



Manufacturing



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 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 review of the manufacturing establishments the SCI planned and implemented a comprehensive manufacturing survey in the year 1367, which was annually implemented till 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 General Census of Manufacturing and Mines. The second stage of the GCM 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 the procedure, 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, a census for the manufacturing establishments with 10 or more workers has been taken since the year 1377 to collect and publish data in detail for the previous

year by type of manufacturing activity. In the year 1381, the General 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 General Census of Establishments, the data for manufacturing establishments with less than 10 workers were collected through a sample survey with a sample size of 50000, while the data for establishments with 10 or more workers were gathered through a census. In next years, based on the frame developed from the 1381 General 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 GCMM 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.

It is noteworthy 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 not covered by the Ministry are not included.

To classify activities of the manufacturing sector, the ISIC, Rev.3 was, with some changes, chosen as the pattern.

Definitions and concepts

Establishment licence (agreement in principle):

the primary permit issued for founding a manufacturing establishment.

Trade licence(business licence):

the permit granted to a person or a trade men to start and continue a business or a job for a specific place or with a given business tool according to the Article 5 of the Trade System Law.

Exploitation licence:

the permit granted to the manufacturing unit after going successfully through the test production, to be able to come into operation.

Manufacturing establishment:

a certain and fixed place where an accumulation of capital and labour force are invested for manufacturing one or more products.

Type of establishment ownership:

Public: where over 50% of the capital belongs to the ministries, government agencies, banks,

Islamic Revolution institutions, municipalities, or other public sector bodies.

Private (cooperative): where the whole or more than 50% of its shares belongs to the members of the cooperative.

Private (non-cooperative): where the whole or more than 50% of its capitals belongs to persons.

Employed (workers): see Chapter 5, "Agriculture, Forests & Fisheries", definitions and concepts.

Employed members of households engaged in household industries: people aged 10 and over, engaged in manufacturing activities at the household's residence through all or part of the year.

To estimate the statistics on employed members, "Annual Average Number of the Employed" method is applied.

Wage and salary: see Chapter 5, Definitions and concepts.

Compensation of wage/salary earners: see Chapter 5, Definitions and concepts.

Other payments (money, goods, etc.): see Chapter 5, Definitions and concepts.

Investment (changes in capital assets): see Chapter 5, Definitions and concepts.

Capital assets: see Chapter 5, Definitions and concepts.

Raw and primary materials, non-durable tools and instruments used: materials brought to the establishment to undergo complementary physical or chemical changes. Such materials might be either raw or semi-finished, and are to be used in the next manufacturing operations

(finishing, transforming, and assembling). Non-durable tools and instruments refer to work tools and instruments with a service life span of less than one year used in the manufacturing activities of the establishment.

Input value of manufacturing activities: the total value of primary materials, non-durable work tools and instruments used, fuel consumed, water and electricity purchased, material and parts used to establish or make capital assets plus the cost of industrial services.

Output value of manufacturing activities: the total value of products manufactured, gains against industrial services, changes in inventory of products under manufacturing, difference between sale value and purchase value of products sold without any changes, value of capital assets manufactured by the establishment, the value of electricity and water produced and sold less the value of the non-sellable wastes of produced goods.

Value added of manufacturing activities: the output value less the input value.

Manufacturing establishments productivity: proportion of value added to the number of establishments.

Workforce productivity: proportion of value added to the number of workers.

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

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

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

Charges paid and indirect taxes: all compulsory sums paid by the establishment to public agencies. Some examples are: municipality and establishment charges, and registration and licence issuance fees.

In the most recent census, indirect tax refers to the sum of money the local producers receive from the customers for commodities as beverages, motor vehicles, cigarettes, caviar, cassettes, etc., to deposit directly to the government's account.

Manufacturing cooperatives: cooperatives which 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: 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 1392, there were 14697 manufacturing establishments with 10 and more workers totaling 1279577 employed persons, which show 0.6% decrease and 6.1% increase, respectively compared to the previous year. The ownership of 97.8 percent of the establishments was for the private sector and about 2.2 percent for the public sector. Besides, from among the said number of the employed, 18 percent were employed in the

establishments with 10-49 workers, 11.8 percent in the establishments with 50-99 workers and 70.2 percent were employees of the establishments with 100 and more workers.

In the year 1392, the amount of investment made in manufacturing establishments with 10 and more workers was about 112811 billion rials which shows about 21.2 percent increase in comparison to the previous year.

Also in the same year, the value-added of the activity of manufacturing establishments with 10 and more workers was higher than 1163859 billion rials which represents a 37.2 percent increase compared to the preceding year. Out of the mentioned amount of value added, 13.3 percent is related to the production of the coke, oil refineries and nuclear fuels, 26.4 percent is related to the production of chemicals and chemical products, 9.2 percent relates to non-metallic mineral products, 17.7 percent relates to the production of other basic metals, 6.1 percent relates to the production of motor vehicles, trailers and semi-trailers, 3.2 percent is for the production of machinery and unclassified equipment in other places and 10 percent goes to the production of food and beverages. The figures show that the seven cited activities contain 85.8% of the total value added of the industrial activities.

In the year 1392, Busheher, Khuzestan and Hormozgan provinces with 1151772, 433690 and 385305 million rials had the highest manufacturing establishments productivity with 10 and more workers, respectively and also Busheher, Hormozgan and Khuzestan provinces with 6039, 3743 and 2102 million rials had the highest amount of the workers' productivity 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 INDUSTRY

(number)

Industry	1375	1380	1385	1389	1390	1391	1392 ⁽²⁾	1393
Total	9182	17098	54288	15813	15872	15210	19287	18624
Manufacture of food products and beverages.....	2065	2861	9849	2993	2948	2220	2196	2625
Manufacture of tobacco products	0	2	7	5	2	2	20	11
Manufacture of textiles.....	822	1161	2683	508	529	455	634	693
Manufacture of wearing apparel; dressing and dyeing of fur.....	245	1164	1997	217	260	220	374	368
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	153	230	506	78	79	57	100	131
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	288	405	1780	502	528	599	518	467
Manufacture of paper and paper products	532	600	1655	504	462	443	678	601
Publishing, printing and reproduction of recorded media.	27	63	204	41	33	13	32	36
Manufacture of coke, refined petroleum products and nuclear fuel	49	142	456	164	199	302	703	219
Manufacture of chemicals and chemical products	845	1298	3255	856	912	928	1381	1250
Manufacture of rubber and plastic products	965	1340	6573	1744	1846	1716	1926	1910
Manufacture of other non-metallic mineral products	888	2528	8674	3783	3936	3422	3544	2787
Manufacture of basic metals.....	391	555	2089	683	606	648	1251	858
Manufacture of fabricated metal products, except machinery and equipment.....	452	1289	4558	1319	1353	1388	1383	1418
Manufacture of machinery and equipment n.e.c....	564	1196	3572	897	797	815	1104	1132
Manufacture of office, accounting and computing machinery	33	241	435	40	25	16	25	28
Manufacture of electrical machinery and apparatus n.e.c	225	552	1495	390	351	340	447	457
Manufacture of radio, television and communication equipment and apparatus	167	128	304	44	53	69	68	76
Manufacture of medical, precision and optical instruments, watches and clocks.....	153	169	372	110	113	108	155	225
Manufacture of motor vehicles, trailers and semi-trailers	141	579	1306	333	280	204	297	313
Manufacture of other transport equipment	61	243	413	104	99	64	102	94
Manufacture of furniture; manufacturing n.e.c.....	72	279	1298	287	218	192	475	474
Recycling.....	44	73	807	205	239	322	392	628
Production of energy	×	×	×	×	×	102	74	65
Logistic and auxiliary activities of transport; travel agency activities	×	×	×	×	×	78	189	197
Computer and related activities	×	×	×	6	4	4	4	6
Research and development	×	×	×	×	×	0	0	0
Other activities for engineering services	×	×	×	×	×	483	1215	1555

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

2. Revised figures.

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 E

Ostan and free zone	(number)							
	1375	1380	1385	1389	1390	1391	1392	1393
Total country	-	-	-	-	-	-	19287	18624
East Azarbayejan	-	-	-	-	-	-	2169	2110
West Azarbayejan.....	-	-	-	-	-	-	468	521
Ardebil.....	-	-	-	-	-	-	191	376
Esfahan	-	-	-	-	-	-	1099	1164
Alborz.....	-	-	-	-	-	-	417	379
Ilam.....	-	-	-	-	-	-	127	97
Bushehr.....	-	-	-	-	-	-	271	188
Tehran.....	-	-	-	-	-	-	711	749
Chaharmahal&Bakhtiari.....	-	-	-	-	-	-	295	442
South Khorasan	-	-	-	-	-	-	123	111
Khorasan-e-Razavi	-	-	-	-	-	-	1142	1340
North Khorasan	-	-	-	-	-	-	134	101
Khuzestan	-	-	-	-	-	-	455	516
Zanjan.....	-	-	-	-	-	-	717	614
Semnan	-	-	-	-	-	-	705	349
Sistan&Baluchestan.....	-	-	-	-	-	-	355	355
Fars	-	-	-	-	-	-	1899	1816
Qazvin	-	-	-	-	-	-	724	523
Qom.....	-	-	-	-	-	-	450	369
Kordestan.....	-	-	-	-	-	-	499	448
Kerman	-	-	-	-	-	-	565	442
Kermanshah.....	-	-	-	-	-	-	308	315
Kohgiluyeh&Boyerahmad.....	-	-	-	-	-	-	127	125
Golestan.....	-	-	-	-	-	-	320	343
Gilan	-	-	-	-	-	-	392	377
Lorestan	-	-	-	-	-	-	342	246
Mazandaran	-	-	-	-	-	-	886	750
Markazi.....	-	-	-	-	-	-	1480	1281
Hormozgan	-	-	-	-	-	-	202	226
Hamedan.....	-	-	-	-	-	-	366	440
Yazd	-	-	-	-	-	-	1314	1409
Aras Free Zone	-	-	-	-	-	-	15	63
Arvand Free Zone.....	-	-	-	-	-	-	0	2
Anzali Free Zone	-	-	-	-	-	-	4	23
Chabahar Free Zone	-	-	-	-	-	-	0	1
Qeshm Free Zone	-	-	-	-	-	-	12	4
Kish Free Zone	-	-	-	-	-	-	0	1
Maku Free Zone	-	-	-	-	-	-	3	8

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 INDUSTRY

(number)

Industry	1375	1380	1385	1389	1390	1391	1392	1393
Total	3600	3550	6764	6878	6292	4112	4369	5233
Manufacture of food products and beverages.....	645	651	833	1359	1151	698	714	783
Manufacture of tobacco products	0	1	0	5	3	2	5	2
Manufacture of textiles	314	289	444	341	262	182	142	180
Manufacture of wearing apparel; dressing and dyeing of fur	150	193	115	86	65	39	48	49
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	89	111	60	86	51	36	26	34
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	60	81	223	168	165	84	63	79
Manufacture of paper and paper products	112	106	168	189	163	114	107	163
Publishing, printing and reproduction of recorded media	11	24	28	13	11	11	10	13
Manufacture of coke, refined petroleum products and nuclear fuel	6	66	87	93	94	75	204	205
Manufacture of chemicals and chemical products.....	176	332	522	457	481	337	419	496
Manufacture of rubber and plastic products	287	325	979	730	851	598	672	713
Manufacture of other non-metallic mineral products	748	407	1731	1323	1177	751	514	602
Manufacture of basic metals.....	103	120	208	356	344	169	300	369
Manufacture of fabricated metal products, except machinery and equipment.....	260	267	438	583	519	343	270	353
Manufacture of machinery and equipment n.e.c.....	318	229	399	387	373	230	285	343
Manufacture of office, accounting and computing machinery.....	15	29	27	18	17	11	9	7
Manufacture of electrical machinery and apparatus n.e.c.....	121	78	131	184	163	110	124	178
Manufacture of radio, television and communication equipment and apparatus	16	16	20	29	31	21	19	26
Manufacture of medical, precision and optical instruments, watches and clocks.....	26	25	34	62	53	40	40	72
Manufacture of motor vehicles, trailers and semi-trailers	65	114	136	172	128	88	66	98
Manufacture of other transport equipment	27	51	54	43	36	21	18	27
Manufacture of furniture; manufacturing n.e.c.....	45	25	100	99	88	68	66	86
Recycling.....	6	10	27	62	63	37	39	78
Production of energy	×	×	×	×	×	0	4	3
Logistic and auxiliary activities of transport; travel agency activities	×	×	×	×	×	9	52	59
Computer and related activities	×	×	×	33	3	0	0	1
Other activities for engineering services	×	×	×	×	×	38	153	214

1. Including exploitation licenses issued for starting new establishments, expansion of existing establishments and establishments with out license

Source: Ministry of Industry, Mine and Trade.

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

Ostan and free zone	(number)							
	1375	1380	1385	1389	1390	1391	1392	1393
Total country	-	-	-	-	-	-	4369	5233
East Azarbayejan	-	-	-	-	-	-	451	577
West Azarbayejan	-	-	-	-	-	-	139	161
Ardebil	-	-	-	-	-	-	88	90
Esfahan	-	-	-	-	-	-	318	436
Alborz	-	-	-	-	-	-	190	257
Ilam	-	-	-	-	-	-	36	64
Bushehr	-	-	-	-	-	-	20	30
Tehran	-	-	-	-	-	-	313	310
Chaharmahal&Bakhtiari	-	-	-	-	-	-	73	96
South Khorasan	-	-	-	-	-	-	36	39
Khorasan-e-Razavi	-	-	-	-	-	-	179	442
North Khorasan	-	-	-	-	-	-	32	17
Khuzestan	-	-	-	-	-	-	128	139
Zanjan	-	-	-	-	-	-	102	95
Semnan	-	-	-	-	-	-	126	145
Sistan&Baluchestan	-	-	-	-	-	-	41	57
Fars	-	-	-	-	-	-	197	207
Qazvin	-	-	-	-	-	-	243	248
Qom	-	-	-	-	-	-	225	267
Kordestan	-	-	-	-	-	-	66	68
Kerman	-	-	-	-	-	-	115	102
Kermanshah	-	-	-	-	-	-	62	69
Kohgiluyeh&Boyerahmad	-	-	-	-	-	-	33	37
Golestan	-	-	-	-	-	-	79	97
Gilan	-	-	-	-	-	-	171	150
Lorestan	-	-	-	-	-	-	83	131
Mazandaran	-	-	-	-	-	-	228	204
Markazi	-	-	-	-	-	-	262	236
Hormozgan	-	-	-	-	-	-	43	66
Hamedan	-	-	-	-	-	-	81	75
Yazd	-	-	-	-	-	-	185	220
Aras Free Zone	-	-	-	-	-	-	3	30
Arvand Free Zone	-	-	-	-	-	-	1	0
Anzali Free Zone	-	-	-	-	-	-	6	65
Chabahar Free Zone	-	-	-	-	-	-	0	1
Qeshm Free Zone	-	-	-	-	-	-	9	2
Kish Free Zone	-	-	-	-	-	-	1	0
Maku Free Zone	-	-	-	-	-	-	4	3

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 INDUSTRY (person)

Industry	1375	1380	1385	1389	1390	1391	1392	1393
Total	85133	74578	126155	131225	109100	70960	78659	83021
Manufacture of food products and beverages.....	14185	14245	19762	23923	18719	9654	14712	11999
Manufacture of tobacco products	0	15	0	2281	65	90	720	25
Manufacture of textiles.....	19503	6564	10275	6589	4954	3876	3050	3702
Manufacture of wearing apparel; dressing and dyeing of fur	2130	2708	1477	1707	978	1298	1310	1248
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	1600	1211	834	831	497	614	342	226
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	721	992	2764	1689	1817	1171	700	1041
Manufacture of paper and paper products	2342	1353	2860	2393	2401	1320	2023	2458
Publishing, printing and reproduction of recorded media	90	229	424	171	125	108	214	440
Manufacture of coke, refined petroleum products and nuclear fuel.....	65	1126	1218	3999	3230	871	3150	1963
Manufacture of chemicals and chemical products	3659	13037	10485	9308	8857	6479	6438	7570
Manufacture of rubber and plastic products	4327	3856	12429	8222	10797	6628	7276	7831
Manufacture of other non metallic mineral products	12998	9252	25090	27707	18215	13233	9874	10184
Manufacture of basic metals.....	2253	2496	7421	9790	9496	4656	8588	6069
Manufacture of fabricated metal products, except machinery and equipment	7950	3869	9038	10850	8620	6144	4794	5166
Manufacture of machinery and equipment n.e.c..	4566	4088	7639	6226	6877	5663	5940	7041
Manufacture of office, accounting and computing machinery.....	170	361	540	660	417	153	458	312
Manufacture of electrical machinery and apparatus n.e.c.	2690	2692	4654	4409	3741	1764	1670	3747
Manufacture of radio, television and communication equipment and apparatus	2473	197	762	838	829	378	352	1348
Manufacture of medical, precision and optical instruments, watches and clocks.....	354	574	486	1940	688	752	530	1288
Manufacture of motor vehicles, trailers and semi-trailers	1307	2727	4557	4093	4463	3535	1934	3091
Manufacture of other transport equipment	872	2445	1804	1341	1164	921	554	1151
Manufacture of furniture; manufacturing n.e.c....	782	412	1300	1388	1076	729	1016	1037
Recycling.....	96	129	336	856	1072	368	440	1317
Production of energy	×	×	×	×	×	0	44	64
Logistic and auxiliary activities of transport; travel agency activities	×	×	×	×	×	77	860	766
Computer and related activities	×	×	×	14	2	0	0	9
Other activities for engineering services	×	×	×	×	×	478	1670	1928

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 MADE IN MANUFACTURING ESTABLISHMENTS WITH EXPLOITATION LICENCE⁽¹⁾ ISSUED BY THE MINISTRY OF INDUSTRIES, MINE AND TRADE, BY TYPE OF INDUSTRY (billion rials)

Industry	1375	1380	1385	1389	1390	1391	1392	1393
Total	5365	13023	77172	194673	155962	91684	152868	155552
Manufacture of food products and beverages.....	883	2070	11180	26289	25780	15546	14171	25097
Manufacture of tobacco products.....	0	2	0	5181	135	120	756	170
Manufacture of textiles.....	914	931	3548	8950	7504	4792	5347	10012
Manufacture of wearing apparel; dressing and dyeing of fur.....	17	40	122	357	68	105	291	461
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	65	84	245	347	177	537	193	203
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	25	69	1038	1147	1690	866	1990	1781
Manufacture of paper and paper products.....	69	89	970	2025	1895	3669	3355	9810
Publishing, printing and reproduction of recorded media.....	8	54	200	208	166	309	2180	644
Manufacture of coke, refined petroleum products and nuclear fuel.....	6	160	657	19785	18366	910	13628	3272
Manufacture of chemicals and chemical products.....	304	2729	19781	14695	19530	8514	9806	24255
Manufacture of rubber and plastic products.....	397	1498	7158	9236	8670	8173	12535	12097
Manufacture of other non-metallic mineral products.....	849	1492	11219	37737	23778	17742	20021	17933
Manufacture of basic metals.....	136	1006	9713	31346	27037	10792	33032	15956
Manufacture of fabricated metal products, except machinery and equipment.....	542	539	4528	10996	6646	5682	4521	6462
Manufacture of machinery and equipment n.e.c.....	220	514	1660	15109	4801	3620	14320	5791
Manufacture of office, accounting and computing machinery.....	27	34	253	597	221	172	236	262
Manufacture of electrical machinery and apparatus n.e.c.....	761	377	1921	3585	1851	1851	5544	4811
Manufacture of radio, television and communication equipment and apparatus.....	23	8	158	527	184	130	203	431
Manufacture of medical, precision and optical instruments, watches and clocks.....	13	45	189	559	451	687	870	2869
Manufacture of motor vehicles, trailers and semi-trailers.....	46	1167	1966	4552	2873	1705	1703	3841
Manufacture of other transport equipment.....	32	82	342	404	388	3795	925	2347
Manufacture of furniture; manufacturing n.e.c.....	26	25	223	538	421	603	555	787
Recycling.....	2	9	101	503	3330	329	543	2424
Production of energy.....	×	×	×	×	×	0	119	295
Logistic and auxiliary activities of transport; travel agency activities.....	×	×	×	×	×	123	5204	1563
Computer and related activities.....	×	×	×	//	//	0	0	//
Other activities for engineering services.....	×	×	×	×	×	912	821	1978

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 1393** (number)

Ostan	Total	Service	Manufacturing	Distributive
Total country	240316	86152	43119	111045
East Azarbayejan	13502	5520	2914	5068
West Azarbayejan	9579	3402	1718	4459
Ardebil	3627	1428	648	1551
Esfahan.....	21515	9061	4810	7644
Alborz	7444	3616	1119	2709
Ilam	2775	938	430	1407
Bushehr	4748	1442	623	2683
Tehran	31656	11662	6322	13672
Chaharmahal&Bakhtiyari	3464	1010	726	1728
South Khorasan.....	3113	1097	601	1415
Khorasan-e-Razavi.....	17005	5626	2618	8761
North Khorasan.....	2638	787	502	1349
Khuzestan.....	9661	3267	1381	5013
Zanjan	3235	1084	710	1441
Semnan.....	3032	1096	425	1511
Sistan&Baluchestan	3898	1447	578	1873
Fars	14393	4901	2112	7380
Qazvin.....	3232	1150	475	1607
Qom	3274	897	795	1582
Kordestan.....	6664	2082	1206	3376
Kerman.....	7955	2588	1297	4070
Kermanshah	4780	1642	986	2152
Kohgiluyeh&Boyerahmad	2612	843	328	1441
Golestan	5561	1645	809	3107
Gilan	10970	3972	1776	5222
Lorestan	5017	1608	809	2600
Mazandaran.....	15417	5706	2765	6946
Markazi	6243	2398	1148	2697
Hormozgan.....	4427	1353	565	2509
Hamedan	5180	1668	1067	2445
Yazd.....	3699	1216	856	1627

Source: Ministry of Industry, Mine and Trade

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

Year and industry	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	321326	10938	1104	1329
1380	10987	8109	1249	1629
1385	16057	12151	1856	2050
1388 ⁽²⁾	16129	11440	2185	2504
1389 ⁽²⁾	15301	10711	2229	2361
1390	14962	10481	2138	2343
1391 ^(2,3)	14787	10355	2200	2232
1392⁽²⁾	14697	9973	2225	2499
Manufacture of food products and beverages.....	2759	1877	449	433
Manufacture of tobacco products	5	1	0	4
Manufacture of textiles	1055	658	170	227
Manufacture of wearing apparel; dressing and dyeing of fur	130	95	14	21
Tanning and dressing of leather ; manufacture of luggage, handbags, saddlery, harness, and footwear ...	164	131	16	18
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	121	70	22	29
Manufacture of paper and paper products	330	214	64	52
Publishing, printing and reproduction of recorded media	165	136	12	17
Manufacture of coke, refined petroleum products and nuclear fuel	152	109	20	23
Manufacture of chemicals and chemical products.....	986	573	173	240
Manufacture of rubber and plastic products	1038	760	155	123
Manufacture of other non-metallic mineral products ...	3166	2551	280	335
Manufacture of basic metals	677	350	132	195
Manufacture of fabricated metal products, except machinery and equipment.....	1095	718	198	180
Manufacture of machinery and equipment n.e.c.....	960	607	180	173
Manufacture of office, accounting and computing machinery	31	11	6	14
Manufacture of electrical machinery and apparatus n.e.c.....	476	265	100	111
Manufacture of radio, television and communication equipment and apparatus	63	35	14	14
Manufacture of medical, precision and optical instruments, watches and clocks	140	73	29	38
Manufacture of motor vehicles, trailers and semi-trailers	665	351	113	200
Manufacture of other transport equipment	122	74	27	22
Manufacture of furniture; manufacturing n.e.c.....	387	303	53	31
Recycling.....	12	10	1	1

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

Year and industry	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	319890	10492	954	786
1380	10203	7852	1146	1205
1385	15531	11944	1775	1812
1388 ⁽²⁾	15724	11275	2131	2318
1389 ⁽²⁾	14947	10559	2175	2213
1390	14644	10340	2092	2212
1391 ^(2,3)	14525	10246	2157	2122
1392⁽²⁾	14371	9845	2188	2338
Manufacture of food products and beverages.....	2690	1855	438	397
Manufacture of tobacco products	4	1	0	3
Manufacture of textiles	1042	655	169	218
Manufacture of wearing apparel; dressing and dyeing of fur Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	130	95	14	21
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	164	131	16	18
Manufacture of paper and paper products	116	70	22	24
Manufacture of paper and paper products	330	214	64	52
Publishing, printing and reproduction of recorded media	154	132	11	11
Manufacture of coke, refined petroleum products and nuclear fuel	146	108	20	18
Manufacture of chemicals and chemical products.....	956	571	170	215
Manufacture of rubber and plastic products	1033	757	155	121
Manufacture of other non-metallic mineral products	3061	2482	266	314
Manufacture of basic metals.....	664	350	132	182
Manufacture of fabricated metal products, except machinery and equipment.....	1086	713	198	176
Manufacture of machinery and equipment n.e.c.....	945	604	177	164
Manufacture of office, accounting and computing machinery	31	11	6	14
Manufacture of electrical machinery and apparatus n.e.c.	470	262	99	109
Manufacture of radio, television and communication equipment and apparatus	60	34	14	12
Manufacture of medical, precision and optical instruments, watches and clocks	134	70	29	35
Manufacture of motor vehicles, trailers and semi-trailers	651	349	113	189
Manufacture of other transport equipment	112	69	25	18
Manufacture of furniture; manufacturing n.e.c.....	383	302	52	29
Recycling.....	11	10	1	0

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

Year and industry	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	1436	446	150	543
1380	784	257	103	424
1385	526	207	81	238
1388 ⁽²⁾	405	165	55	186
1389 ⁽²⁾	354	153	54	148
1390	318	141	46	131
1391 ^(2,3)	261	109	43	110
1392⁽²⁾	326	128	37	161
Manufacture of food products and beverages.....	69	22	11	36
Manufacture of tobacco products	1	0	0	1
Manufacture of textiles.....	13	3	1	9
Manufacture of wearing apparel; dressing and dyeing of fur Tanning and dressing of leather ; manufacture of luggage, handbags, saddlery, harness, and footwear.....	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	5	0	0	5
Manufacture of paper and paper products	0	0	0	0
Publishing, printing and reproduction of recorded media	11	4	1	6
Manufacture of coke, refined petroleum products and nuclear fuel	6	1	0	5
Manufacture of chemicals and chemical products.....	30	2	3	25
Manufacture of rubber and plastic products	4	2	0	2
Manufacture of other non-metallic mineral products	105	70	14	21
Manufacture of basic metals.....	13	0	0	13
Manufacture of fabricated metal products, except machinery and equipment.....	9	5	0	4
Manufacture of machinery and equipment n.e.c.....	15	3	3	9
Manufacture of office, accounting and computing machinery	0	0	0	0
Manufacture of electrical machinery and apparatus n.e.c	6	3	1	2
Manufacture of radio, television and communication equipment and apparatus	3	1	0	2
Manufacture of medical, precision and optical instruments, watches and clocks	6	3	0	3
Manufacture of motor vehicles, trailers and semi-trailers	14	3	0	11
Manufacture of other transport equipment	11	5	2	4
Manufacture of furniture; manufacturing n.e.c.....	4	1	1	2
Recycling.....	1	0	0	1

1. Difference between the total and sum of parts is due to the manufacturing establishments with 1 to 9 workers whose data are included in the total.

2. Difference between the total and sum of parts relates to the reason that its data were collected as sampling and were generalized across the country and non-response data are imputed .

3. Revised figures.

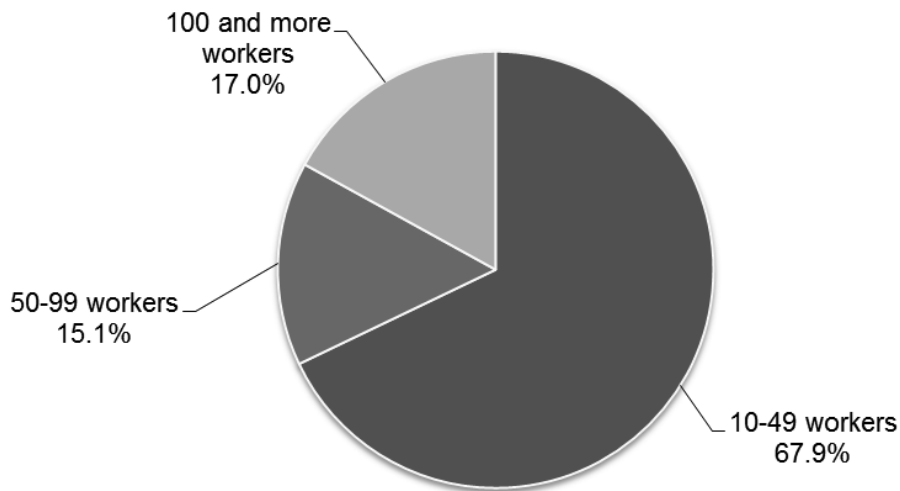
Source: Statistical Centre of Iran.

8.1. ESTABLISHMENT AND EXPLOITATION LICENSES FOR MANUFACTURING ESTABLISHMENTS



For data see Tables 8.1 & 8.3

8.2. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1392



For data see Table 8.8.

8.9.MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BYTYPE OF OWNERSHIP, SIZE AND OSPAN⁽¹⁾, THE YEAR 1392

Ostan	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country.....	14697	9973	2225	2499
East Azarbayejan	843	573	127	144
West Azarbayejan.....	322	245	36	41
Ardebil.....	178	143	22	13
Esfahan	1725	1153	273	299
Alborz.....	671	359	145	168
Ilam.....	31	24	4	3
Bushehr.....	94	59	21	14
Tehran	2377	1508	407	462
Chaharmahal&Bakhtiyari.....	238	197	20	21
South Khorasan.....	80	59	11	10
Khorasan-e-Razavi	1006	677	153	176
North Khorasan.....	67	47	11	9
Khuzestan	362	231	49	82
Zanjan.....	219	116	39	64
Semnan	712	585	83	45
Sistan&Baluchestan.....	104	90	8	6
Fars	578	435	58	85
Qazvin.....	710	445	104	161
Qom	431	312	69	51
Kordestan.....	125	106	10	9
Kerman	324	191	65	68
Kermanshah.....	229	174	26	29
Kohgiluyeh&Boyerahmad.....	34	24	5	5
Golestan.....	332	255	48	29
Gilan	542	389	66	87
Lorestan	177	145	13	19
Mazandaran	684	476	108	100
Markazi.....	577	314	129	135
Hormozgan	151	113	13	25
Hamedan.....	331	266	37	28
Yazd.....	442	262	67	112

8.9.MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN⁽¹⁾, THE YEAR 1392 (continued)

Ostan	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	14371	9845	2188	2338
East Azarbayejan	818	562	122	135
West Azarbayejan.....	308	241	33	34
Ardebil.....	168	136	21	11
Esfahan	1710	1150	272	288
Alborz.....	654	354	143	157
Ilam.....	28	21	4	3
Bushehr.....	94	59	21	14
Tehran	2320	1499	402	420
Chaharmahal&Bakhtiari.....	233	195	19	19
South Khorasan.....	80	59	11	10
Khorasan-e-Razavi	985	665	150	170
North Khorasan.....	63	47	11	5
Khuzestan	339	220	46	73
Zanjan.....	216	114	38	64
Semnan	706	580	83	44
Sistan&Baluchestan.....	100	87	8	5
Fars	572	434	58	81
Qazvin	703	445	103	155
Qom	425	308	68	49
Kordestan.....	118	99	10	9
Kerman	317	188	64	65
Kermanshah	219	169	26	24
Kohgiluyeh&Boyerahmad.....	30	24	4	2
Golestan.....	324	250	47	27
Gilan	530	385	64	81
Lorestan	172	143	13	16
Mazandaran	668	467	106	95
Markazi.....	562	309	127	127
Hormozgan	145	112	13	20
Hamedan.....	326	264	36	26
Yazd	437	259	67	110

8.9.MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN⁽¹⁾, THE YEAR 1392 (continued)

Ostan	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	326	128	37	161
East Azarbayejan	25	11	5	9
West Azarbayejan.....	14	4	3	7
Ardebil.....	10	7	1	2
Esfahan	15	3	1	11
Alborz.....	18	5	2	11
Ilam.....	3	3	0	0
Bushehr.....	0	0	0	0
Tehran	57	10	5	42
Chaharmahal&Bakhtiari.....	5	2	1	2
South Khorasan.....	0	0	0	0
Khorasan-e-Razavi	21	12	3	6
North Khorasan.....	4	0	0	4
Khuzestan	23	11	3	9
Zanjan.....	3	2	1	0
Semnan	6	5	0	1
Sistan&Baluchestan.....	4	3	0	1
Fars	6	2	0	4
Qazvin	7	0	1	6
Qom	7	4	1	2
Kordestan.....	7	7	0	0
Kerman	7	3	1	3
Kermanshah	10	5	0	5
Kohgiluyeh&Boyerahmad.....	4	0	1	3
Golestan.....	7	4	1	2
Gilan	12	4	2	6
Lorestan	5	2	0	3
Mazandaran	16	9	2	5
Markazi.....	15	5	2	8
Hormozgan	6	1	0	5
Hamedan.....	5	2	1	2
Yazd	5	3	0	2

1. Difference between the total and sum of parts relates to manufacturing establishment with 10-49 workers whose data were collected as sampling and were generalized across the country and non-response data are imputed .

Source: Statistical Centre of Iran.

8.10. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY PAID AND UNPAID WORKERS⁽¹⁾

Year and size of establishments	Total workers	Wage and salary earners			Unpaid workers		
		Both Sexes	Male	Female	Both Sexes	Male	Female
1375 ⁽²⁾	1611279	1209517	1142072	67445	401762	376290	25472
1380	921106	913255	845334	67921	7851	7557	294
1385	1071383	1060587	961222	99365	10796	10481	315
1388	1251489	1242753	1115329	127424	8735	8279	456
1389	1248649	1240380	1115096	125284	8269	8026	243
1390	1242983	1235796	1111092	124704	7187	6955	232
1391 ⁽³⁾	1206331	1199814	1076899	122915	6518	6269	249
1392	1279577	1273139	1143558	129582	6438	6133	305
10-49 workers	230035	224259	196931	27329	5775	5575	200
50-99 workers	151476	151096	130610	20486	380	364	16
100 and more workers	898066	897784	816017	81767	283	194	89

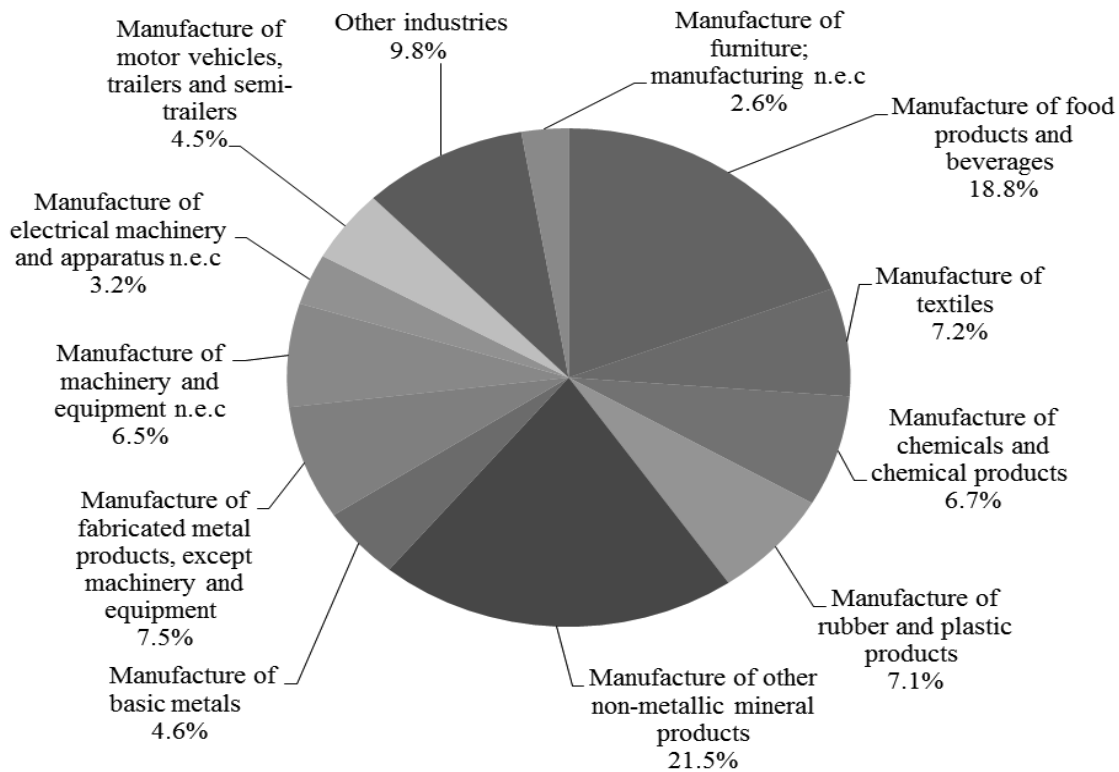
1. Difference between the total and sum of parts is due to the fact that data were collected as sampling and were generalized across the country and non-response data are imputed .

2. Including establishments with 1 to 9 workers.

3. Revised figures.

Source: Statistical Centre of Iran.

8.3. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY TYPE OF ACTIVITY, THE YEAR 1392



For data see Table 8.8.

8.11. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE⁽¹⁾, THE YEAR 1392

Industry	Total	10-49 workers	50-99 workers	100 and more workers
Total	1279577	230035	151476	898066
Manufacture of food products and beverages.....	214639	45668	30770	138201
Manufacture of tobacco products	7192	40	0	7152
Manufacture of textiles	86334	15556	12000	58778
Manufacture of wearing apparel; dressing and dyeing of fur	7757	1857	828	5072
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear...	7484	2560	1053	3871
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	8808	1369	1482	5957
Manufacture of paper and paper products	22930	5245	4179	13506
Publishing, printing and reproduction of recorded media	8021	2683	736	4602
Manufacture of coke, refined petroleum products and nuclear fuel	30956	2319	1322	27315
Manufacture of chemicals and chemical products.....	130546	14052	11690	104804
Manufacture of rubber and plastic products	62378	17842	10618	33918
Manufacture of other non-metallic mineral products	174261	54147	18468	101646
Manufacture of basic metals	130620	8697	9080	112843
Manufacture of fabricated metal products, except machinery and equipment.....	75717	16888	13395	45434
Manufacture of machinery and equipment n.e.c.....	76811	14661	12385	49765
Manufacture of office, accounting and computing machinery	5567	278	361	4928
Manufacture of electrical machinery and apparatus n.e.c	44626	6498	6789	31339
Manufacture of radio, television and communication equipment and apparatus	7651	854	948	5849
Manufacture of medical, precision and optical instruments, watches and clocks.....	13761	1878	1943	9940
Manufacture of motor vehicles, trailers and semi-trailers	131513	8790	8013	114710
Manufacture of other transport equipment	14194	1686	1694	10814
Manufacture of furniture; manufacturing n.e.c.....	17456	6271	3673	7512
Recycling.....	356	194	52	110

1. Difference between the total and sum of parts is due to the fact that data are collected as sampling and were generalized across the country and non-response data are imputed.

Source: Statistical Centre of Iran.

8.12. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE⁽¹⁾, THE YEAR 1392

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	1279573	230030	151477	898066
East Azarbayejan.....	74453	13313	8615	52525
West Azarbayejan.....	18981	5578	2323	11080
Ardebil	8639	3172	1416	4051
Esfahan	156019	27094	18773	110152
Alborz.....	64699	9203	9961	45535
Ilam.....	1324	510	220	594
Bushehr.....	17927	1218	1385	15324
Tehran	268305	35201	28000	205104
Chaharmahal&Bakhtiari.....	9897	3254	1314	5329
South Khorasan	5484	1246	825	3413
Khorasan-e-Razavi	81767	17166	10568	54033
North Khorasan	7661	1046	707	5908
Khuzestan	74696	5137	3402	66157
Zanjan.....	24484	3003	2654	18827
Semnan	30205	12578	5495	12132
Sistan&Baluchestan.....	4265	2058	519	1688
Fars	40363	9247	3989	27127
Qazvin	64093	11237	7115	45741
Qom	22317	6981	4460	10876
Kordestan	4681	2340	748	1593
Kerman	36396	4890	4515	26991
Kermanshah	14656	3405	1758	9493
Kohgiluyeh&Boyerahmad.....	2915	464	372	2079
Golestan.....	14324	5613	3170	5541
Gilan.....	33021	8734	4562	19725
Lorestan	9734	2796	811	6127
Mazandaran	46048	10602	7414	28032
Markazi.....	65853	8043	8813	48997
Hormozgan	15543	2313	778	12452
Hamedan.....	14815	5784	2530	6501
Yazd	46008	6804	4265	34939

1 .Difference between the total and sum of parts is due to the fact that data are collected as sampling and were generalized across the country and non-response data are imputed .

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
1375 ⁽¹⁾	8572672	4835414	3737258
1380.....	20603571	11115613	9487958
1385.....	56059937	30594745	25465191
1388.....	105640163	60327699	45312464
1389.....	119143664	73141475	46002189
1390.....	142555622	85838966	56716656
1391 ⁽²⁾	156881746	97184691	59697055
1392.....	213151387	129349196	83802191
10-49 workers	23269144	17438390	5830752
50-99 workers	17226062	12176078	5049983
100 and more workers.....	172656183	99734728	72921456

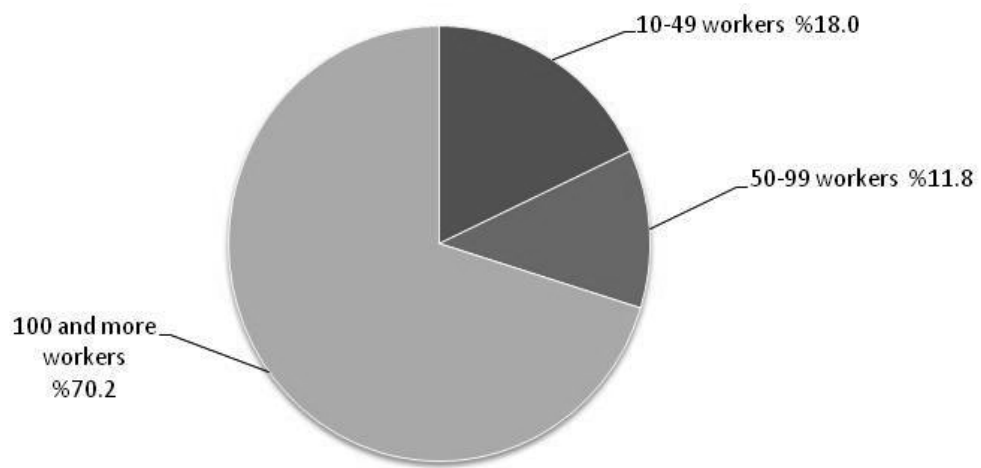
Year and size of establishments	Male			Female		
	Total	Wages and salaries	Other payments	Total	Wages and salaries	Other payments
1375 ⁽¹⁾	8195940	4605521	3590419	376732	229893	146839
1380.....	19505178	10440534	9064644	1098393	675079	423314
1385.....	52273095	28179940	24093155	3786841	2414805	1372036
1388.....	97469652	55036949	42432703	8170511	5290750	2879762
1389.....	110032858	67065645	42967213	9110806	6075830	3034976
1390.....	131773548	78811401	52962147	10782074	7027565	3754508
1391 ⁽²⁾	144215573	88873495	55342078	12666173	8311196	4354977
1392.....	196216081	118156488	78059594	16935305	11192708	5742598
10-49 workers	20761719	15541004	5220715	2507423	1897386	610037
50-99 workers	15165426	10696048	4469379	2060635	1480031	580605
100 and more workers.....	160288936	91919436	68369500	12367247	7815291	4551956

1. Including establishments with 1 to 9 workers.

2. Revised figures.

Source: Statistical Centre of Iran.

8.4.DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1392



For data see Table 8.10.

8.14. COMPENSATION OF WAGE AND SALARY EARNERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE, THE YEAR 1392 (mln rials)

Industry	Total	10-49 workers	50-99 workers	100 and more workers
Total	213151387	23269144	17226062	172656183
Manufacture of food products and beverages.....	25554295	4276033	3219473	18058789
Manufacture of tobacco products	2379922	6114	0	2373808
Manufacture of textiles	9773320	1483628	1235089	7054603
Manufacture of wearing apparel; dressing and dyeing of fur	808769	152865	75183	580721
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear ..	743639	259250	111227	373162
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1301950	127662	170511	1003777
Manufacture of paper and paper products	3134618	508484	482003	2144131
Publishing, printing and reproduction of recorded media	1273415	287489	97688	888238
Manufacture of coke, refined petroleum products and nuclear fuel	11319273	260510	218057	10840706
Manufacture of chemicals and chemical products.....	26576008	1592870	1518914	23464224
Manufacture of rubber and plastic products	8051505	1768127	1237380	5045998
Manufacture of other non-metallic mineral products ..	23619728	5577473	2091829	15950426
Manufacture of basic metals	35393622	915700	1065265	33412657
Manufacture of fabricated metal products, except machinery and equipment.....	9749759	1791902	1530953	6426904
Manufacture of machinery and equipment n.e.c	10155935	1545994	1469365	7140576
Manufacture of office, accounting and computing machinery	1115026	29342	41497	1044187
Manufacture of electrical machinery and apparatus n.e.c.....	6356822	673537	822296	4860989
Manufacture of radio, television and communication equipment and apparatus	919456	81131	131103	707222
Manufacture of medical, precision and optical instruments, watches and clocks.....	1792342	239653	203338	1349351
Manufacture of motor vehicles, trailers and semi-trailers	27571649	925235	917291	25729123
Manufacture of other transport equipment	3532610	163347	175221	3194042
Manufacture of furniture; manufacturing n.e.c.....	1989888	587885	409568	992435
Recycling.....	37838	14913	2811	20114

Source: Statistical Centre of Iran.

**8.15. INVESTMENT (CHANGES IN CAPITAL GOODS) IN MANUFACTURING
ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF CAPITAL GOODS
AND SIZE** (mln rials)

Year and size of establishments	Total	Machinery and ...	Office equipment	Vehicles
1375 ⁽¹⁾	6729816	4763211	197923	288151
1380	7788901	5238956	391673	396065
1385	39367834	19877162	820981	900691
1388	71868915	40030853	1462759	1245421
1389	81567852	51687017	2103413	1366076
1390	66925992	27382968	3097726	2180157
1391 ⁽²⁾	93076034	47911923	1858503	2681061
1392	112810977	70054634	3126854	3154257
10-49 workers	9306675	5127969	205821	211567
50-99	7037628	4706459	213632	205807
100 and more workers	96466674	60220206	2707401	2736883

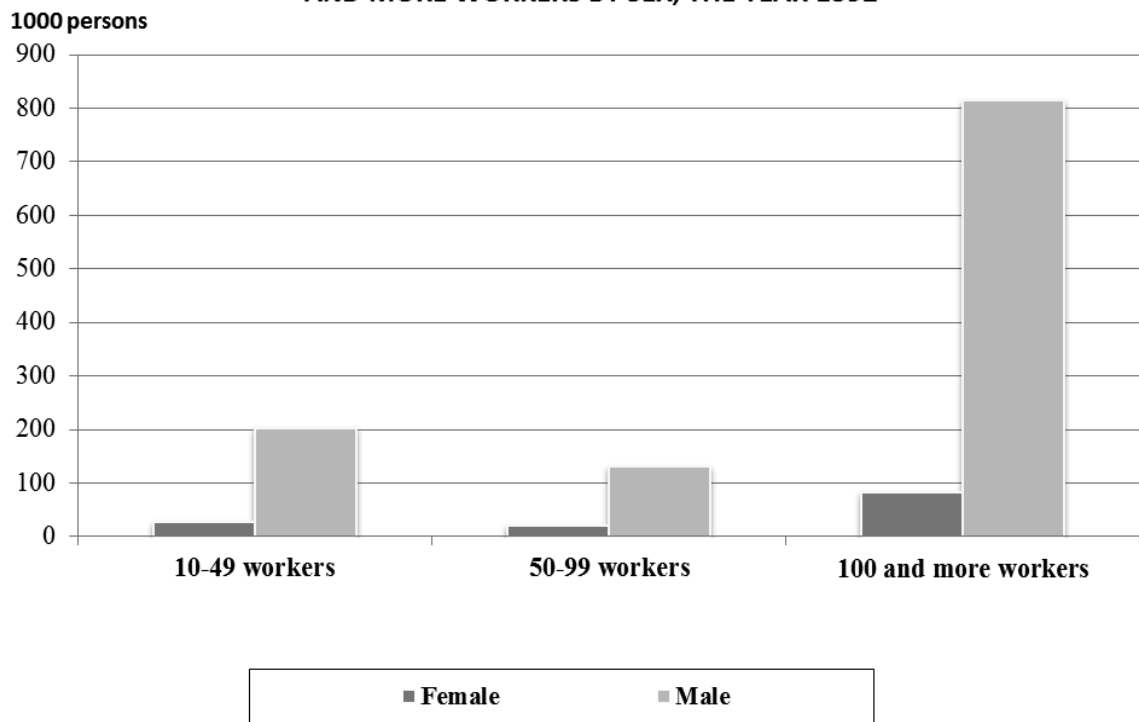
Year and size of establishments	Building (without land)	Land	Computer software
1375 ⁽¹⁾	1296131	184399	0
1380	1453493	195403	113310
1385	16800907	839623	128470
1388	26626856	2256479	246547
1389	22037512	4160814	213020
1390	20297398	13399617	568125
1391 ⁽²⁾	35877621	3745639	1001287
1392	27723826	7919725	831682
10-49 workers	2683455	1002582	75281
50-99 workers	1414859	422647	74224
100 and more workers	23625512	6494496	682177

1. Including establishments with 1 to 9 workers.

2. Revised figures.

Source: Statistical Centre of Iran.

8.5. WORKERS OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SEX, THE YEAR 1392



For data see Table 8.10.

8.16. INVESTMENT (CHANGES IN CAPITAL GOODS) IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE, THE YEAR 1392

(mln rials)

Industry	Total	10-49 workers	50-99 workers	100 and more workers
Total	112810977	9306675	7037628	96466674
Manufacture of food products and beverages	13489558	2826512	2243623	8419423
Manufacture of tobacco products	1744602	349	0	1744254
Manufacture of textiles	5175906	825692	419693	3930522
Manufacture of wearing apparel; dressing and dyeing of fur	137396	28084	14914	94398
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	154228	29907	71531	52790
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1252125	22147	32496	1197483
Manufacture of paper and paper products	2312567	215431	75007	2022129
Publishing, printing and reproduction of recorded media	658706	72575	17247	568883
Manufacture of coke, refined petroleum products and nuclear fuel	2375864	78057	177134	2120673
Manufacture of chemicals and chemical products.....	12243402	352365	1053266	10837771
Manufacture of rubber and plastic products	3047264	656798	227923	2162543
Manufacture of other non-metallic mineral products	15869323	1523985	781442	13563897
Manufacture of basic metals	39656141	279404	599271	38777465
Manufacture of fabricated metal products, except machinery and equipment	2476149	541370	341921	1592858
Manufacture of machinery and equipment n.e.c.....	3364949	242189	219540	2903221
Manufacture of office, accounting and computing machinery	190922	5820	224-	185327
Manufacture of electrical machinery and apparatus n.e.c.	1266488	61217	122554	1082718
Manufacture of radio, television and communication equipment and apparatus	424250	18185	53252	352813
Manufacture of medical, precision and optical instruments, watches and clocks	874817	18406	393709	462702
Manufacture of motor vehicles, trailers and semi-trailers	5388440	1305838	142581	3940021
Manufacture of other transport equipment	448304	99229	16878	332197
Manufacture of furniture; manufacturing n.e.c.	242398	101532	33682	107184
Recycling	17177	1583	192	15403

Source: Statistical Centre of Iran.

8.17.VALUE OF INVENTORIES IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY SIZE, THE YEAR 1392 (mln rials)

Size of establishments	Beginning of the year				
	Total	Finished goods	Goods for resale without any changes	Work-in-progress	Primary materials, instruments, ...
Total	774334246	377231030	6107601	68997222	321998394
10-49 workers	38739896	11383908	793273	2678673	23884042
50-99 workers	38564591	10665453	687640	2667410	24544088
100 and more workers	697029759	355181668	4626688	63651139	273570264

Size of establishments	End of the year				
	Total	Finished goods	Goods for resale without any changes	Work-in-progress	Primary materials, instruments, ...
Total	877330618	342866765	9753549	90758244	433952059
10-49 workers	50679658	18152686	1188543	3101791	28236638
50-99 workers	50988099	14848444	1028019	3501670	31609966
100 and more workers	775662861	309865635	7536988	84154783	374105455

Source: Statistical Centre of Iran.

8.18.INPUTS VALUE RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE (mln rials)

Year and industry	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	48344019	6391876	3083947	29530894
1380.....	117414672	12694916	7385402	97334354
1385.....	445633735	47115744	30499904	368018088
1388.....	1181268939	69852636	53897854	1057518449
1389.....	1458182318	90517418	66355087	1301309814
1390.....	1927631663	112440303	85814452	1729376907
1391 ⁽²⁾	2397865926	174019719	119910754	2103935453
1392.....	3880743764	197728401	160240826	3522774537
Manufacture of food products and beverages.....	320957809	68680685	53627022	198650102
Manufacture of tobacco products.....	6512779	53157	0	6459622
Manufacture of textiles.....	56810129	10731146	7551725	38527258
Manufacture of wearing apparel; dressing and dyeing of fur.....	2074362	844904	139684	1089774
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear....	5212552	1586387	1908782	1717383
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	11332361	453188	1962825	8916348
Manufacture of paper and paper products	28760654	3941377	3370951	21448325
Publishing, printing and reproduction of recorded media.....	5401184	1047508	336223	4017453
Manufacture of coke, refined petroleum products and nuclear fuel.....	1877125593	5530022	7141177	1864454395
Manufacture of chemicals and chemical products.....	519850080	18758443	18489438	482602199
Manufacture of rubber and plastic products.....	65504917	16009464	10838982	38656472
Manufacture of other non-metallic mineral products....	94151434	21626838	7072783	65451813
Manufacture of basic metals.....	461590718	13277941	16708117	431604660
Manufacture of fabricated metal products, except machinery and equipment.....	58172190	13336250	8588067	36247873
Manufacture of machinery and equipment n.e.c.....	62005379	6468444	6487713	49049223
Manufacture of office, accounting and computing machinery.....	4638917	103107	194546	4341264
Manufacture of electrical machinery and apparatus n.e.c.....	51673725	5697201	6984119	38992404
Manufacture of radio, television and communication equipment and apparatus.....	15976169	629436	581125	14765608
Manufacture of medical, precision and optical instruments, watches and clocks.....	7850292	574550	909800	6365942
Manufacture of motor vehicles, trailers and semi-trailers.....	208659111	4648649	3738793	200271669
Manufacture of other transport equipment.....	9036581	1330766	2246546	5459269
Manufacture of furniture; manufacturing n.e.c.....	7315477	2308016	1346663	3660798
Recycling.....	131351	90923	15745	24682

1. Difference between the total and sum of parts is due to the manufacturing establishments with 1 to 9 workers whose data are included in the total.

2. Revised figures.

Source: Statistical Centre of Iran.

**8.19. OUTPUTS VALUE RESULTED FROM MANUFACTURING ACTIVITIES OF
MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE
OF INDUSTRY AND SIZE** (mln rials)

Year and industry	Total	10-49 workers	50-99 workers	100 and more workes
1375 ⁽¹⁾	82995974	9940992	4564494	52576042
1380.....	204090236	19958245	11504884	172627108
1385.....	715033120	70622170	44644532	599766418
1388.....	1602030730	104946450	77997696	1419086585
1389.....	1952812264	130918293	94875780	1727018191
1390.....	2551964097	166919947	123536025	2261508123
1391 ⁽²⁾	3246088527	248802904	171572841	2825712782
1392.....	5044602853	280401785	224728155	4539472912
Manufacture of food products and beverages.....	437806104	86503674	69945597	281356833
Manufacture of tobacco products.....	12474128	66180	0	12407948
Manufacture of textiles.....	83386114	15246914	11199199	56940001
Manufacture of wearing apparel; dressing and dyeing of fur.....	4207109	1790965	305515	2110629
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	7308686	2217167	2584823	2506696
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	16131446	745305	2837506	12548635
Manufacture of paper and paper products.....	40029090	5479521	4709171	29840399
Publishing, printing and reproduction of recorded media.....	7934102	1675830	589647	5668624
Manufacture of coke, refined petroleum products and nuclear fuel.....	2031385593	7290635	9101196	2014993762
Manufacture of chemicals and chemical products	827553288	27124110	25656036	774773142
Manufacture of rubber and plastic products.....	91703932	23006121	15674603	53023208
Manufacture of other non-metallic mineral products.....	200840433	38542026	13453589	148844819
Manufacture of basic metals.....	667346389	17068063	21382394	628895933
Manufacture of fabricated metal products, except machinery and equipment.....	91021642	19145905	13091021	58784715
Manufacture of machinery and equipment n.e.c....	98879285	10901861	10260437	77716987
Manufacture of office, accounting and computing machinery.....	7691850	178649	281064	7232136
Manufacture of electrical machinery and apparatus n.e.c.....	74832518	8386535	9761885	56684098
Manufacture of radio, television and communication equipment and apparatus.....	22603428	1009240	992909	20601279
Manufacture of medical, precision and optical instruments, watches and clocks.....	13494805	1047341	1542377	10905086
Manufacture of motor vehicles, trailers and semi-trailers.....	279298287	7248581	6190222	265859483
Manufacture of other transport equipment.....	16414495	1900806	2866268	11647421
Manufacture of furniture; manufacturing n.e.c.....	12052772	3680534	2271995	6100243
Recycling.....	207354	145818	30701	30834

1. Difference between the total and sum of parts is due to the manufacturing establishments with 1 to 9 workers whose data are included in the total.

2. Revised figures.

Source: Statistical Centre of Iran.

8.20. VALUE ADDED RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE

(mln rials)

Year and industry	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	34651959	3549115	1480547	23045148
1380.....	86675563	7263328	4119481	75292754
1385.....	269399385	23506426	14144628	231748330
1388.....	420761791	35093814	24099842	361568136
1389.....	494629946	40400875	28520694	425708377
1390.....	624332432	54479644	37721573	532131216
1391 ⁽²⁾	848222600	74783184	51662087	721777329
1392.....	1163859089	82673384	64487329	1016698375
Manufacture of food products and beverages.....	116848295	17822990	16318575	82706730
Manufacture of tobacco products	5961349	13023	0	5948326
Manufacture of textiles	26575986	4515769	3647474	18412743
Manufacture of wearing apparel; dressing and dyeing of fur	2132748	946061	165831	1020856
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	2096133	630781	676041	789312
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	4799084	292117	874681	3632286
Manufacture of paper and paper products	11268437	1538144	1338220	8392073
Publishing, printing and reproduction of recorded media	2532918	628322	253424	1651172
Manufacture of coke, refined petroleum products and nuclear fuel	154260000	1760613	1960019	150539368
Manufacture of chemicals and chemical products.....	307703208	8365668	7166597	292170943
Manufacture of rubber and plastic products	26199015	6996657	4835621	14366737
Manufacture of other non-metallic mineral products	106688999	16915188	6380805	83393006
Manufacture of basic metals	205755672	3790122	4674277	197291273
Manufacture of fabricated metal products, except machinery and equipment	32849452	5809655	4502955	22536842
Manufacture of machinery and equipment n.e.c.....	36873906	4433417	3772724	28667765
Manufacture of office, accounting and computing machinery	3052932	75543	86518	2890872
Manufacture of electrical machinery and apparatus n.e.c.....	23158794	2689334	2777766	17691694
Manufacture of radio, television and communication equipment and apparatus	6627259	379804	411784	5835671
Manufacture of medical, precision and optical instruments, watches and clocks	5644512	472791	632577	4539144
Manufacture of motor vehicles, trailers and semi-trailers	70639175	2599932	2451429	65587814
Manufacture of other transport equipment	7377914	570040	619722	6188152
Manufacture of furniture; manufacturing n.e.c.....	4737296	1372518	925332	2439446
Recycling	76003	54895	14956	6152

1. Difference between the total and sum of parts is due to the manufacturing establishments with 1 to 9 workers whose data are included in the total.

2. Revised figures.

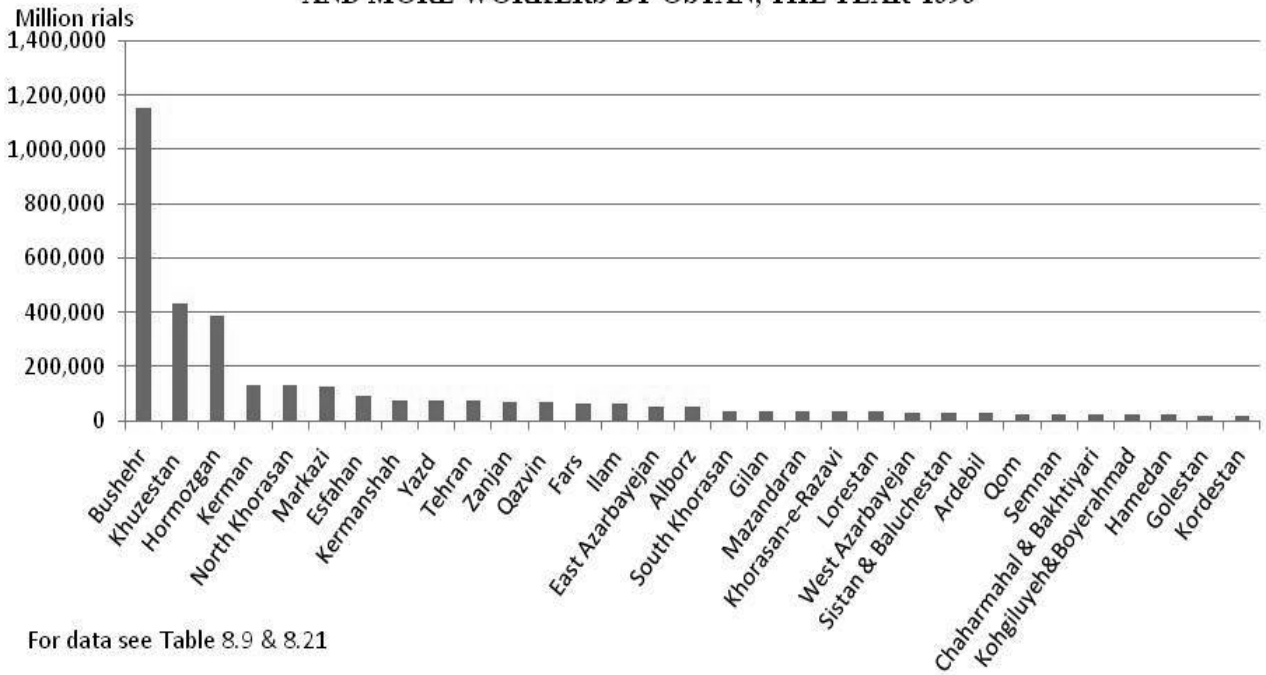
Source: Statistical Centre of Iran.

8.21.VALUE ADDED RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1392 (mln rials)

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	1163859089	82673384	64487329	1016698375
East Azarbayejan	45932916	5452744	2706482	37773690
West Azarbayejan.....	9327234	1602449	1114091	6610693
Ardebil	4828756	1769608	320091	2739058
Esfahan	158473016	10154182	6655181	141663652
Alborz.....	35240926	3519858	4343493	27377575
Ilam.....	1937899	206664	86338	1644897
Bushehr.....	108266587	505173	688349	107073064
Tehran	173261456	10319006	9634718	153307732
Chaharmahal & Bakhtiari.....	5825837	1325890	967716	3532231
South Khorasan.....	2946244	595591	336201	2014452
Khorasan-e-Razavi	34219999	4431231	3248101	26540666
North Khorasan.....	8652078	241597	130502	8279980
Khuzestan	156996029	2063242	1487997	153444790
Zanjan.....	15402734	1473123	1504786	12424825
Semnan	18087838	4620894	1714749	11752195
Sistan & Baluchestan.....	3010490	978257	378208	1654025
Fars	36398594	3245808	4423933	28728854
Qazvin	47439208	4428248	3464324	39546636
Qom	11099505	3367460	2667559	5064486
Kordestan.....	2156147	545761	224514	1385872
Kerman	42455102	2162833	2405493	37886776
Kermanshah	17266220	1642100	664533	14959587
Kohgiluyeh&Boyerahmad.....	767728	136354	232361	399013
Golestan.....	5983335	1829830	1202082	2951423
Gilan	18683450	2342536	1581656	14759258
Lorestan	5985512	707685	270437	5007390
Mazandaran	23382350	4032402	2676665	16673283
Markazi.....	71757230	2985263	4792392	63979575
Hormozgan	58181127	1207447	1823941	55149739
Hamedan.....	6982653	1720059	750850	4511744
Yazd	32910890	3060087	1989588	27861214

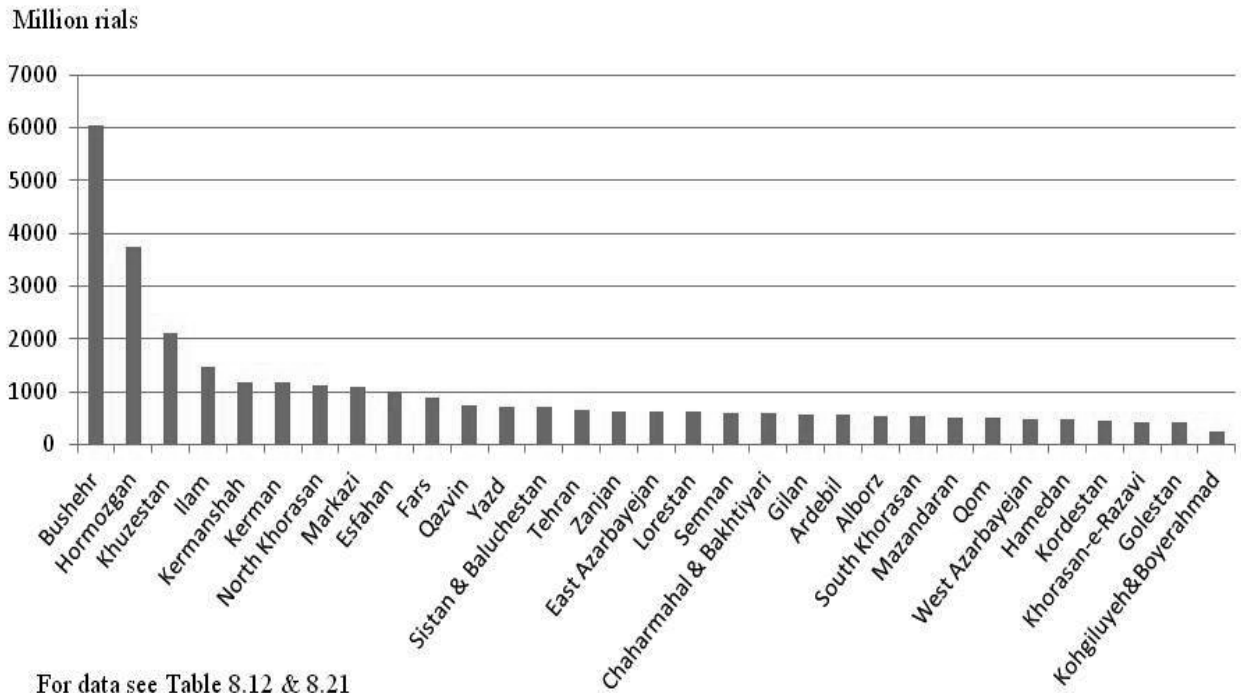
Source: Statistical Centre of Iran.

8.6. PRODUCTIVITY OF MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY OSTAN, THE YEAR 1393



For data see Table 8.9 & 8.21

8.7. PRODUCTIVITY OF EMPLOYED PERSONS IN MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY OSTANS, THE YEAR 1393



For data see Table 8.12 & 8.21

**8.22. CHARGES AND INDIRECT TAXES PAID BY MANUFACTURING ESTABLISHMENTS
WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE (mln rials)**

Year and industry	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	355023	45028	17822	268116
1380	3572278	103338	77153	3391787
1385	4535570	250666	113564	4171340
1388	8501981	364780	327333	7809868
1389	10849436	453121	343305	10053009
1390	27856160	1123198	989622	25743340
1391 ⁽²⁾	16856821	973275	1085378	14798168
1392	18467769	1311568	1347269	15808932
Manufacture of food products and beverages.....	2458524	183370	122085	2153069
Manufacture of tobacco products	74452	0	0	74452
Manufacture of textiles	469094	86850	57726	324518
Manufacture of wearing apparel; dressing and dyeing of fur	23870	1906	448	21516
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear .	27768	8485	2153	17130
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	125513	2155	4028	119330
Manufacture of paper and paper products	183154	25963	33364	123827
Publishing, printing and reproduction of recorded media	45869	8039	1368	36462
Manufacture of coke, refined petroleum products and nuclear fuel	1424814	44439	249761	1130613
Manufacture of chemicals and chemical products.....	3673819	167484	124379	3381956
Manufacture of rubber and plastic products	454798	98618	161682	194498
Manufacture of other non-metallic mineral products	2188655	308741	106376	1773538
Manufacture of basic metals.....	2535656	60142	50773	2424741
Manufacture of fabricated metal products, except machinery and equipment.....	618603	97651	70191	450761
Manufacture of machinery and equipment n.e.c.....	1082843	57370	83816	941657
Manufacture of office, accounting and computing machinery	49563	229	1133	48201
Manufacture of electrical machinery and apparatus n.e.c.....	762053	49181	101943	610929
Manufacture of radio, television and communication equipment and apparatus	51974	8875	12337	30763
Manufacture of medical, precision and optical instruments, watches and clocks.....	30810	7272	6538	17000
Manufacture of motor vehicles, trailers and semi- trailers	2016954	62392	39765	1914797
Manufacture of other transport equipment	110404	12511	91290	6603
Manufacture of furniture; manufacturing n.e.c.....	58039	19382	26111	12546
Recycling.....	538	512	0	26

1. Difference between the total and sum of parts is due to the manufacturing establishments with 1 to 9 workers whose data are included in the total.

2. Revised figures.

Source: Statistical Centre of Iran.

8.23.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 industry	Payments			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	2538283	212896	124976	1910300
1380	6170837	504636	376695	5289506
1385	25283503	1443561	1257215	22582727
1388	45890057	2292877	2023592	41573588
1389	57739005	2378947	2412232	52947826
1390.....	68435163	3502665	4642729	60289772
1391 ⁽²⁾	100290446	4015003	4796683	91478759
1392.....	111126688	4585158	4765949	101775581
Manufacture of food products and beverages.....	12667401	933814	996367	10737220
Manufacture of tobacco products	407826	1695	0	406131
Manufacture of textiles.....	1341066	177523	195123	968420
Manufacture of wearing apparel; dressing and dyeing of fur	154264	16710	3461	134093
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	168263	52048	20335	95881
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	316902	13504	19815	283583
Manufacture of paper and paper products	1374322	83151	112885	1178286
Publishing, printing and reproduction of recorded media	384994	35077	9727	340190
Manufacture of coke, refined petroleum products and nuclear fuel	17192861	73371	274466	16845024
Manufacture of chemicals and chemical products.....	25795430	484613	702139	24608678
Manufacture of rubber and plastic products	2547760	496526	303679	1747555
Manufacture of other non-metallic mineral products	8806865	844795	564157	7397913
Manufacture of basic metals	14739557	161856	304942	14272759
Manufacture of fabricated metal products, except machinery and equipment.....	2231588	358146	292954	1580488
Manufacture of machinery and equipment n.e.c.....	3731779	313149	363194	3055436
Manufacture of office, accounting and computing machinery	452793	11527	10469	430797
Manufacture of electrical machinery and apparatus n.e.c.....	2735818	146639	215187	2373991
Manufacture of radio, television and communication equipment and apparatus	291916	9300	57590	225025
Manufacture of medical, precision and optical instruments, watches and clocks.....	566770	47554	36090	483126
Manufacture of motor vehicles, trailers and semi-trailers	13007247	182059	153542	12671646
Manufacture of other transport equipment	1813017	49351	44564	1719102
Manufacture of furniture; manufacturing n.e.c.....	392606	88045	85154	219407
Recycling.....	5644	4705	108	831

8.23.PAYMENTS AND RECEIPTS OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS FOR NON-INDUSTRIAL SERVICES BY TYPE OF INDUSTRY AND SIZE (continued) (mlnrials)

Year and industry	Receipts			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	282024	23203	13229	177588
1380.....	334347	31664	19472	283210
1385.....	1912385	173881	92179	1646325
1388.....	3817314	230199	568235	3018879
1389	4450513	350657	187012	3912844
1390	9434069	325883	418676	8689507
1391 ⁽²⁾	7144471	357068	206915	6580488
1392.....	20971888	267532	186190	20518165
Manufacture of food products and beverages.....	911420	46243	40510	824667
Manufacture of tobacco products	95905	19	0	95886
Manufacture of textiles.....	96636	25939	6706	63991
Manufacture of wearing apparel; dressing and dyeing of fur	1504	7	0	1497
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear ...	465	13	0	452
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	46180	935	1915	43330
Manufacture of paper and paper products	160655	1773	1893	156988
Publishing, printing and reproduction of recorded media	117753	695	0	117058
Manufacture of coke, refined petroleum products and nuclear fuel	3008716	516	0	3008200
Manufacture of chemicals and chemical products.....	7091890	9375	48880	7033635
Manufacture of rubber and plastic products	55764	7655	3925	44184
Manufacture of other non-metallic mineral products	1066322	111897	13435	940990
Manufacture of basic metals	6118092	562	571	6116958
Manufacture of fabricated metal products, except machinery and equipment	201663	13607	10969	177087
Manufacture of machinery and equipment n.e.c.....	241156	15570	9275	216311
Manufacture of office, accounting and computing machinery	214415	2678	18262	193475
Manufacture of electrical machinery and apparatus n.e.c.	354220	6963	4489	342769
Manufacture of radio, television and communication equipment and apparatus	25667	1023	295	24349
Manufacture of medical, precision and optical instruments, watches and clocks	17148	282	30	16836
Manufacture of motor vehicles, trailers and semi-trailers	971150	16891	18496	935763
Manufacture of other transport equipment	164246	1814	155	162277
Manufacture of furniture; manufacturing n.e.c.	10512	2666	6385	1461
Recycling	410	410	0	0

1. Difference between the total and sum of parts is due to the manufacturing establishments with 1 to 9 workers whose data are included in the total

2. Revised figures

Source: Statistical Centre of Iran.

8.24. PRODUCTION OF SELECTED MANUFACTURED GOODS

Commodity	Unit	1375	1380	1385	1388
Canned fish (tuna, sardines)	Ton	8088	18180	31049	24045
Pasteurized milk	Ton	575429	801395	1777833	2061815
Vegetable oil	Ton	789344	852353	1439754	1789301
Sugar (lump, granulated)	1000 ton	637	1113	1319	1409
Non-alcoholic carbonated drinks (except diluted yogurt)	Million bottles	3768	4818	4930	3849
Malt liquor	Million bottles	443	60	232	870
Cigarettes	Million	11962	13359	27050	26898
Threads	Ton	173779	388790	552090	323925
Finished fabrics	Million meters	442	551	344	293
Machine-made carpets	1000 sq	20218	51875	41472	75642
Moquette	1000 sq	29994	43014	54508	71995
Blankets	1000 pieces	4430	8166	7523	6565
Papers	Ton	250721	315502	490815	465745
Detergent powders	Ton	226845	306249	562027	594247
Soap	Ton	70788	75918	68312	57750
Matches	Million boxes	2189	2351	1577	1268
Cement	1000 ton	16442	24755	32831	49471
Tile and Ceramic	1000 sq	47090	76827	147919	243590
Combines	Number	240	346	968	362
Tractors	Number	5452	12208	32929	13309
Road construction machinery	Number	425	612	3506	2169
Washing machines	Number	158956	212664	418167	666756
Switch and socket	1000	21527	24559	25787	25754
Radio and radio cassette recorders	Number	56262	129256	821439	656087
Colour TV	Number	433151	807964	619585	389469
Water meters	Number	515412	933741	618258	1610613
Electricity meters	Number	763109	906671	562099	1756540
Passenger cars and jeeps	Number	103110	332643	917165	1441558
Ambulances	Number	422	328	265	159
Trucks and light trucks	Number	3316	4303	20130	42254
Buses	Number	1177	1643	4111	4443
Minibuses	Number	122	3226	1765	3672
Vans	Number	16383	46639	155269	174908
Raw steel	Number	-	-	-	-

8.24. PRODUCTION OF SELECTED MANUFACTURED GOODS (continued)

Commodity	Unit	1389	1390	1391	1392
Canned fish (tuna, sardines)	Ton	27503	22559	000	000
Pasteurized milk	Ton	2036484	2840857	000	000
Vegetable oil.....	Ton	1527075	1256023	000	000
Sugar (lump, granulated).....	1000 ton	1846	1846	000	000
Non-alcoholic carbonated drinks (except diluted yogurt).....	Million bottles	3024	3458	000	000
Malt liquor.....	Million bottles	1001	1405	000	000
Cigarettes.....	Million	22354	21708	000	000
Threads	Ton	373616	411583	000	000
Finished fabrics	Million meters	280	246	000	000
Machine-made carpets	1000 sq	77245	5462	000	000
Moquette.....	1000 sq	59609	66936	000	000
Blankets	1000 pieces	5853	4031	000	000
Papers	Ton	486920	492570	000	000
Detergent powders	Ton	540839	574685	000	000
Soap	Ton	82869	78879	000	000
Matches	Million boxes	1047	1116	000	000
Cement	1000 ton	57181	63205	000	000
Tile and Ceramic	1000 sq	300173	299698	000	000
Combines	Number	229	163	000	000
Tractors	Number	18403	23688	000	000
Road construction machinery	Number	3084	1449	000	000
Washing machines	Number	689952	333052	000	000
Switch and socket	1000	21323	32038	000	000
Radio and radio cassette recorders	Number	356019	554626	000	000
Colour TV	Number	518832	406163	000	000
Water meters	Number	556391	498494	000	000
Electricity meters	Number	904236	3754963	000	000
Passenger cars and jeeps	Number	1427539	1627697	000	000
Ambulances	Number	494	385	000	000
Trucks and light trucks	Number	33624	28656	000	000
Buses	Number	4154	3252	000	000
Minibuses	Number	3404	3768	000	000
Vans.....	Number	194594	194004	000	000
Raw steel.....	1000 tons	-	-	-	-

Source: Statistical Centre of Iran.

8.25. GENERAL CHARACTERISTICS OF MANUFACTURING COOPERATIVES AT THE END OF THE YEAR

Description	Number	Member	Employed	Capital (mln rials)
<i>Registered cooperatives ⁽¹⁾</i>				
1375	4369	77232	38829	1061236
1380	8764	138339	87105	1932083
1385	18329	237158	177488	2716607
1389	28999	319213	278073	4384508
1390	31662	327743	315094	6172181
1391	33540	371213	338309	9234466
1392	35223	389168	359795	14718077
1393	36250	396100	368914	21879214
<i>Cooperatives under establishment</i>				
1375	96	1124	779	20773
1380	475	5457	4911	75107
1385	3503	38966	36596	415501
1389	5638	50032	54453	358075
1390	5824	48676	71936	411966
1391	6342	58801	81431	680966
1392	5648	49945	65919	5987509
1393	5209	47799	60873	1133696
<i>Operating cooperatives</i>				
1375	1628	65197	20935	889591
1380	3738	66788	46542	1550468
1385	8291	116028	88624	1935014
1389	12061	140575	121399	3246567
1390	12164	153375	120322	4731922
1391	11830	141156	113756	7356404
1392	11886	148588	121105	6193349
1393	12178	147811	124122	18539964

**8.25.GENERAL CHARACTERISTICS OF MANUFACTURING COOPERATIVES AT THE
END OF THE YEAR (continued)**

Ostan	Number	Member	Employed	Capital (mln rials)
East Azarbayejan	820	7883	7813	1184072
West Azarbayejan.....	249	2101	2792	347499
Ardebil.....	172	1580	1764	188546
Esfahan	335	7123	2971	213227
Alborz	203	1866	2782	104556
Ilam.....	183	1598	1304	34774
Bushehr.....	372	3035	4645	642660
Tehran	522	14306	11768	10191550
Chaharmahal&Bakhtiyari.....	407	3109	3195	115379
South Khorasan.....	183	1901	1296	31525
Khorasan-e-Razavi	915	11854	8900	1041605
North Khorasan.....	231	1974	1929	97449
Khuzestan	845	7079	9309	106849
Zanjan.....	358	3018	3570	172827
Semnan	172	1700	2042	34783
Sistan&Baluchestan.....	255	3710	4883	139129
Fars	741	10662	6314	394161
Qazvin	66	525	979	77057
Qom	133	1320	1204	160243
Kordestan.....	204	1687	1698	78535
Kerman	568	6062	4011	116435
Kermanshah	349	3456	3910	121216
Kohgiluyeh&Boyerahmad.....	185	1438	1754	435091
Golestan.....	407	2972	2878	121845
Gilan	399	4076	2996	91328
Lorestan	746	6476	6979	120040
Mazandaran	700	6117	6652	453694
Markazi.....	275	3426	2520	336559
Hormozgan	496	3806	4348	946389
Hamedan.....	291	2662	3421	85645
Yazd	396	19289	3495	355296

1. Including cooperatives in operation, out of operation, and under establishment.
Source: Ministry of Cooperatives.

8.26.GENERAL CHARACTERISTICS OF HAND-WOVEN CARPET COOPERATIVES AT THE END OF THE YEAR

Description	Number	Member	Employed	Capital (mln rials)
<i>Registered cooperatives ⁽¹⁾</i>				
1375	669	102295	50128	18671
1380	997	114940	59489	31812
1385.....	1954	124127	71006	56162
1389	2780	129880	79560	126640
1390.....	3031	92984	84082	131297
1391.....	3155	156864	88972	140742
1392	3324	157341	96578	639701
1393.....	3488	151212	98941	154043
<i>Cooperatives under establishment</i>				
1375	1	8	120	6
1380	14	185	349	166
1385.....	344	2827	5228	13990
1389	404	4274	6164	60039
1390.....	443	4115	7546	57590
1391.....	488	5028	10068	59675
1392	458	4295	10975	60298
1393.....	499	4682	10173	58353
<i>Operating cooperatives</i>				
1375	261	58739	24002	9541
1380	463	67906	31010	19454
1385.....	963	73234	36791	29045
1389	1339	56539	32221	47090
1390.....	1343	67882	33792	41860
1391.....	1289	69563	30973	52724
1392	1154	57115	27133	54343
1393.....	1189	48916	28007	59335

8.26.GENERAL CHARACTERISTICS OF HAND-WOVEN CARPET COOPERATIVES AT THE END OF THE YEAR (continued)

Ostan	Number	Member	Employed	Capital (mln rials)
East Azarbayejan	107	3133	1102	4732
West Azarbayejan.....	36	2400	2348	5457
Ardebil.....	32	294	407	480
Esfahan	35	22856	1173	7949
Alborz	14	109	335	111
Ilam.....	29	285	461	452
Bushehr.....	18	135	344	817
Tehran.....	54	760	5768	898
Chaharmahal&Bakhtiyari	41	2420	4108	3534
South Khorasan.....	14	321	126	288
Khorasan-e-Razavi	109	2900	2123	5856
North Khorasan.....	24	186	169	531
Khuzestan	54	949	986	3748
Zanjan.....	37	309	474	489
Semnan	13	185	217	525
Sistan&Baluchestan.....	9	132	176	113
Fars	59	3798	1560	577
Qazvin.....	11	77	104	148
Qom	4	32	77	450
Kordestan.....	8	1272	390	287
Kerman	64	1772	744	12895
Kermanshah.....	19	362	401	430
Kohgiluyeh&Boyerahmad.....	5	60	60	69
Golestan.....	46	584	459	268
Gilan	48	440	412	300
Lorestan	158	1906	2013	3075
Mazandaran	37	312	448	560
Markazi.....	22	195	232	527
Hormozgan	48	420	431	1165
Hamedan.....	14	99	191	267
Yazd	20	213	168	2337

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

Source: Ministry of Cooperatives.