



# Manufacturing





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## *Introduction*

he 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 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 General Census of Manufacturing and Mines.

The second stage of the GCOMM 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 GCOMM 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 1393, there were 14452 manufacturing establishments with 10 and more workers totaling 1309059 employed persons, which show 1.7% decrease and 2.3% increase, respectively compared to the previous year. The ownership of

97.5 percent of the establishments was for the private sector and about 2.5 percent for the public sector. Besides, from among the said number of the employed, 16.9 percent were employed in the establishments with 10-49 workers, 11.3 percent in the establishments with 50-99 workers and 71.8 percent were employees of the establishments with 100 and more workers.

In the year 1393, the amount of investment made in manufacturing establishments with 10 and more workers was about 141146.8 bln rials which shows about 25.1 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 1332.4 thousand bln rials which represents a 11 percent increase compared to the preceding year. Out of the mentioned amount of value added, 7.0 percent is related to the production of the coke, oil refineries and nuclear fuels, 26.7 percent is related to the production of chemicals and chemical products, 8.6 percent relates to non-metallic mineral products, 18.1 percent relates to the production of other basic metals, 10.8 percent relates to the production of motor vehicles, trailers and semi-trailers, 3.5 percent is for the production of machinery and unclassified equipment in other places and 10.8 percent goes to the production of food and beverages. The figures show that the seven cited activities contain 85.4% of the total value added of the industrial activities.

In the year 1393, Busheher, Khuzestan and Hormozgan provinces with 1552419, 457736 and 244836 million rials had the highest manufacturing establishments productivity with 10 and more workers, respectively and also Busheher, Hormozgan and Khuzestan provinces with 7478, 2460 and 2185 million rials had the highest amount of the workers' productivity in manufacturing establishments with 10 and more workers, respectively.



**8.1. LICENCES<sup>(1)</sup> ISSUED BY THE MINISTRY OF INDUSTRY, MINE AND TRADE  
FOR ESTABLISHING MANUFACTURING ESTABLISHMENTS BY TYPE OF INDUSTRY  
(number)**

Industry	The year 1375	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394
<b>Total</b> .....	<b>9182</b>	<b>17098</b>	<b>54288</b>	<b>15872</b>	<b>15210</b>	<b>19287</b>	<b>18624</b>	<b>16067</b>
Manufacture of food products and beverages .....	2065	2861	9849	2948	2220	2196	2625	2654
Manufacture of tobacco products.....	0	2	7	2	2	20	11	12
Manufacture of textiles .....	822	1161	2683	529	455	634	693	576
Manufacture of wearing apparel; dressing and dyeing of fur .....	245	1164	1997	260	220	374	368	472
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear....	153	230	506	79	57	100	131	109
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	288	405	1780	528	599	518	467	407
Manufacture of paper and paper products.....	532	600	1655	462	443	678	601	566
Publishing, printing and reproduction of recorded media .....	27	63	204	33	13	32	36	34
Manufacture of coke, refined petroleum products and nuclear fuel .....	49	142	456	199	302	703	219	153
Manufacture of chemicals and chemical products.....	845	1298	3255	912	928	1381	1250	1193
Manufacture of rubber and plastic products .....	965	1340	6573	1846	1716	1926	1910	1743
Manufacture of other non-metallic mineral products ..	888	2528	8674	3936	3422	3544	2787	1933
Manufacture of basic metals .....	391	555	2089	606	648	1251	858	571
Manufacture of fabricated metal products, except machinery and equipment .....	452	1289	4558	1353	1388	1383	1418	1257
Manufacture of machinery and equipment n.e.c. ....	564	1196	3572	797	815	1104	1132	985
Manufacture of office, accounting and computing machinery .....	33	241	435	25	16	25	28	47
Manufacture of electrical machinery and apparatus n.e.c.....	225	552	1495	351	340	447	457	484
Manufacture of radio, television and communication equipment and apparatus .....	167	128	304	53	69	68	76	75
Manufacture of medical, precision and optical instruments, watches and clocks .....	153	169	372	113	108	155	225	238
Manufacture of motor vehicles, trailers and semi-trailers .....	141	579	1306	280	204	297	313	339
Manufacture of other transport equipment.....	61	243	413	99	64	102	94	91
Manufacture of furniture; manufacturing n.e.c .....	72	279	1298	218	192	475	474	531
Recycling .....	44	73	807	239	322	392	628	426
Production of energy.....	×	×	×	×	102	74	65	73
Logistic and auxiliary activities of transport; travel agency activities.....	×	×	×	×	78	189	197	99
Computer and related activities.....	×	×	×	4	4	4	6	6
Research and development.....	×	×	×	×	0	0	0	1
Other activities for engineering services.....	×	×	×	×	483	1215	1555	992

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

Source: Ministry of Industry, Mine and Trade.

**8.2. ESTABLISHMENT LICENCES ISSUED<sup>(1)</sup> BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR MANUFACTURING ESTABLISHMENTS BY OSTAN AND FREE TRADE ZONE**

Ostan and free zone	(number)								
	The year 1375	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394	
<b>Total country</b> .....	-	-	-	-	-	<b>19287</b>	<b>18624</b>	<b>16067</b>	
East Azarbayejan.....	-	-	-	-	-	2169	2110	2073	
West Azarbayejan .....	-	-	-	-	-	468	521	365	
Ardebil .....	-	-	-	-	-	191	376	321	
Esfahan .....	-	-	-	-	-	1099	1164	863	
Alborz .....	-	-	-	-	-	417	379	463	
Ilam .....	-	-	-	-	-	127	97	162	
Bushehr .....	-	-	-	-	-	271	188	150	
Tehran .....	-	-	-	-	-	711	749	731	
Chaharmahal&Bakhtiari .....	-	-	-	-	-	295	442	318	
South Khorasan .....	-	-	-	-	-	123	111	123	
Khorasan-e-Razavi.....	-	-	-	-	-	1142	1340	1376	
North Khorasan.....	-	-	-	-	-	134	101	110	
Khuzestan .....	-	-	-	-	-	455	516	458	
Zanjan .....	-	-	-	-	-	717	614	459	
Semnan.....	-	-	-	-	-	705	349	456	
Sistan&Baluchestan .....	-	-	-	-	-	355	355	249	
Fars .....	-	-	-	-	-	1899	1816	1212	
Qazvin .....	-	-	-	-	-	724	523	376	
Qom .....	-	-	-	-	-	450	369	440	
Kordestan .....	-	-	-	-	-	499	448	351	
Kerman .....	-	-	-	-	-	565	442	392	
Kermanshah .....	-	-	-	-	-	308	315	249	
Kohgiluyeh&Boyerahmad .....	-	-	-	-	-	127	125	109	
Golestan .....	-	-	-	-	-	320	343	244	
Gilan.....	-	-	-	-	-	392	377	488	
Lorestan.....	-	-	-	-	-	342	246	320	
Mazandaran.....	-	-	-	-	-	886	750	503	
Markazi .....	-	-	-	-	-	1480	1281	780	
Hormozgan.....	-	-	-	-	-	202	226	171	
Hamedan .....	-	-	-	-	-	366	440	283	
Yazd .....	-	-	-	-	-	1314	1409	1343	
Aras Free Zone.....	-	-	-	-	-	15	63	76	
Arvand Free Zone .....	-	-	-	-	-	0	2	6	
Anzali Free Zone.....	-	-	-	-	-	4	23	24	
Chabahar Free Zone .....	-	-	-	-	-	0	1	5	
Qeshm Free Zone .....	-	-	-	-	-	12	4	3	
Kish Free Zone.....	-	-	-	-	-	0	1	0	
Maku Free Zone .....	-	-	-	-	-	3	8	15	

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

Source: Ministry of Industry, Mine and Trade.

**8.3. EXPLOITATION LICENSES <sup>(1)</sup> ISSUED BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR ESTABLISHING OF MANUFACTURING ESTABLISHMENTS, BY TYPE OF INDUSTRY**  
(number)

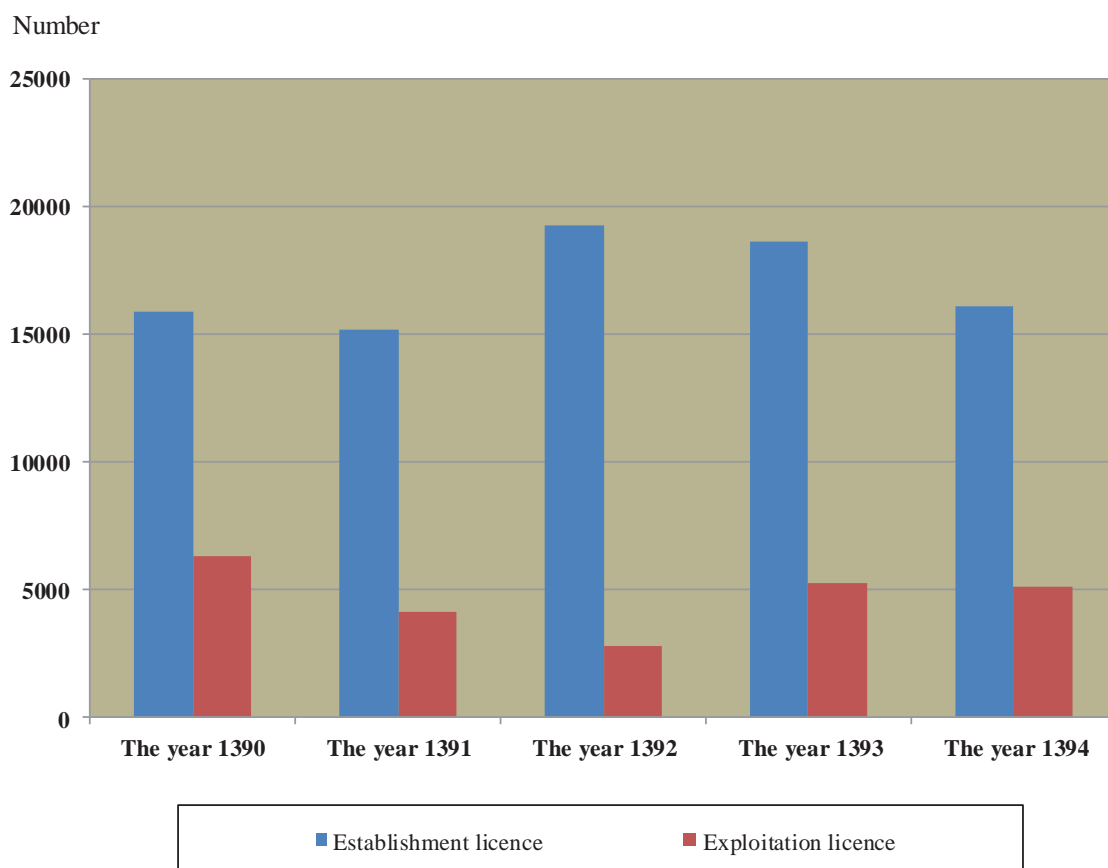
Industry	The year 1375	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394
<b>Total</b> .....	<b>3600</b>	<b>3550</b>	<b>6764</b>	<b>6292</b>	<b>4112</b>	<b>4369</b>	<b>5233</b>	<b>5107</b>
Manufacture of food products and beverages .....	645	651	833	1151	698	714	783	838
Manufacture of tobacco products .....	0	1	0	3	2	5	2	5
Manufacture of textiles .....	314	289	444	262	182	142	180	151
Manufacture of wearing apparel; dressing and dyeing of fur ..	150	193	115	65	39	48	49	47
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear .....	89	111	60	51	36	26	34	44
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	60	81	223	165	84	63	79	93
Manufacture of paper and paper products .....	112	106	168	163	114	107	163	131
Publishing, printing and reproduction of recorded media.....	11	24	28	11	11	10	13	17
Manufacture of coke, refined petroleum products and nuclear fuel .....	6	66	87	94	75	204	205	191
Manufacture of chemicals and chemical products.....	176	332	522	481	337	419	496	552
Manufacture of rubber and plastic products .....	287	325	979	851	598	672	713	609
Manufacture of other non-metallic mineral products .....	748	407	1731	1177	751	514	602	530
Manufacture of basic metals .....	103	120	208	344	169	300	369	326
Manufacture of fabricated metal products, except machinery and equipment.....	260	267	438	519	343	270	353	319
Manufacture of machinery and equipment n.e.c. ....	318	229	399	373	230	285	343	380
Manufacture of office, accounting and computing machinery.. ..	15	29	27	17	11	9	7	19
Manufacture of electrical machinery and apparatus n.e.c.....	121	78	131	163	110	124	178	150
Manufacture of radio, television and communication equipment and apparatus .....	16	16	20	31	21	19	26	19
Manufacture of medical, precision and optical instruments, watches and clocks .....	26	25	34	53	40	40	72	102
Manufacture of motor vehicles, trailers and semi-trailers .....	65	114	136	128	88	66	98	98
Manufacture of other transport equipment .....	27	51	54	36	21	18	27	29
Manufacture of furniture; manufacturing n.e.c.....	45	25	100	88	68	66	86	112
Recycling .....	6	10	27	63	37	39	78	74
Production of energy.....	×	×	×	×	0	4	3	2
Logistic and auxiliary activities of transport; travel agency activities.....	×	×	×	×	9	52	59	48
Computer and related activities.....	×	×	×	3	0	0	1	1
Other activities for engineering services.....	×	×	×	×	38	153	214	220

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 Tables 8.1. and 8.3.

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

Ostan and free zone	The year 1375	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394
<b>Total country</b> .....	-	-	-	-	-	<b>4369</b>	<b>5233</b>	<b>5107</b>
East Azarbayejan.....	-	-	-	-	-	451	577	494
West Azarbayejan .....	-	-	-	-	-	139	161	181
Ardebil.....	-	-	-	-	-	88	90	64
Esfahan .....	-	-	-	-	-	318	436	416
Alborz.....	-	-	-	-	-	190	257	292
Ilam .....	-	-	-	-	-	36	64	23
Bushehr .....	-	-	-	-	-	20	30	25
Tehran .....	-	-	-	-	-	313	310	568
Chaharmahal&Bakhtiari.....	-	-	-	-	-	73	96	73
South Khorasan .....	-	-	-	-	-	36	39	66
Khorasan-e-Razavi.....	-	-	-	-	-	179	442	303
North Khorasan .....	-	-	-	-	-	32	17	21
Khuzestan .....	-	-	-	-	-	128	139	129
Zanjan.....	-	-	-	-	-	102	95	115
Semnan.....	-	-	-	-	-	126	145	129
Sistan&Baluchestan .....	-	-	-	-	-	41	57	51
Fars .....	-	-	-	-	-	197	207	266
Qazvin .....	-	-	-	-	-	243	248	210
Qom .....	-	-	-	-	-	225	267	258
Kordestan .....	-	-	-	-	-	66	68	64
Kerman .....	-	-	-	-	-	115	102	109
Kermanshah .....	-	-	-	-	-	62	69	77
Kohgiluyeh&Boyerahmad.....	-	-	-	-	-	33	37	28
Golestan.....	-	-	-	-	-	79	97	86
Gilan.....	-	-	-	-	-	171	150	151
Lorestan.....	-	-	-	-	-	83	131	98
Mazandaran .....	-	-	-	-	-	228	204	189
Markazi .....	-	-	-	-	-	262	236	198
Hormozgan.....	-	-	-	-	-	43	66	57
Hamedan .....	-	-	-	-	-	81	75	64
Yazd .....	-	-	-	-	-	185	220	183
Aras Free Zone .....	-	-	-	-	-	3	30	50
Arvand Free Zone.....	-	-	-	-	-	1	0	9
Anzali Free Zone.....	-	-	-	-	-	6	65	34
Payam Free Zone.....	-	-	-	-	-	-	-	2
Chabahar Free Zone .....	-	-	-	-	-	0	1	7
Qeshm Free Zone .....	-	-	-	-	-	9	2	11
Kish Free Zone .....	-	-	-	-	-	1	0	0
Maku Free Zone .....	-	-	-	-	-	4	3	6

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 <sup>(1)</sup> ISSUED BY THE MINISTRY INDUSTRIES, MINE AND TRAD , BY TYPE OF INDUSTRY (person)**

Industry	The year 1375	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394
<b>Total .....</b>	<b>85133</b>	<b>74578</b>	<b>126155</b>	<b>109100</b>	<b>70960</b>	<b>78659</b>	<b>83021</b>	<b>78999</b>
Manufacture of food products and beverages .....	14185	14245	19762	18719	9654	14712	11999	9897
Manufacture of tobacco products.....	0	15	0	65	90	720	25	435
Manufacture of textiles .....	19503	6564	10275	4954	3876	3050	3702	3588
Manufacture of wearing apparel; dressing and dyeing of fur .....	2130	2708	1477	978	1298	1310	1248	757
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear..	1600	1211	834	497	614	342	226	530
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	721	992	2764	1817	1171	700	1041	1321
Manufacture of paper and paper products .....	2342	1353	2860	2401	1320	2023	2458	1864
Publishing, printing and reproduction of recorded media.....	90	229	424	125	108	214	440	199
Manufacture of coke, refined petroleum products and nuclear fuel.....	65	1126	1218	3230	871	3150	1963	2197
Manufacture of chemicals and chemical products ...	3659	13037	10485	8857	6479	6438	7570	8152
Manufacture of rubber and plastic products .....	4327	3856	12429	10797	6628	7276	7831	7186
Manufacture of other non metallic mineral products ..	12998	9252	25090	18215	13233	9874	10184	7398
Manufacture of basic metals .....	2253	2496	7421	9496	4656	8588	6069	6581
Manufacture of fabricated metal products, except machinery and equipment .....	7950	3869	9038	8620	6144	4794	5166	6360
Manufacture of machinery and equipment n.e.c.....	4566	4088	7639	6877	5663	5940	7041	7522
Manufacture of office, accounting and computing machinery.....	170	361	540	417	153	458	312	673
Manufacture of electrical machinery and apparatus n.e.c.....	2690	2692	4654	3741	1764	1670	3747	2498
Manufacture of radio, television and communication equipment and apparatus .....	2473	197	762	829	378	352	1348	886
Manufacture of medical, precision and optical instruments, watches and clocks .....	354	574	486	688	752	530	1288	2049
Manufacture of motor vehicles, trailers and semi-trailers .....	1307	2727	4557	4463	3535	1934	3091	1968
Manufacture of other transport equipment .....	872	2445	1804	1164	921	554	1151	666
Manufacture of furniture; manufacturing n.e.c.....	782	412	1300	1076	729	1016	1037	1991
Recycling .....	96	129	336	1072	368	440	1317	1774
Production of energy.....	×	×	×	×	0	44	64	23
Logistic and auxiliary activities of transport; travel agency activities.....	×	×	×	×	77	860	766	803
Computer and related activities.....	×	×	×	2	0	0	9	12
Other activities for engineering services.....	×	×	×	×	478	1670	1928	1669

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<sup>(1)</sup> ISSUED BY THE MINISTRY OF INDUSTRIES, MINE AND TRADE, BY TYPE OF INDUSTRY**

(billion rials)

Industry	The year 1375	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394
<b>Total .....</b>	<b>5365</b>	<b>13023</b>	<b>77172</b>	<b>155962</b>	<b>91684</b>	<b>152868</b>	<b>155552</b>	<b>180544</b>
Manufacture of food products and beverages.....	883	2070	11180	25780	15546	14171	25097	15806
Manufacture of tobacco products.....	0	2	0	135	120	756	170	1554
Manufacture of textiles .....	914	931	3548	7504	4792	5347	10012	7257
Manufacture of wearing apparel; dressing and dyeing of fur .....	17	40	122	68	105	291	461	266
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear .....	65	84	245	177	537	193	203	509
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plating materials .....	25	69	1038	1690	866	1990	1781	4410
Manufacture of paper and paper products .....	69	89	970	1895	3669	3355	9810	4861
Publishing, printing and reproduction of recorded media .....	8	54	200	166	309	2180	644	779
Manufacture of coke, refined petroleum products and nuclear fuel .....	6	160	657	18366	910	13628	3272	10004
Manufacture of chemicals and chemical products.....	304	2729	19781	19530	8514	9806	24255	44206
Manufacture of rubber and plastic products ...	397	1498	7158	8670	8173	12535	12097	9718
Manufacture of other non-metallic mineral products .....	849	1492	11219	23778	17742	20021	17933	19141
Manufacture of basic metals.....	136	1006	9713	27037	10792	33032	15956	19881
Manufacture of fabricated metal products, except machinery and equipment .....	542	539	4528	6646	5682	4521	6462	11229
Manufacture of machinery and equipment n.e.c. ....	220	514	1660	4801	3620	14320	5791	6065
Manufacture of office, accounting and computing machinery .....	27	34	253	221	172	236	262	149
Manufacture of electrical machinery and apparatus n.e.c. ....	761	377	1921	1851	1851	5544	4811	6709
Manufacture of radio, television and communication equipment and apparatus.....	23	8	158	184	130	203	431	835
Manufacture of medical, precision and optical instruments, watches and clocks .....	13	45	189	451	687	870	2869	1515
Manufacture of motor vehicles, trailers and semi-trailers .....	46	1167	1966	2873	1705	1703	3841	4696
Manufacture of other transport equipment .....	32	82	342	388	3795	925	2347	722
Manufacture of furniture; manufacturing n.e.c. ....	26	25	223	421	603	555	787	1200
Recycling .....	2	9	101	3330	329	543	2424	3160
Production of energy.....	×	×	×	×	0	119	295	294
Logistic and auxiliary activities of transport; travel agency activities.....	×	×	×	×	123	5204	1563	3741
Computer and related activities.....	×	×	×	//	0	0	//	13
Other activities for engineering services.....	×	×	×	×	912	821	1978	1826

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 1394**

Ostan	Total	Service	Manufacturing	Distributive
<b>Total country</b> .....	<b>271216</b>	<b>84154</b>	<b>49654</b>	<b>137408</b>
East Azarbayejan .....	13713	4590	3184	5939
West Azarbayejan .....	9625	2905	1710	5010
Ardebil .....	4288	1376	705	2207
Esfahan .....	23090	7881	5520	9689
Alborz .....	9250	3374	1349	4527
Ilam .....	2737	795	500	1442
Bushehr .....	4850	1331	623	2896
Tehran .....	41216	11519	8537	21160
Chaharmahal&Bakhtiari .....	4049	1097	745	2207
South Khorasan .....	3510	1186	619	1705
Khorasan-e-Razavi .....	20068	5944	3253	10871
North Khorasan .....	2559	613	526	1420
Khuzestan .....	10971	3397	1588	5986
Zanjan .....	3586	1136	820	1630
Semnan .....	3499	1169	525	1805
Sistan&Baluchestan .....	4506	1334	711	2461
Fars .....	15301	5110	2088	8103
Qazvin .....	4087	1280	620	2187
Qom .....	4124	1155	1003	1966
Kordestan .....	6757	1937	1282	3538
Kerman .....	8175	2582	1309	4284
Kermanshah .....	6559	2087	1265	3207
Kohgiluyeh&Boyerahmad .....	2958	897	353	1708
Golestan .....	7646	2129	1513	4004
Gilan .....	10327	3464	1625	5238
Lorestan .....	4874	1315	885	2674
Mazandaran .....	16632	5512	2773	8347
Markazi .....	5918	1922	1180	2816
Hormozgan .....	5255	1523	631	3101
Hamedan .....	6831	2194	1250	3387
Yazd .....	4255	1400	962	1893

Source: Ministry of Industry, Mine and Trade

**8.8. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY, OWNERSHIP AND SIZE<sup>(1)</sup>**

Year and industry	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
1375.....	321326	10938	1104	1329
1380.....	10987	8109	1249	1629
1385.....	16057	12151	1856	2050
1389.....	15301	10711	2229	2361
1390.....	14962	10481	2138	2343
1391.....	14787	10355	2200	2232
1392 <sup>(2)</sup> .....	14697	9973	2225	2499
<b>1393.....</b>	<b>14452</b>	<b>9772</b>	<b>2132</b>	<b>2548</b>
Manufacture of food products and beverages.....	2779	1928	410	441
Manufacture of tobacco products.....	5	0	1	4
Manufacture of textiles.....	1018	638	159	221
Manufacture of wearing apparel; dressing and dyeing of fur.....	119	85	13	21
Tanning and dressing of leather ; manufacture of luggage, handbags, saddlery, harness, and footwear.....	141	111	13	17
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	111	60	20	31
Manufacture of paper and paper products.....	328	210	65	53
Publishing, printing and reproduction of recorded media.....	150	121	12	17
Manufacture of coke, refined petroleum products and nuclear fuel.....	148	106	16	26
Manufacture of chemicals and chemical products.....	1039	605	180	254
Manufacture of rubber and plastic products.....	1005	726	153	126
Manufacture of other non-metallic mineral products.....	2978	2383	257	338
Manufacture of basic metals.....	673	355	132	186
Manufacture of fabricated metal products, except machinery and equipment.....	1072	709	186	177
Manufacture of machinery and equipment n.e.c.....	972	622	168	182
Manufacture of office, accounting and computing machinery.....	34	12	8	14
Manufacture of electrical machinery and apparatus n.e.c.....	475	256	107	112
Manufacture of radio, television and communication equipment and apparatus.....	69	37	17	15
Manufacture of medical, precision and optical instruments, watches and clocks.....	137	72	31	34
Manufacture of motor vehicles, trailers and semi-trailers.....	677	353	105	219
Manufacture of other transport equipment.....	120	70	23	27
Manufacture of furniture; manufacturing n.e.c.....	390	302	55	33
Recycling.....	12	11	1	0



**8.8. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY, OWNERSHIP AND SIZE<sup>(1)</sup> (continued)**

Year and industry	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 .....	319890	10492	954	786
1380 .....	10203	7852	1146	1205
1385 .....	15531	11944	1775	1812
1389 .....	14947	10559	2175	2213
1390 .....	14644	10340	2092	2212
1391 .....	14525	10246	2157	2122
1392 <sup>(2)</sup> .....	14371	9845	2188	2338
<b>1393</b> .....	<b>14092</b>	<b>9604</b>	<b>2077</b>	<b>2411</b>
Manufacture of food products and beverages .....	2695	1891	395	409
Manufacture of tobacco products .....	5	0	1	4
Manufacture of textiles .....	991	627	155	209
Manufacture of wearing apparel; dressing and dyeing of fur .....	119	85	13	21
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear .....	140	111	13	16
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	106	60	20	26
Manufacture of paper and paper products .....	321	207	63	51
Publishing, printing and reproduction of recorded media .....	141	116	10	15
Manufacture of coke, refined petroleum products and nuclear fuel .....	142	102	16	24
Manufacture of chemicals and chemical products .....	1015	601	178	236
Manufacture of rubber and plastic products .....	999	722	153	124
Manufacture of other non-metallic mineral products .....	2872	2312	236	324
Manufacture of basic metals .....	657	350	131	176
Manufacture of fabricated metal products, except machinery and equipment .....	1059	704	185	170
Manufacture of machinery and equipment n.e.c. ....	954	619	165	170
Manufacture of office, accounting and computing machinery .....	33	12	8	13
Manufacture of electrical machinery and apparatus n.e.c. ....	470	254	105	111
Manufacture of radio, television and communication equipment and apparatus .....	66	36	17	13
Manufacture of medical, precision and optical instruments, watches and clocks .....	127	66	30	31
Manufacture of motor vehicles, trailers and semi-trailers .....	670	351	105	214
Manufacture of other transport equipment .....	109	66	21	22
Manufacture of furniture; manufacturing n.e.c. ....	387	300	55	32
Recycling .....	12	11	1	0

**8.8. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY, OWNERSHIP AND SIZE<sup>(1)</sup> (continued)**

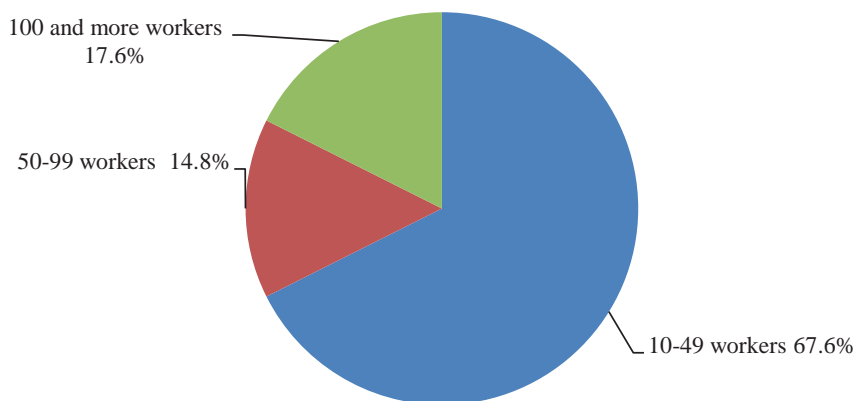
Year and industry	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
1375.....	1436	446	150	543
1380.....	784	257	103	424
1385.....	526	207	81	238
1389.....	354	153	54	148
1390.....	318	141	46	131
1391.....	261	109	43	110
1392 <sup>(2)</sup> .....	326	128	37	161
<b>1393.....</b>	<b>360</b>	<b>168</b>	<b>55</b>	<b>137</b>
Manufacture of food products and beverages.....	84	37	15	32
Manufacture of tobacco products.....	0	0	0	0
Manufacture of textiles.....	27	11	4	12
Manufacture of wearing apparel; dressing and dyeing of fur.....	0	0	0	0
Tanning and dressing of leather ; manufacture of luggage, handbags, saddlery, harness, and footwear.....	1	0	0	1
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.....	7	3	2	2
Publishing, printing and reproduction of recorded media.....	8	4	2	2
Manufacture of coke, refined petroleum products and nuclear fuel.....	6	4	0	2
Manufacture of chemicals and chemical products.....	24	4	2	18
Manufacture of rubber and plastic products.....	7	5	0	2
Manufacture of other non-metallic mineral products.....	105	71	20	14
Manufacture of basic metals.....	16	5	1	10
Manufacture of fabricated metal products, except machinery and equipment.....	14	6	1	7
Manufacture of machinery and equipment n.e.c.....	18	3	3	12
Manufacture of office, accounting and computing machinery.....	1	0	0	1
Manufacture of electrical machinery and apparatus n.e.c.....	5	2	2	1
Manufacture of radio, television and communication equipment and apparatus.....	3	1	0	2
Manufacture of medical, precision and optical instruments, watches and clocks.....	10	6	1	3
Manufacture of motor vehicles, trailers and semi-trailers.....	7	2	0	5
Manufacture of other transport equipment.....	11	4	2	5
Manufacture of furniture; manufacturing n.e.c.....	3	2	0	1
Recycling.....	0	0	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 and the difference between the total and sum of parts relates to the reason whose data were collected as sampling and were generalized across the country and non-response data are imputed .

2.Revised figures.

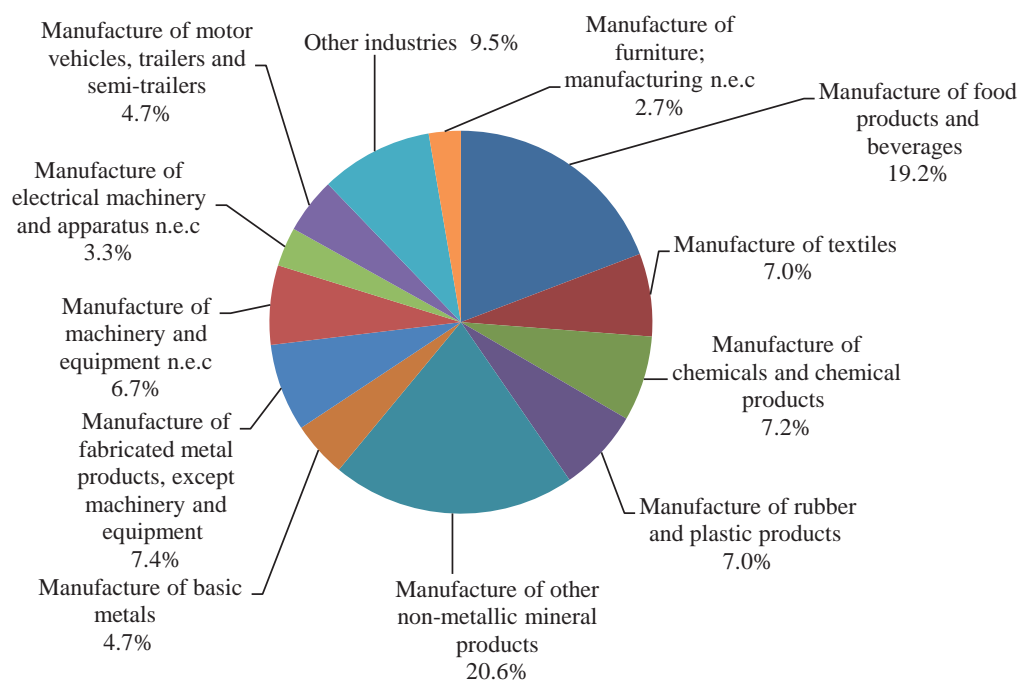
Source: Statistical Centre of Iran.

**8.2. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1393**



For data see Table 8.8.

**8.3. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY TYPE OF ACTIVITY, THE YEAR 1393**



For data see Table 8.8.

**8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSPAN<sup>(1)</sup>, THE YEAR 1393**

Ostan	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
<b>Total country</b> .....	<b>14452</b>	<b>9772</b>	<b>2132</b>	<b>2548</b>
East Azarbayejan.....	812	544	122	146
West Azarbayejan .....	305	234	33	38
Ardebil .....	161	131	19	11
Esfahan .....	1561	1030	250	281
Alborz .....	643	313	149	181
Ilam .....	31	25	3	3
Bushehr .....	84	55	16	13
Tehran .....	2224	1380	380	464
Chaharmahal&Bakhtiyari .....	275	235	16	24
South Khorasan .....	95	74	6	15
Khorasan-e-Razavi.....	967	625	155	187
North Khorasan .....	82	66	6	10
Khuzestan .....	349	210	56	83
Zanjan .....	213	108	41	64
Semnan.....	620	502	63	55
Sistan&Baluchestan .....	126	105	12	9
Fars .....	516	369	61	86
Qazvin .....	697	422	111	164
Qom .....	444	331	62	51
Kordestan .....	124	107	9	8
Kerman .....	812	681	65	66
Kermanshah .....	206	151	26	29
Kohgiluyeh&Boyerahmad .....	35	21	6	8
Golestan .....	317	239	44	34
Gilan.....	517	364	64	89
Lorestan.....	149	117	16	16
Mazandaran.....	619	418	93	108
Markazi .....	587	315	134	138
Hormozgan.....	136	98	14	24
Hamedan .....	310	243	37	30
Yazd .....	434	258	63	113

**8.9.MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSPAN<sup>(1)</sup>, THE YEAR 1393 (continued)**

Ostan	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
<b>Total country</b> .....	<b>14092</b>	<b>9604</b>	<b>2077</b>	<b>2411</b>
East Azarbayejan.....	788	533	117	138
West Azarbayejan .....	292	231	29	33
Ardebil .....	153	125	17	11
Esfahan .....	1537	1020	247	270
Alborz .....	628	304	149	175
Ilam .....	30	24	3	3
Bushehr .....	84	55	16	13
Tehran .....	2175	1370	371	434
Chaharmahal&Bakhtiyari .....	270	233	15	22
South Khorasan .....	91	73	4	14
Khorasan-e-Razavi.....	942	612	154	176
North Khorasan .....	80	65	5	10
Khuzestan .....	323	199	54	70
Zanjan .....	207	106	39	62
Semnan.....	613	495	63	55
Sistan&Baluchestan .....	123	103	12	8
Fars .....	511	368	61	82
Qazvin .....	678	416	107	155
Qom .....	439	331	60	48
Kordestan .....	117	100	9	8
Kerman .....	796	668	63	65
Kermanshah .....	193	144	22	27
Kohgiluyeh&Boyerahmad .....	30	19	5	6
Golestan .....	306	233	43	30
Gilan.....	505	359	60	86
Lorestan.....	144	114	16	14
Mazandaran.....	604	408	93	103
Markazi .....	571	308	131	132
Hormozgan.....	129	95	14	20
Hamedan .....	301	238	35	28
Yazd .....	430	254	63	113

**8.9.MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSPAN<sup>(1)</sup>, THE YEAR 1393(continued)**

Ostan	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
<b>Total country</b> .....	<b>360</b>	<b>168</b>	<b>55</b>	<b>137</b>
East Azarbayejan.....	24	11	5	8
West Azarbayejan .....	12	3	4	5
Ardebil .....	8	6	2	0
Esfahan .....	24	10	3	11
Alborz .....	16	10	0	6
Ilam .....	1	1	0	0
Bushehr .....	0	0	0	0
Tehran .....	49	10	9	30
Chaharmahal&Bakhtiyari .....	5	2	1	2
South Khorasan .....	4	1	2	1
Khorasan-e-Razavi.....	25	13	1	11
North Khorasan .....	2	1	1	0
Khuzestan .....	25	10	2	13
Zanjan .....	6	2	2	2
Semnan.....	8	8	0	0
Sistan&Baluchestan .....	3	2	0	1
Fars .....	5	1	0	4
Qazvin .....	19	6	4	9
Qom .....	5	0	2	3
Kordestan .....	7	7	0	0
Kerman .....	16	13	2	1
Kermanshah .....	13	7	4	2
Kohgiluyeh&Boyerahmad .....	5	2	1	2
Golestan .....	11	6	1	4
Gilan.....	12	5	4	3
Lorestan.....	5	3	0	2
Mazandaran.....	15	10	0	5
Markazi .....	16	7	3	6
Hormozgan.....	7	3	0	4
Hamedan .....	9	5	2	2
Yazd .....	4	4	0	0

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<sup>(1)</sup>**

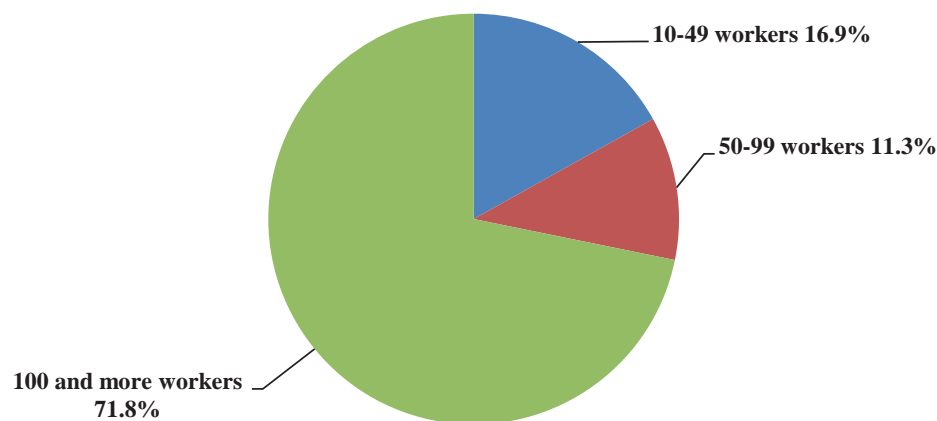
Year and size of establishments	Total workers	Wage and salary earners			Unpaid workers		
		Both sexes	Male	Female	Both sexes	Male	Female
1375 <sup>(2)</sup> .....	1611279	1209517	1142072	67445	401762	376290	25472
1380.....	921106	913255	845334	67921	7851	7557	294
1385.....	1071383	1060587	961222	99365	10796	10481	315
1389.....	1248649	1240380	1115096	125284	8269	8026	243
1390.....	1242983	1235796	1111092	124704	7187	6955	232
1391.....	1206331	1199814	1076899	122915	6518	6269	249
1392.....	1279577	1273139	1143558	129582	6438	6133	305
<b>1393.....</b>	<b>1309059</b>	<b>1303206</b>	<b>1168081</b>	<b>135125</b>	<b>5852</b>	<b>5620</b>	<b>232</b>
10-49 workers.....	221145	215803	188383	27420	5341	5142	199
50-99 workers .....	147988	147686	127478	20208	302	281	21
100 and more workers.....	939926	939717	852220	87497	209	197	12

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.

Source: Statistical Centre of Iran.

**8.4. DISTRIBUTION OF NATIONAL WORKERS OF THE MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1393**



For data see Table 8.10.

**8.11. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE<sup>(1)</sup>, THE YEAR 1393**

Industry	Total	10-49 workers	50-99 workers	100 and more workers
<b>Total</b> .....	<b>1309058</b>	<b>221144</b>	<b>147988</b>	<b>939926</b>
Manufacture of food products and beverages .....	216156	45060	28615	142481
Manufacture of tobacco products .....	7110	0	87	7023
Manufacture of textiles .....	83938	15071	11353	57514
Manufacture of wearing apparel; dressing and dyeing of fur .....	7566	1755	892	4919
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear ...	7250	2493	882	3875
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	9121	1312	1383	6426
Manufacture of paper and paper products .....	23477	5128	4362	13987
Publishing, printing and reproduction of recorded media .....	7558	2422	809	4327
Manufacture of coke, refined petroleum products and nuclear fuel .....	26271	2393	1069	22809
Manufacture of chemicals and chemical products .....	136341	14307	12358	109676
Manufacture of rubber and plastic products .....	63230	16674	10722	35834
Manufacture of other non-metallic mineral products	170007	48141	17250	104616
Manufacture of basic metals .....	134777	8920	9642	116215
Manufacture of fabricated metal products, except machinery and equipment .....	76677	16225	12924	47528
Manufacture of machinery and equipment n.e.c. ....	81224	14907	11572	54745
Manufacture of office, accounting and computing machinery .....	6443	341	518	5584
Manufacture of electrical machinery and apparatus n.e.c. ....	48633	6338	7461	34834
Manufacture of radio, television and communication equipment and apparatus .....	7637	946	1120	5571
Manufacture of medical, precision and optical instruments, watches and clocks .....	13803	1945	2107	9751
Manufacture of motor vehicles, trailers and semi-trailers .....	149111	8674	7434	133003
Manufacture of other transport equipment .....	14270	1615	1529	11126
Manufacture of furniture; manufacturing n.e.c. ....	18156	6264	3810	8082
Recycling .....	302	213	89	0

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<sup>(1)</sup> WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1393

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
<b>Total country</b> .....	<b>1309058</b>	<b>221144</b>	<b>147988</b>	<b>939926</b>
East Azarbayejan.....	72425	13299	8564	50562
West Azarbayejan .....	17858	5449	2260	10149
Ardebil .....	8032	2962	1381	3689
Esfahan .....	152848	25077	17517	110254
Alborz .....	68250	8046	10593	49611
Ilam .....	1287	567	165	555
Bushehr .....	17438	1267	1076	15095
Tehran .....	285701	32665	26700	226336
Chaharmahal&Bakhtiari .....	11111	3942	1055	6114
South Khorasan.....	5718	1505	444	3769
Khorasan-e-Razavi.....	84411	14923	10902	58586
North Khorasan .....	7599	1293	428	5878
Khuzestan .....	73103	4648	3839	64616
Zanjan .....	24767	2709	2775	19283
Semnan.....	29307	11402	4314	13591
Sistan&Baluchestan .....	4915	2154	809	1952
Fars .....	39660	8300	4206	27154
Qazvin .....	64902	10158	7686	47058
Qom .....	22833	7762	4147	10924
Kordestan .....	4415	2354	601	1460
Kerman .....	46008	10862	4646	30500
Kermanshah .....	14629	3024	1805	9800
Kohgiluyeh&Boyerahmad .....	3634	414	391	2829
Golestan .....	15598	5460	2933	7205
Gilan.....	33268	7920	4343	21005
Lorestan.....	8704	2138	1038	5528
Mazandaran.....	46934	9594	6193	31147
Markazi .....	69410	7984	9566	51860
Hormozgan.....	13538	1937	910	10691
Hamedan .....	14339	5013	2439	6887
Yazd .....	46416	6316	4262	35838

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 <sup>(1)</sup> .....	8572672	4835414	3737258
1380.....	20603571	11115613	9487958
1385 .....	56059937	30594745	25465191
1389.....	119143664	73141475	46002189
1390.....	142555622	85838966	56716656
1391.....	156881746	97184691	59697055
1392.....	213151387	129349196	83802191
<b>1393.....</b>	<b>288237963</b>	<b>175269991</b>	<b>112967973</b>
10-49 workers ... ..	27201348	20145346	7056002
50-99 workers .....	21021148	14697763	6323386
100 and more workers.....	240015467	140426882	99588585

Year and size of establishments	Male			Female		
	Total	Wages and salaries	Other payments	Total	Wages and salaries	Other payments
1375 <sup>(1)</sup> .....	8195940	4605521	3590419	376732	229893	146839
1380.....	19505178	10440534	9064644	1098393	675079	423314
1385 .....	52273095	28179940	24093155	3786841	2414805	1372036
1389.....	110032858	67065645	42967213	9110806	6075830	3034976
1390.....	131773548	78811401	52962147	10782074	7027565	3754508
1391.....	144215573	88873495	55342078	12666173	8311196	4354977
1392.....	196216081	118156488	78059594	16935305	11192708	5742598
<b>1393.....</b>	<b>265032685</b>	<b>160297199</b>	<b>104735486</b>	<b>23205278</b>	<b>14972792</b>	<b>8232486</b>
10-49 workers .....	24154380	17876972	6277408	3046968	2268374	778594
50-99 workers .....	18409418	12845169	5564249	2611730	1852594	759136
100 and more workers.....	222468887	129575058	92893829	17546580	10851824	6694756

1. Including establishments with 1 to 9 workers.

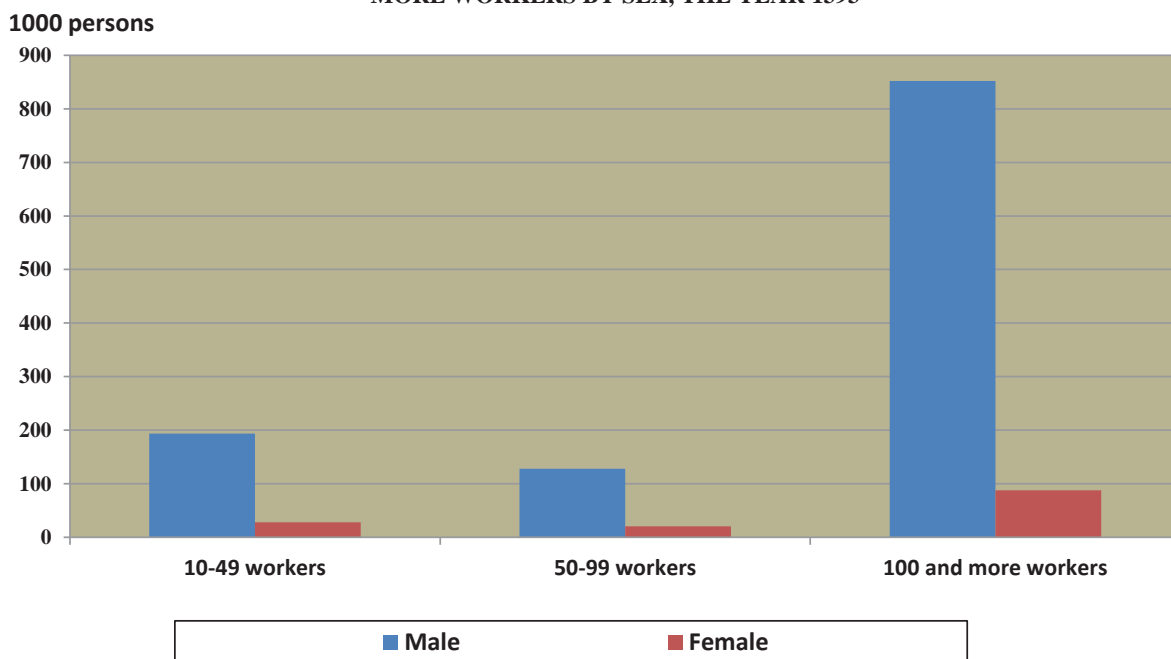
Source: Statistical Centre of Iran.

**8.14. COMPENSATION OF WAGE AND SALARY EARNERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE, THE YEAR 1393**  
(mln rials)

Industry	Total	10-49 workers	50-99 workers	100 and more workers
<b>Total.....</b>	<b>288237964</b>	<b>27201347</b>	<b>21021150</b>	<b>240015467</b>
Manufacture of food products and beverages .....	34085860	5165629	3759791	25160440
Manufacture of tobacco products .....	2116299	0	10509	2105790
Manufacture of textiles .....	11413053	1747505	1487751	8177797
Manufacture of wearing apparel; dressing and dyeing of fur .....	947165	160761	120260	666144
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	904809	307201	111685	485923
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	1591347	149059	211312	1230976
Manufacture of paper and paper products .....	3768160	605780	599900	2562480
Publishing, printing and reproduction of recorded media .....	1472352	345549	129845	996958
Manufacture of coke, refined petroleum products and nuclear fuel .....	15349747	331917	210359	14807471
Manufacture of chemicals and chemical products .....	38196901	1964813	1975664	34256424
Manufacture of rubber and plastic products .....	10726959	2056203	1577188	7093568
Manufacture of other non-metallic mineral products.....	30501488	5816594	2394189	22290705
Manufacture of basic metals .....	43803349	1238902	1433618	41130829
Manufacture of fabricated metal products, except machinery and equipment .....	13964554	2054942	1836227	10073385
Manufacture of machinery and equipment n.e.c. . .	14918043	1905232	1709205	11303606
Manufacture of office, accounting and computing machinery .....	1847902	44078	79918	1723906
Manufacture of electrical machinery and apparatus n.e.c.	9293741	832194	1082929	7378618
Manufacture of radio, television and communication equipment and apparatus .....	1284804	123549	169359	991896
Manufacture of medical, precision and optical instruments, watches and clocks .....	2250200	279852	305354	1664994
Manufacture of motor vehicles, trailers and semi- trailers	43751604	1134698	1047635	41569271
Manufacture of other transport equipment .....	3230885	189319	238476	2803090
Manufacture of furniture; manufacturing n.e.c. ....	2781212	721939	518077	1541196
Recycling .....	37530	25631	11899	0

Source: Statistical Centre of Iran.

**8.5. WORKERS OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SEX, THE YEAR 1393**



For data see Table 8.10.



**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 <sup>(1)</sup> .....	6729816	4763211	197923	288151
1380.....	7788901	5238956	391673	396065
1385.....	39367834	19877162	820981	900691
1389.....	81567852	51687017	2103413	1366076
1390 <sup>(2)</sup> .....	68341978	25337621	2758208	1688859
1391.....	93076034	47911923	1858503	2681061
1392.....	112810977	70054634	3126854	3154257
<b>1393.....</b>	<b>141146789</b>	<b>75523656</b>	<b>4351674</b>	<b>4553218</b>
10-49 workers .....	13587688	9750407	221238	441851
50-99 .....	9878708	6722322	280814	238395
100 and more workers .....	117680393	59050927	3849622	3872972

Year and size of establishments	Building (without land)	Land	Computer software
1375 <sup>(1)</sup> .....	1296131	184399	0
1380.....	1453493	195403	113310
1385.....	16800907	839623	128470
1389.....	22037512	4160814	213020
1390 <sup>(2)</sup> .....	25218510	12770679	568100
1391.....	35877621	3745639	1001287
1392.....	27723826	7919725	831682
<b>1393.....</b>	<b>48263503</b>	<b>6856736</b>	<b>1598002</b>
10-49 workers .....	1984175	1099065	90952
50-99 workers .....	2047916	513885	75376
100 and more workers .....	44231412	5243786	1431674

1. Including establishments with 1 to 9 workers.

2. Revised figures.

Source: Statistical Centre of Iran.

**8.16. INVESTMENT (CHANGES IN CAPITAL GOODS) IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE, THE YEAR 1393**  
(mln rials)

Industry	Total	10-49 workers	50-99 workers	100 and more workers
<b>Total.....</b>	<b>141146789</b>	<b>13587688</b>	<b>9878708</b>	<b>117680393</b>
Manufacture of food products and beverages .....	18571751	2698020	2896990	12976741
Manufacture of tobacco products .....	212391	0	350	212041
Manufacture of textiles .....	6953081	2649279	1136704	3167098
Manufacture of wearing apparel; dressing and dyeing of fur .....	110325	13021	2219	95085
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear .....	209791	36911	108673	64207
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	1070664	150561	48753	871351
Manufacture of paper and paper products .....	2184592	199129	103708	1881755
Publishing, printing and reproduction of recorded media .....	115189	92271	26376	-3459
Manufacture of coke, refined petroleum products and nuclear fuel .....	10124471	93536	77030	9953905
Manufacture of chemicals and chemical products .....	27063684	1028582	860819	25174283
Manufacture of rubber and plastic products .....	5439409	1036077	927652	3475680
Manufacture of other non-metallic mineral products.....	13041244	1777562	1109633	10154049
Manufacture of basic metals .....	24872407	399084	489454	23983868
Manufacture of fabricated metal products, except machinery and equipment .....	5372203	1585718	360001	3426484
Manufacture of machinery and equipment n.e.c. ....	5029277	776032	582084	3671160
Manufacture of office, accounting and computing machinery .....	39031	825	34123	4083
Manufacture of electrical machinery and apparatus n.e.c. ....	5299970	260192	447949	4591828
Manufacture of radio, television and communication equipment and apparatus .....	233500	10651	90041	132808
Manufacture of medical, precision and optical instruments, watches and clocks .....	696514	54190	106756	535568
Manufacture of motor vehicles, trailers and semi-trailers .....	13462439	279827	348873	12833739
Manufacture of other transport equipment .....	337088	160690	16872	159526
Manufacture of furniture; manufacturing n.e.c. ....	691998	276429	96977	318592
Recycling .....	15774	9102	6671	0

Source: Statistical Centre of Iran.

**8.17.VALUE OF INVENTORIES IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY SIZE, THE YEAR 1393**  
**(mln rials)**

Size of establishments	Beginning of the year ( first of Farvardin)				
	Total	Finished goods	Goods for resale without any changes	Work-in-progress	Primary materials, instruments,...
<b>Total .....</b>	<b>919257490</b>	<b>333221353</b>	<b>8305699</b>	<b>88981377</b>	<b>488749061</b>
10-49 workers .....	47857754	15361502	1321627	3017370	28157255
50-99 workers .....	56084505	16635383	799855	3387323	35261944
100 and more workers .....	815315231	301224468	6184217	82576684	425329862

Size of establishments	End of the year ( end of Esfand)				
	Total	Finished goods	Goods for resale without any changes	Work-in-progress	Primary materials, instruments,..
<b>Total .....</b>	<b>113587774</b>	<b>475674301</b>	<b>11891827</b>	<b>98347437</b>	<b>549964175</b>
10-49 workers .....	65442393	26181656	1190719	4899983	33170035
50-99 workers .....	77534465	31689166	1520287	3922180	40402832
100 and more workers .....	992900882	417803479	9180821	89525274	476391308

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 <sup>(1)</sup> .....	48344019	6391876	3083947	29530894
1380.....	117414672	12694916	7385402	97334354
1385.....	445633735	47115744	30499904	368018088
1389.....	1458182318	90517418	66355087	1301309814
1390.....	1927631663	112440303	85814452	1729376907
1391.....	2397865926	174019719	119910754	2103935453
1392 <sup>(2)</sup> .....	3852466319	197728401	160240826	3494497093
<b>1393.....</b>	<b>3854879015</b>	<b>216634309</b>	<b>174001632</b>	<b>3464243073</b>
Manufacture of food products and beverages .....	373919872	80729306	62501445	230689121
Manufacture of tobacco products .....	4409309	0	63636	4345673
Manufacture of textiles .....	59359106	10119962	7273575	41965569
Manufacture of wearing apparel; dressing and dyeing of fur .....	3046255	543912	416675	2085668
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear....	5412423	1824772	1449363	2138288
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	13726572	572251	2209863	10944458
Manufacture of paper and paper products .....	31105440	3282186	3060958	24762296
Publishing, printing and reproduction of recorded media .....	6328838	1341383	499783	4487672
Manufacture of coke, refined petroleum products and nuclear fuel .....	1527047545	4607411	5255106	1517185028
Manufacture of chemicals and chemical products .....	587299396	19368559	20894011	547036826
Manufacture of rubber and plastic products .....	71164322	17816981	12636552	40710789
Manufacture of other non-metallic mineral products...	104517226	21400930	7843134	75273162
Manufacture of basic metals .....	438388828	17152489	14100903	407135436
Manufacture of fabricated metal products, except machinery and equipment .....	68394210	13391183	8650851	46352175
Manufacture of machinery and equipment n.e.c. ....	83195201	5514607	6268018	71412576
Manufacture of office, accounting and computing machinery .....	5162478	181198	223775	4757505
Manufacture of electrical machinery and apparatus n.e.c. ....	58800869	5788035	7815111	45197724
Manufacture of radio, television and communication equipment and apparatus .....	21318300	943187	686083	19689029
Manufacture of medical, precision and optical instruments, watches and clocks .....	9680264	724159	1440243	7515863
Manufacture of motor vehicles, trailers and semi-trailers .....	356048980	5581106	5184241	345283633
Manufacture of other transport equipment .....	16044320	2680012	3459361	9904946
Manufacture of furniture; manufacturing n.e.c. ....	9628119	2524707	1733776	5369636
Recycling .....	881142	545974	335169	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.

**8.19. 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 workers
1375 <sup>(1)</sup> .....	82995974	9940992	4564494	52576042
1380.....	204090236	19958245	11504884	172627108
1385.....	715033120	70622170	44644532	599766418
1389.....	1952812264	130918293	94875780	1727018191
1390.....	2551964097	166919947	123536025	2261508123
1391.....	3246088527	248802904	171572841	2825712782
1392 <sup>(2)</sup> .....	5052613921	280401785	224728155	4547483981
<b>1393.....</b>	<b>5187243939</b>	<b>308926068</b>	<b>251318440</b>	<b>4626999431</b>
Manufacture of food products and beverages .....	517453214	103353012	86061302	328038900
Manufacture of tobacco products .....	7816559	0	84846	7731713
Manufacture of textiles .....	88280954	15624472	11188596	61467885
Manufacture of wearing apparel; dressing and dyeing of fur .....	5588859	928824	872860	3787175
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear .....	8270481	2623891	2151815	3494775
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	18616437	931460	2922861	14762116
Manufacture of paper and paper products.....	45899180	4956157	4577993	36365031
Publishing, printing and reproduction of recorded media .....	10436160	2109860	870494	7455807
Manufacture of coke, refined petroleum products and nuclear fuel .....	1620604001	6366304	6998007	1607239690
Manufacture of chemicals and chemical products	943210527	27489510	29722925	885998092
Manufacture of rubber and plastic products.....	106647404	25514013	17824375	63309016
Manufacture of other non-metallic mineral products .....	218517912	39049960	14968394	164499558
Manufacture of basic metals .....	679202142	21714869	19114396	638372878
Manufacture of fabricated metal products, except machinery and equipment .....	104346215	19651051	13161322	71533842
Manufacture of machinery and equipment n.e.c. ..	129346047	10065524	10101277	109179245
Manufacture of office, accounting and computing machinery .....	8975868	292116	334487	8349266
Manufacture of electrical machinery and apparatus n.e.c. ....	87289578	8652114	11644250	66993214
Manufacture of radio, television and communication equipment and apparatus .....	28561654	1342762	1144984	26073908
Manufacture of medical, precision and optical instruments, watches and clocks .....	16581911	1395864	2313663	12872384
Manufacture of motor vehicles, trailers and semi-trailers .....	499453445	8625771	7785305	483042370
Manufacture of other transport equipment.....	25932789	3356874	4264656	18311258
Manufacture of furniture; manufacturing n.e.c. ....	15236994	4277196	2838487	8121310
Recycling .....	975610	604464	371146	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.

**8.20. 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 <sup>(1)</sup> .....	34651959	3549115	1480547	23045148
1380.....	86675563	7263328	4119481	75292754
1385.....	269399385	23506426	14144628	231748330
1389.....	494629946	40400875	28520694	425708377
1390.....	624332432	54479644	37721573	532131216
1391.....	848222600	74783184	51662087	721777329
1392 <sup>(2)</sup> .....	1200147601	82673384	64487329	1052986888
<b>1393.....</b>	<b>1332364924</b>	<b>92291759</b>	<b>77316807</b>	<b>1162756358</b>
Manufacture of food products and beverages .....	143533341	22623706	23559857	97349779
Manufacture of tobacco products .....	3407250	0	21210	3386040
Manufacture of textiles .....	28921846	5504510	3915021	19502315
Manufacture of wearing apparel; dressing and dyeing of fur .....	2542604	384912	456185	1701507
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear .....	2858058	799119	702452	1356487
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	4889865	359210	712997	3817658
Manufacture of paper and paper products.....	14793741	1673971	1517035	11602735
Publishing, printing and reproduction of recorded media .....	4107321	768476	370711	2968134
Manufacture of coke, refined petroleum products and nuclear fuel .....	93556456	1758893	1742901	90054662
Manufacture of chemicals and chemical products ..	355911131	8120952	8828914	338961265
Manufacture of rubber and plastic products.....	35483082	7697032	5187823	22598227
Manufacture of other non-metallic mineral products .....	114000686	17649030	7125260	89226396
Manufacture of basic metals .....	240813315	4562380	5013493	231237442
Manufacture of fabricated metal products, except machinery and equipment .....	35952005	6259867	4510471	25181667
Manufacture of machinery and equipment n.e.c. ....	46150846	4550917	3833259	37766669
Manufacture of office, accounting and computing machinery .....	3813390	110918	110712	3591761
Manufacture of electrical machinery and apparatus n.e.c.....	28488708	2864079	3829139	21795490
Manufacture of radio, television and communication equipment and apparatus.....	7243354	399575	458901	6384879
Manufacture of medical, precision and optical instruments, watches and clocks .....	6901647	671705	873420	5356522
Manufacture of motor vehicles, trailers and semi-trailers .....	143404465	3044664	2601064	137758737
Manufacture of other transport equipment.....	9888469	676862	805294	8406312
Manufacture of furniture; manufacturing n.e.c .....	5608874	1752489	1104711	2751674
Recycling .....	94468	58491	35977	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.





**8.21. VALUE ADDED RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1393**  
(mln rials)

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
<b>Total country</b> .....	<b>1332364924</b>	<b>92291759</b>	<b>77316807</b>	<b>1162756358</b>
East Azarbayejan.....	51928343	5636875	3330384	42961083
West Azarbayejan .....	9728340	1466933	1149112	7112295
Ardebil .....	5417730	1741837	394201	3281692
Esfahan .....	141506248	10567700	7242277	123696271
Alborz .....	44561305	5845724	5088594	33626987
Ilam .....	1548411	283677	53067	1211667
Bushehr .....	130403158	660510	832024	128910625
Tehran .....	239619949	9715632	10405352	219498965
Chaharmahal & Bakhtiari .....	5811513	1984103	340206	3487204
South Khorasan .....	4282111	969453	366451	2946207
Khorasan-e-Razavi.....	57682614	5420667	3575820	48686126
North Khorasan .....	8010455	338663	138430	7533363
Khuzestan .....	159749801	2326497	6463142	150960162
Zanjan .....	17757248	1307454	1624742	14825052
Semnan.....	14383939	5154531	1800337	7429070
Sistan & Baluchestan .....	4303618	929427	874441	2499750
Fars .....	39452706	3272433	5882856	30297417
Qazvin .....	56003270	4690878	4347597	46964795
Qom .....	11478084	3792766	2002739	5682579
Kordestan .....	2241316	763635	273171	1204510
Kerman .....	80928829	3777176	2492103	74659549
Kermanshah .....	19937934	1981921	969632	16986381
Kohgiluyeh&Boyerahmad .....	1051351	132247	101981	817122
Golestan .....	8530372	2174839	2376329	3979204
Gilan.....	20572259	2231429	2021675	16319155
Lorestan.....	6103833	856590	586191	4661052
Mazandaran.....	24103934	3270869	2433323	18399742
Markazi .....	77932997	4020675	5602399	68309923
Hormozgan.....	33297638	1182516	1444941	30670181
Hamedan .....	8181064	2451751	1078191	4651123
Yazd .....	45854553	3342352	2025098	40487103

Source: Statistical Centre of Iran.

**8.22. CHARGES AND INDIRECT TAXES PAID BY MANUFACTURING ESTABLISHMENT  
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 <sup>(1)</sup> .....	355023	45028	17822	268116
1380.....	3572278	103338	77153	3391787
1385.....	4535570	250666	113564	4171340
1389.....	10849436	453121	343305	10053009
1390.....	27856160	1123198	989622	25743340
1391.....	16856821	973275	1085378	14798168
1392.....	18467769	1311568	1347269	15808932
<b>1393.....</b>	<b>17763970</b>	<b>1612993</b>	<b>1508772</b>	<b>14642204</b>
Manufacture of food products and beverages .....	1945296	204179	193606	1547512
Manufacture of tobacco products .....	73071	0	0	73071
Manufacture of textiles .....	654542	67130	65320	522092
Manufacture of wearing apparel; dressing and dyeing of fur .....	32515	7620	619	24277
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	50943	6401	303	44239
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	474096	3364	1272	469461
Manufacture of paper and paper products .....	88799	24586	18037	46176
Publishing, printing and reproduction of recorded media .....	49913	6278	1726	41909
Manufacture of coke, refined petroleum products and nuclear fuel .....	2510810	41018	182926	2286866
Manufacture of chemicals and chemical products .....	2267137	195174	216219	1855744
Manufacture of rubber and plastic products .....	611000	145133	132937	332931
Manufacture of other non-metallic mineral products.....	2428856	353949	119399	1955507
Manufacture of basic metals .....	1974502	125759	110766	1737977
Manufacture of fabricated metal products, except machinery and equipment .....	977715	137392	72152	768171
Manufacture of machinery and equipment n.e.c. ....	652882	107002	54575	491305
Manufacture of office, accounting and computing machinery .....	47629	173	268	47188
Manufacture of electrical machinery and apparatus n.e.c. ....	646572	40735	95894	509943
Manufacture of radio, television and communication equipment and apparatus .....	112050	14766	11803	85481
Manufacture of medical, precision and optical instruments, watches and clocks .....	85436	16701	8089	60646
Manufacture of motor vehicles, trailers and semi-trailers .....	1791162	69799	61428	1659935
Manufacture of other transport equipment .....	216799	19671	140803	56326
Manufacture of furniture; manufacturing n.e.c.....	71875	25799	20628	25448
Recycling ....	368	367	1	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.

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 <sup>(1)</sup> .....	2538283	212896	124976	1910300
1380.....	6170837	504636	376695	5289506
1385.....	25283503	1443561	1257215	22582727
1389.....	56526216	2224780	2281319	52020117
1390.....	67038876	3311368	4482653	59244855
1391.....	98106206	3870743	4623352	89612110
1392 <sup>(2)</sup> .....	111836679	4585158	4765949	102485572
<b>1393.....</b>	<b>159241340</b>	<b>5789138</b>	<b>5494271</b>	<b>147957931</b>
Manufacture of food products and beverages .....	14828327	1238742	1327136	12262449
Manufacture of tobacco products .....	487868	0	663	487206
Manufacture of textiles .....	1376683	179076	177487	1020119
Manufacture of wearing apparel; dressing and dyeing of fur .....	282063	19056	5477	257530
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear .....	186854	33070	18568	135217
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	395441	15628	48697	331116
Manufacture of paper and paper products .....	1462306	71276	96561	1294469
Publishing, printing and reproduction of recorded media .....	380816	52675	14510	313631
Manufacture of coke, refined petroleum products and nuclear fuel .....	29024237	80366	173416	28770455
Manufacture of chemicals and chemical products ..	40194487	519798	730811	38943879
Manufacture of rubber and plastic products.....	2486198	407350	371982	1706866
Manufacture of other non-metallic mineral products .....	9972267	894220	616084	8461963
Manufacture of basic metals .....	17581887	218054	299191	17064642
Manufacture of fabricated metal products, except machinery and equipment .....	4121000	315662	381437	3423900
Manufacture of machinery and equipment n.e.c. ....	6043336	317695	396210	5329431
Manufacture of office, accounting and computing machinery .....	796134	7822	20667	767644
Manufacture of electrical machinery and apparatus n.e.c. ....	3347360	989096	326075	2032189
Manufacture of radio, television and communication equipment and apparatus .....	317798	24754	37638	255406
Manufacture of medical, precision and optical instruments, watches and clocks .....	773135	44719	57217	671198
Manufacture of motor vehicles, trailers and semi-trailers .....	23087293	197314	213078	22676901
Manufacture of other transport equipment.....	1569764	51952	60452	1457360
Manufacture of furniture; manufacturing n.e.c. ....	485008	92639	98008	294361
Recycling .....	41079	18174	22905	0

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

Year and industry	Receipts			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 <sup>(1)</sup> .....	282024	23203	13229	177588
1380.....	334347	31664	19472	283210
1385.....	1912385	173881	92179	1646325
1389.....	4450513	350657	187012	3912844
1390.....	9434065	325883	418676	8689506
1391.....	7144471	357068	206915	6580488
1392 <sup>(2)</sup> .....	20971888	267532	186190	20518165
<b>1393.....</b>	<b>16367234</b>	<b>407897</b>	<b>901531</b>	<b>15057806</b>
Manufacture of food products and beverages .....	1401858	120836	366923	914099
Manufacture of tobacco products .....	167577	0	0	167577
Manufacture of textiles .....	457141	20512	10526	426103
Manufacture of wearing apparel; dressing and dyeing of fur .....	3062	0	0	3062
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear .....	660	212	33	416
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .....	104053	1043	0	103010
Manufacture of paper and paper products .....	174198	555	7483	166160
Publishing, printing and reproduction of recorded media .....	81150	76	137	80937
Manufacture of coke, refined petroleum products and nuclear fuel .....	1173956	43	436	1173477
Manufacture of chemicals and chemical products .....	5474675	34027	40661	5399987
Manufacture of rubber and plastic products .....	218956	6092	140496	72368
Manufacture of other non-metallic mineral products .....	766067	135590	25476	605001
Manufacture of basic metals .....	3395763	4298	127195	3264269
Manufacture of fabricated metal products, except machinery and equipment .....	135181	25057	23118	87006
Manufacture of machinery and equipment n.e.c. ....	152030	9893	51307	90830
Manufacture of office, accounting and computing machinery .....	344767	0	21227	323540
Manufacture of electrical machinery and apparatus n.e.c. ....	128948	4099	19983	104867
Manufacture of radio, television and communication equipment and apparatus .....	485549	42	426	485081
Manufacture of medical, precision and optical instruments, watches and clocks .....	18903	12519	60	6324
Manufacture of motor vehicles, trailers and semi-trailers .....	1573318	26763	58566	1487989
Manufacture of other transport equipment .....	90480	3065	52	87363
Manufacture of furniture; manufacturing n.e.c. ....	18761	2995	7427	8340
Recycling .....	180	180	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	The year 1375	The year 1380	The year 1385	The year 1389
Canned fish (tuna, sardines) .....	Ton	8088	18180	31049	27503
Pasteurized milk .....	Ton	575429	801395	1777833	2036484
Vegetable oil .....	Ton	789344	852353	1439754	1527075
Sugar (lump, granulated).....	1000 ton	637	1113	1319	1846
Non-alcoholic carbonated drinks (except diluted yogurt).....	Million bottles	3768	4818	4930	3024
Malt liquor .....	Million bottles	443	60	232	1001
Cigarettes .....	Million	11962	13359	27050	22354
Threads .....	Ton	173779	388790	552090	373616
Finished fabrics .....	Million meters	442	551	344	280
Machine-made carpets .....	1000 sq	20218	51875	41472	77245
Moquette.....	1000 sq	29994	43014	54508	59609
Blankets.....	1000 pieces	4430	8166	7523	5853
Papers.....	Ton	250721	315502	490815	486920
Detergent powders .....	Ton	226845	306249	562027	540839
Soap.....	Ton	70788	75918	68312	82869
Matches.....	Million boxes	2189	2351	1577	1047
Cement .....	1000 ton	16442	24755	32831	57181
Tile and Ceramic .....	1000 sq	47090	76827	147919	300173
Combines.....	Number	240	346	968	229
Tractors .....	Number	5452	12208	32929	18403
Road construction machinery .....	Number	425	612	3506	3084
Washing machines .....	Number	158956	212664	418167	689952
Switch and socket .....	1000	21527	24559	25787	21323
Radio and radio cassette recorders .....	Number	56262	129256	821439	356019
Colour TV.....	Number	433151	807964	619585	518832
Water meters .....	Number	515412	933741	618258	556391
Electricity meters .....	Number	763109	906671	562099	904236
Passenger cars and jeeps .....	Number	103110	332643	917165	1427539
Ambulances .....	Number	422	328	265	494
Trucks and light trucks .....	Number	3316	4303	20130	33624
Buses.....	Number	1177	1643	4111	4154
Minibuses.....	Number	122	3226	1765	3404
Vans.....	Number	16383	46639	155269	194594
Raw steel.....	1000 tons	-	-	-	-

**8.24. PRODUCTION OF SELECTED MANUFACTURED GOODS(continued)**

Commodity	Unit	The year 1390 <sup>(2)</sup>	The year 1391	The year 1392	The year 1393
Canned fish (tuna, sardines).....	Ton	22559	000	18353	18871
Pasteurized milk.....	Ton	2840857	000	1420199	1424074
Vegetable oil.....	Ton	1256023	000	1661609	1662190
Sugar (lump, granulated).....	1000 ton	1846	000	2324	2331
Non-alcoholic carbonated drinks (except diluted yogurt) <sup>(1)</sup> .....	Million bottles	3458	000	1714	1921
Malt liquor.....	Million bottles	1405	000	320	335
Cigarettes.....	Million	21708	000	25532	13110
Threads.....	Ton	411583	000	362897	357530
Finished fabrics.....	Million meters	246	000	282	244
Machine-made carpets.....	1000 sq	54618	000	30697	33256
Moquette.....	1000 sq	66936	000	66779	62947
Blankets.....	1000 pieces	4031	000	4555	3963
Papers.....	Ton	492570	000	549291	673499
Detergent powders.....	Ton	574685	000	549430	579993
Soap.....	Ton	78879	000	80797	81660
Matches.....	Million boxes	1116	000	646	660
Cement.....	1000 ton	63205	000	77465	66519
Tile and Ceramic.....	1000 sq	299698	000	363066	380854
Combines.....	Number	163	000	376	1014
Tractors.....	Number	23688	000	26101	23931
Road construction machinery.....	Number	1449	000	1269	1726
Washing machines.....	Number	333052	000	245305	271695
Switch and socket.....	1000	32038	000	22514	23555
Radio and radio cassette recorders.....	Number	554626	000	189864	477263
Colour TV.....	Number	406163	000	1195833	1214436
Water meters.....	Number	498494	000	605569	570539
Electricity meters.....	Number	3754963	000	1461240	1510893
Passenger cars and jeeps.....	Number	1627697	000	651942	994737
Ambulances.....	Number	385	000	5	19
Trucks and light trucks.....	Number	28656	000	7157	16119
Buses.....	Number	3252	000	450	403
Minibuses.....	Number	3768	000	142	206
Vans.....	Number	194004	000	97825	128562
Raw steel.....	1000 tons	-	-	15481	16334

1. Unit of measurement of the goods for the years 1392 and 1393 changed from mln bottles into mln litre.

2. Revised figures.

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 <sup>(1)</sup></i>				
1375.....	4369	77232	38829	1061236
1380.....	8764	138339	87105	1932083
1385.....	18329	237158	177488	2716607
1390.....	31662	327743	315094	6172181
1391.....	33540	371213	338309	9234466
1392.....	35223	389168	359795	14718077
1393.....	36250	396100	368914	21879214
<b>1394.....</b>	<b>37111</b>	<b>400138</b>	<b>378110</b>	<b>26612179</b>
<i>Cooperatives under establishment</i>				
1375.....	96	1124	779	20773
1380.....	475	5457	4911	75107
1385.....	3503	38966	36596	415501
1390.....	5824	48676	71936	411966
1391.....	6342	58801	81431	680966
1392.....	5648	49945	65919	5987509
1393.....	5209	47799	60873	1133696
<b>1394.....</b>	<b>5261</b>	<b>48868</b>	<b>58839</b>	<b>1159612</b>
<i>Operating cooperatives</i>				
1375.....	1628	65197	20935	889591
1380.....	3738	66788	46542	1550468
1385.....	8291	116028	88624	1935014
1390.....	12164	153375	120322	4731922
1391.....	11830	141156	113756	7356404
1392.....	11886	148588	121105	6193349
1393.....	12178	147811	124122	18539964
<b>1394.....</b>	<b>12016</b>	<b>142354</b>	<b>123572</b>	<b>18670934</b>



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

Ostan	Number	Member	Employed	Capital (mln rials)
East Azarbayejan .....	780	7566	7807	1279250
West Azarbayejan .....	230	1862	2718	348723
Ardebil.....	157	1443	1611	188152
Esfahan.....	421	7863	4018	305533
Alborz.....	180	1636	2589	99276
Ilam .....	183	1486	1389	32039
Bushehr .....	442	3758	5281	645288
Tehran .....	518	14306	12313	328225
Chaharmahal&Bakhtiyari.....	380	2858	2939	128503
South Khorasan .....	166	2073	1198	25859
Khorasan-e-Razavi.....	927	11556	8396	1135422
North Khorasan .....	224	1928	1940	98783
Khuzestan .....	673	5673	6943	87363
Zanjan.....	267	2164	2699	197946
Semnan .....	171	1702	2089	59125
Sistan&Baluchestan .....	234	3562	4674	246354
Fars .....	761	9432	6735	4665298
Qazvin .....	61	484	914	127117
Qom .....	161	1585	1574	294244
Kordestan .....	258	2080	2225	92158
Kerman .....	548	5906	4068	80848
Kermanshah .....	329	3253	3985	115664
Kohgiluyeh&Boyerahmad .....	179	1390	1889	430486
Golestan.....	404	2988	2753	5069013
Gilan.....	386	3826	3298	124543
Lorestan.....	817	7034	7711	161286
Mazandaran .....	707	6181	6518	581195
Markazi .....	298	3604	2611	331089
Hormozgan.....	472	3851	4097	926877
Hamedan .....	285	2291	3158	107677
Yazd .....	397	17013	3432	357598

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 <sup>(1)</sup></i>				
1375.....	669	102295	50128	18671
1380.....	997	114940	59489	31812
1385.....	1954	124127	71006	56162
1390.....	3031	92984	84082	131297
1391.....	3155	156864	88972	140742
1392.....	3324	157341	96578	639701
1393.....	3488	151212	98941	154043
<b>1394.....</b>	<b>3624</b>	<b>162354</b>	<b>101608</b>	<b>171834</b>
<i>Cooperatives under establishment</i>				
1375.....	1	8	120	6
1380.....	14	185	349	166
1385.....	344	2827	5228	13990
1390.....	443	4115	7546	57590
1391.....	488	5028	10068	59675
1392.....	458	4295	10975	60298
1393.....	499	4682	10173	58353
<b>1394.....</b>	<b>536</b>	<b>5052</b>	<b>12003</b>	<b>51428</b>
<i>Operating cooperatives</i>				
1375.....	261	58739	24002	9541
1380.....	463	67906	31010	19454
1385.....	963	73234	36791	29045
1390.....	1343	67882	33792	41860
1391.....	1289	69563	30973	52724
1392.....	1154	57115	27133	54343
1393.....	1189	48916	28007	59335
<b>1394.....</b>	<b>1203</b>	<b>58548</b>	<b>27656</b>	<b>69447</b>

**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 .....	108	2787	1146	17642
West Azarbayejan .....	34	2315	2446	5259
Ardebil.....	32	271	385	493
Esfahan .....	38	32823	4185	7799
Alborz .....	12	95	182	69
Ilam .....	31	295	485	457
Bushehr .....	22	163	353	833
Tehran .....	55	765	1778	714
Chaharmahal&Bakhtiyari .....	34	2249	3909	2355
South Khorasan .....	16	274	240	697
Khorasan-e-Razavi.....	113	2941	2196	5357
North Khorasan .....	22	172	131	514
Khuzestan .....	49	860	885	3700
Zanjan .....	26	196	345	382
Semnan.....	13	185	251	524
Sistan&Baluchestan .....	10	139	376	93
Fars .....	56	3897	1593	655
Qazvin .....	12	84	118	158
Qom .....	5	39	84	430
Kordestan .....	15	1385	563	542
Kerman .....	68	1800	773	11566
Kermanshah .....	20	484	523	446
Kohgiluyeh&Boyerahmad .....	5	60	60	69
Golestan .....	48	598	476	434
Gilan.....	47	432	543	272
Lorestan.....	166	1963	2099	3144
Mazandaran.....	39	326	465	558
Markazi .....	24	209	286	548
Hormozgan.....	48	420	430	1164
Hamedan .....	14	101	162	282
Yazd .....	21	220	188	2291

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

*Source: Ministry of Cooperatives.*

