

Introduction

The country's first manufacturing survey was launched in 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 GMM 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 Industries and Mines, 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 7.1 through 7.5 are related to the establishments supervised by the Ministry of Industries and Mines, 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.

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 4, 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 4, Definitions and concepts.

Compensation of wage/salary earners: see Chapter 4, Definitions and concepts.

Other payments (money, goods, etc.): see Chapter 4, Definitions and concepts.

Investment (changes in capital assets): see Chapter 4, Definitions and concepts.

Capital assets: see Chapter 4, 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: 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: 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 1389, there were 15302 manufacturing establishments with 10 and more workers totaling 1249721 employed persons, which show 5 and 0.2% decrease respectively compared to the previous year. The ownership of 98 percent of the establishments was for the private sector and about 2 percent for the public sector. Besides, from among the said number of the employed, 19.6 percent were employed in the establishments with 10-49 workers, 12 percent in the establishments with 50-99 workers and 68.4 percent were employees of the establishments with 100 and more workers.

In the year 1389, the amount of investment made in manufacturing establishments with 10 and more workers was about 81662 bln rials which shows about 13 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 496071 bln rials which represents a 12.3 increase compared to the preceding year. Out of the mentioned amount of value added, 8.5 percent is related to the production of the coke, oil refineries and nuclear fuels, 20 percent is related to production of chemicals and chemical products, 10.6 percent relates to non-metallic mineral products, 15.1 percent relates to production of other basic metals, 16 percent relates to the production of motor vehicles, trailers and semi-trailers, 4.1 percent is related to the production of machinery and unclassified equipment in other places and 9.3 percent is allocated to the production of food and beverages. The figures show that the seven cited activities contain 83.6% of the total value added of the industrial activities.

In the year 1389, over 1527 thousand tons of vegetable oil, 1846 thousand tons sugar and hard sugar, 57181 thousand tons cement, over 486 thousand tons paper as well as 1427539 sets of passenger cars and jeeps were produced in the manufacturing establishments.

7. 1. LICENCES⁽¹⁾ ISSUED BY THE MINISTRY OF INDUSTRIES AND BUSINESS FOR ESTABLISHING MANUFACTURING ESTABLISHMENTS BY TYPE OF INDUSTRY

Industry	1375	1380	1385	1386	1387 ⁽³⁾	1388 ⁽²⁾	1389 ⁽²⁾	1390
Total	9182	17098	54288	48235	26239	13380	15813	15872
Manufacture of food products and beverages	2065	2861	9849	8854	4741	2626	2993	2948
Manufacture of tobacco products	0	2	7	12	4	13	5	2
Manufacture of textiles	822	1161	2683	1868	708	505	508	529
Manufacture of wearing apparel; dressing and dyeing of fur	245	1164	1997	1186	405	203	217	260
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	153	230	506	360	187	70	78	79
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	288	405	1780	1557	830	400	502	528
Manufacture of paper and paper products.....	532	600	1655	1429	910	448	504	462
Publishing, printing and reproduction of recorded media	27	63	204	102	36	28	41	33
Manufacture of coke, refined petroleum products and nuclear fuel.....	49	142	456	342	210	144	164	199
Manufacture of chemicals and chemical products	845	1298	3255	2601	1360	804	856	912
Manufacture of rubber and plastic products	965	1340	6573	6508	3313	1220	1744	1846
Manufacture of other non-metallic mineral products	888	2528	8674	9328	5965	3170	3783	3936
Manufacture of basic metals	391	555	2089	2013	1117	539	683	606
Manufacture of fabricated metal products, except machinery and equipment	452	1289	4558	3957	2403	1179	1319	1353
Manufacture of machinery and equipment n.e.c.....	564	1196	3572	2761	1422	757	897	797
Manufacture of office, accounting and computing machinery	33	241	435	242	78	30	40	25
Manufacture of electrical machinery and apparatus n.e.c.....	225	552	1495	1257	677	330	390	351
Manufacture of radio, television and communication equipment and apparatus	167	128	304	213	100	48	44	53
Manufacture of medical, precision and optical instruments, watches and clocks	153	169	372	350	192	96	110	113
Manufacture of motor vehicles, trailers and semi-trailers	141	579	1306	1105	598	310	333	280
Manufacture of other transport equipment.....	61	243	413	362	183	91	104	99
Manufacture of furniture; manufacturing n.e.c.	72	279	1298	1017	462	210	287	218
Recycling	44	73	807	803	324	157	205	239
Computer and related activities.....	×	×	×	8	14	2	6	4

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

2. Revised figures

3. The reason for decrease in figures compared to the previous year is due to employing new policies by the Ministry of Industries, Mine and Business for organizing of establishment license issuance based on presentation of justification plan and priority of the products from the beginning of the year 1387.

Source: Ministry of Industries, Mine and Business.

7.2. EXPLOITATION LICENSES ⁽¹⁾ ISSUED BY THE MINISTRY OF INDUSTRIES, MINE AND BUSINESS FOR ESTABLISHING OF MANUFACTURING ESTABLISHMENTS, BY TYPE OF INDUSTRY
(number)

Industry	1375	1380	1385	1386	1387	1388 ⁽²⁾	1389 ⁽²⁾	1390
Total	3600	3550	6764	8731	7689	6661	6878	6292
Manufacture of food products and beverages	645	651	833	1181	1195	1141	1359	1151
Manufacture of tobacco products	0	1	0	2	2	0	5	3
Manufacture of textiles	314	289	444	533	399	321	341	262
Manufacture of wearing apparel; dressing and dyeing of fur...	150	193	115	148	106	95	86	65
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	89	111	60	50	66	46	86	51
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	60	81	223	263	210	172	168	165
Manufacture of paper and paper products	112	106	168	224	206	195	189	163
Publishing, printing and reproduction of recorded media	11	24	28	32	19	26	13	11
Manufacture of chemicals and chemical products.....	6	66	87	102	86	95	93	94
Manufacture of rubber and plastic products	176	332	522	575	497	426	457	481
Manufacture of other non-metallic mineral products	287	325	979	1315	899	771	730	851
Manufacture of basic metals	748	407	1731	2091	1899	1488	1323	1177
Manufacture of fabricated metal products, except machinery and equipment.....	103	120	208	340	293	282	356	344
Manufacture of machinery and equipment n.e.c. ..	260	267	438	638	643	526	583	519
Manufacture of office, accounting and computing machinery.	318	229	399	486	505	397	387	373
Manufacture of electrical machinery and apparatus n.e.c	15	29	27	34	18	23	18	17
Manufacture of radio, television and communication equipment and apparatus	121	78	131	201	206	196	184	163
Manufacture of medical, precision and optical instruments, watches and clocks	16	16	20	26	23	24	29	31
Manufacture of motor vehicles, trailers and semi-trailers.....	26	25	34	61	43	52	62	53
Manufacture of motor vehicles, trailers and semi-trailers.....	65	114	136	185	148	157	172	128
Manufacture of other transport equipment	27	51	54	48	46	38	43	36
Manufacture of furniture; manufacturing n.e.c.....	45	25	100	137	119	105	99	88
Recycling.....	6	10	27	46	52	65	62	63
Computer and related activities.....	×	×	×	13	9	20	33	3

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

2. Revised figure.

Source: Ministry of Industries, Mine and Business.

7.3. VACANCIES CREATED IN MANUFACTURING ESTABLISHMENTS WITH EXPLOITATION LICENCE ⁽¹⁾ ISSUED BY THE MINISTRY INDUSTRIES, MINE AND BUSINESS, BY TYPE OF INDUSTRY (person)

Industry	1375	1380	1385	1386	1387	1388 ⁽²⁾	1389 ⁽²⁾	1390
Total	85133	74578	126155	167342	146394	140598	131225	109100
Manufacture of food products and beverages	14185	14245	19762	26628	24143	22307	23923	18719
Manufacture of tobacco products.....	0	15	0	17	567	0	2281	65
Manufacture of wearing apparel; dressing and dyeing of fur.....	19503	6564	10275	9374	6449	6379	6589	4954
Manufacture of wearing apparel; dressing and dyeing of fur	2130	2708	1477	1945	2065	1714	1707	978
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	1600	1211	834	783	727	714	831	497
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	721	992	2764	2425	1925	2312	1689	1817
Manufacture of paper and paper products	2342	1353	2860	3189	3131	3574	2393	2401
Publishing, printing and reproduction of recorded media.....	90	229	424	728	494	479	171	125
Manufacture of coke, refined petroleum products and nuclear fuel.....	65	1126	1218	2359	4298	2278	3999	3230
Manufacture of chemicals and chemical products	3659	13037	10485	10368	12021	10442	9308	8857
Manufacture of rubber and plastic products	4327	3856	12429	14514	10574	8554	8222	10797
Manufacture of other non metallic mineral products ...	12998	9252	25090	28838	36137	25950	27707	18215
Manufacture of basic metals	2253	2496	7421	8076	11716	17809	9790	9496
Manufacture of fabricated metal products, except machinery and equipment	7950	3869	9038	10993	9661	8681	10850	8620
Manufacture of machinery and equipment n.e.c....	4566	4088	7639	9309	6794	7301	6226	6877
Manufacture of office, accounting and computing machinery.....	170	361	540	849	191	559	660	417
Manufacture of electrical machinery and apparatus n.e.c.....	2690	2692	4654	4380	4405	4977	4409	3741
Manufacture of radio, television and communication equipment and apparatus	2473	197	762	352	398	731	838	829
Manufacture of medical, precision and optical instruments, watches and clocks	354	574	486	1498	584	701	1940	688
Manufacture of motor vehicles, trailers and semi-trailers	1307	2727	4557	26991	5934	10939	4093	4463
Manufacture of other transport equipment	872	2445	1804	1048	826	1589	1341	1164
Manufacture of furniture; manufacturing n.e.c.....	782	412	1300	1717	1906	1549	1388	1076
Recycling.....	96	129	336	672	1438	1051	856	1072
Computer and related activities.....	×	×	0	289	10	8	14	2

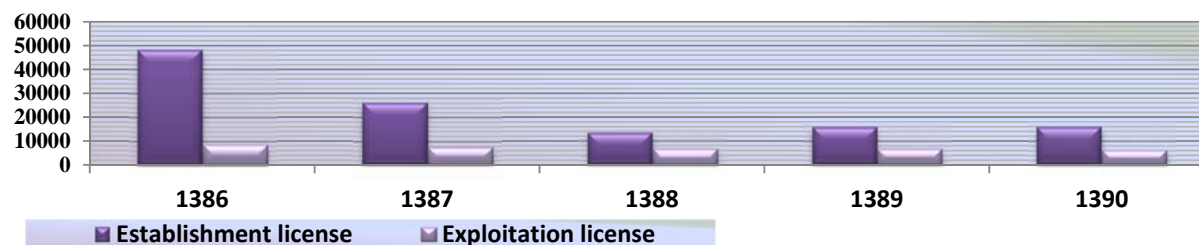
1. Including exploitation licenses issued for starting new establishments, expansion of existing establishments and establishments without license.

2. Revised figures

Source: Ministry of Industries, Mine and Business.

7.1 ESTABLISHMENT AND EXPLOITATION LICENSES ISSUED BY THE MINISTRY OF INDUSTRIES, MINE AND BUSINESS FOR MANUFACTURING ESTABLISHMENTS

Thousand numbers



For data see Tables 7.1 and 7.2.

7. 4. INVESTMENT MADE IN MANUFACTURING ESTABLISHMENTS WITH EXPLOITATION LICENCE⁽¹⁾ ISSUED BY THE MINISTRY OF INDUSTRIES, MINE AND BUSINESS, BY TYPE OF INDUSTRY
(billion-rials)

Industry	1375	1380	1385	1386	1387	1388 ⁽²⁾	1389 ⁽²⁾	1390
Total	5365	13023	77172	138705	226679	207403	194673	155962
Manufacture of food products and beverages.....	883	2070	11180	13358	19177	20980	26289	25780
Manufacture of tobacco products.....	0	2	0	5	132	0	5181	135
Manufacture of textiles	914	931	3548	6860	5993	5789	8950	7504
Manufacture of wearing apparel; dressing and dyeing of fur	17	40	122	202	734	130	357	68
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	65	84	245	539	480	451	347	177
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	25	69	1038	1054	1107	1927	1147	1690
Manufacture of paper and paper products	69	89	970	3119	2639	5555	2025	1895
Publishing, printing and reproduction of recorded media	8	54	200	771	271	1296	208	166
Manufacture of coke, refined petroleum products and nuclear fuel	6	160	657	19915	16498	23367	19785	18366
Manufacture of chemicals and chemical products.....	304	2729	19781	29500	49228	29562	14695	19530
Manufacture of rubber and plastic products	397	1498	7158	8129	8333	5848	9236	8670
Manufacture of other non-metallic mineral products	849	1492	11219	20996	53484	43991	37737	23778
Manufacture of basic metals.....	136	1006	9713	8954	51047	37921	31346	27037
Manufacture of fabricated metal products, except machinery and equipment	542	539	4528	4267	6190	7854	10996	6646
Manufacture of machinery and equipment n.e.c.	220	514	1660	3273	3063	4138	15109	4801
Manufacture of office, accounting and computing machinery	27	34	253	791	112	299	597	221
Manufacture of electrical machinery and apparatus n.e.c.	761	377	1921	1971	1926	3859	3585	1851
Manufacture of radio, television and communication equipment and apparatus.....	23	8	158	221	392	272	527	184
Manufacture of medical, precision and optical instruments, watches and clocks	13	45	189	411	449	742	559	451
Manufacture of motor vehicles, trailers and semi-trailers	46	1167	1966	13100	3871	10150	4552	2873
Manufacture of other transport equipment	32	82	342	255	519	2070	404	388
Manufacture of furniture; manufacturing n.e.c.	26	25	223	525	487	604	538	421
Recycling	2	9	101	489	547	598	503	3330
Computer and related activities.....	×	×	×	0	0	0	0	0

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

2. Revised figures

Source: Ministry of Industries, Mine and Business.

7. 5. ESTABLISHMENT⁽¹⁾ AND EXPLOITATION⁽²⁾ LICENCES ISSUED BY THE MINISTRY OF INDUSTRIES, MINE AND BUSINESS FOR MANUFACTURING ESTABLISHMENTS BY OSTAN , THE YEAR 1390

Ostan	Establishment licence ⁽¹⁾	Exploitation licence ⁽²⁾
Total country	15872	6292
East Azarbayejan.....	2047	635
West Azarbayejan	454	216
Ardebil	148	137
Esfahan	868	485
Alborz	249	197
Ilam	101	51
Bushehr	206	34
Tehran	319	652
Chaharmahal&Bakhtiyari ...	197	112
South Khorasan.....	66	47
Khorasan-e-Razavi.....	1082	481
North Khorasan	190	45
Khuzestan	554	183
Zanjan	602	125
Semnan.....	424	136
Sistan&Baluchestan	371	69
Fars	1671	241
Qazvin	476	315
Qom	389	183
Kordestan	331	74
Kerman	621	164
Kermanshah	305	79
Kohgiluyeh & Boyerahmad	128	38
Golestan	346	121
Gilan.....	271	289
Lorestan.....	237	115
Mazandaran.....	789	275
Markazi	852	278
Hormozgan.....	312	76
Hamedan	309	100
Yazd	957	339

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

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

Source: Ministry of Industries, Mine and Business.

7. 6. 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
1386 ⁽²⁾	15878	11780	1963	2135
1387 ⁽²⁾	17071	12300	2210	2561
1388 ⁽²⁾	16131	11441	2186	2504
1389⁽²⁾.....	15302	10712	2229	2361
Manufacture of food products and beverages	2757	1934	423	401
Manufacture of tobacco products	2	0	0	2
Manufacture of textiles	1171	769	187	215
Manufacture of wearing apparel; dressing and dyeing of fur	146	116	9	22
Tanning and dressing of leather ; manufacture of luggage, handbags, saddlery, harness, and footwear....	175	142	20	12
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	137	107	15	15
Manufacture of paper and paper products	327	236	52	39
Publishing, printing and reproduction of recorded media	221	178	19	24
Manufacture of coke, refined petroleum products and nuclear fuel	136	100	15	21
Manufacture of chemicals and chemical products	942	596	139	207
Manufacture of rubber and plastic products	1006	761	129	116
Manufacture of other non-metallic mineral products...	3305	2673	322	310
Manufacture of basic metals	648	384	113	151
Manufacture of fabricated metal products, except machinery and equipment	1190	831	198	161
Manufacture of machinery and equipment n.e.c.	1027	641	207	179
Manufacture of office, accounting and computing machinery	33	12	6	15
Manufacture of electrical machinery and apparatus n.e.c.	490	271	93	126
Manufacture of radio, television and communication equipment and apparatus	68	35	16	17
Manufacture of medical, precision and optical instruments, watches and clocks	162	92	38	32
Manufacture of motor vehicles, trailers and semi-trailers	716	346	138	231
Manufacture of other transport equipment	155	101	25	29
Manufacture of furniture; manufacturing n.e.c.	479	379	65	35
Recycling	9	7	1	1

7. 6. 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
1386 ⁽²⁾	15404	11587	1899	1918
1387 ⁽²⁾	16589	12116	2134	2339
1388 ⁽²⁾	15726	11276	2132	2318
1389⁽²⁾	14945	10560	2173	2212
Manufacture of food products and beverages	2681	1905	404	372
Manufacture of tobacco products	1	0	0	1
Manufacture of textiles	1156	765	183	208
Manufacture of wearing apparel; dressing and dyeing of fur .	146	116	9	22
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	175	142	20	12
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	133	106	15	12
Manufacture of paper and paper products	325	236	52	37
Publishing, printing and reproduction of recorded media.....	205	174	15	16
Manufacture of coke, refined petroleum products and nuclear fuel	125	100	15	10
Manufacture of chemicals and chemical products	911	594	136	181
Manufacture of rubber and plastic products	1000	757	129	114
Manufacture of other non-metallic mineral products.....	3178	2578	306	293
Manufacture of basic metals	636	383	113	140
Manufacture of fabricated metal products, except machinery and equipment	1178	826	196	156
Manufacture of machinery and equipment n.e.c.	1017	637	204	176
Manufacture of office, accounting and computing machinery	32	12	5	15
Manufacture of electrical machinery and apparatus n.e.c.	486	271	92	123
Manufacture of radio, television and communication equipment and apparatus	67	35	16	16
Manufacture of medical, precision and optical instruments, watches and clocks	155	90	36	29
Manufacture of motor vehicles, trailers and semi-trailers.....	708	346	138	223
Manufacture of other transport equipment	148	101	24	23
Manufacture of furniture; manufacturing n.e.c.	477	379	65	33
Recycling	7	6	1	0

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

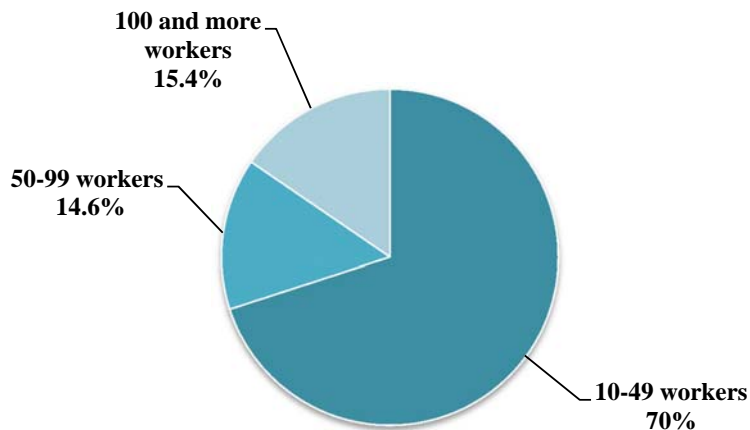
Year and industry	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	1436	446	150	543
1380	784	257	103	424
1385.....	526	207	81	238
1386 ⁽²⁾	474	193	64	217
1387 ⁽²⁾	482	184	76	222
1388 ⁽²⁾	405	165	55	186
1389⁽²⁾.....	354	153	54	148
Manufacture of food products and beverages	77	29	19	29
Manufacture of tobacco products	1	0	0	1
Manufacture of textiles	15	4	4	7
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	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	4	1	0	3
Manufacture of paper and paper products	2	0	0	2
Publishing, printing and reproduction of recorded media.....	17	5	4	8
Manufacture of coke, refined petroleum products and nuclear fuel	11	0	0	11
Manufacture of chemicals and chemical products	31	2	3	26
Manufacture of rubber and plastic products	6	4	0	2
Manufacture of other non-metallic mineral products.....	126	95	15	17
Manufacture of basic metals	11	1	0	10
Manufacture of fabricated metal products, except machinery and equipment	12	5	2	5
Manufacture of machinery and equipment n.e.c.	10	4	3	3
Manufacture of office, accounting and computing machinery	1	0	1	0
Manufacture of electrical machinery and apparatus n.e.c.....	3	0	0	3
Manufacture of radio, television and communication equipment and apparatus	1	0	0	1
Manufacture of medical, precision and optical instruments, watches and clocks	7	2	2	3
Manufacture of motor vehicles, trailers and semi-trailers.....	8	0	0	8
Manufacture of other transport equipment	7	0	1	6
Manufacture of furniture; manufacturing n.e.c.	2	0	0	2
Recycling	2	1	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 generalized across the country and non-response data are imputed .

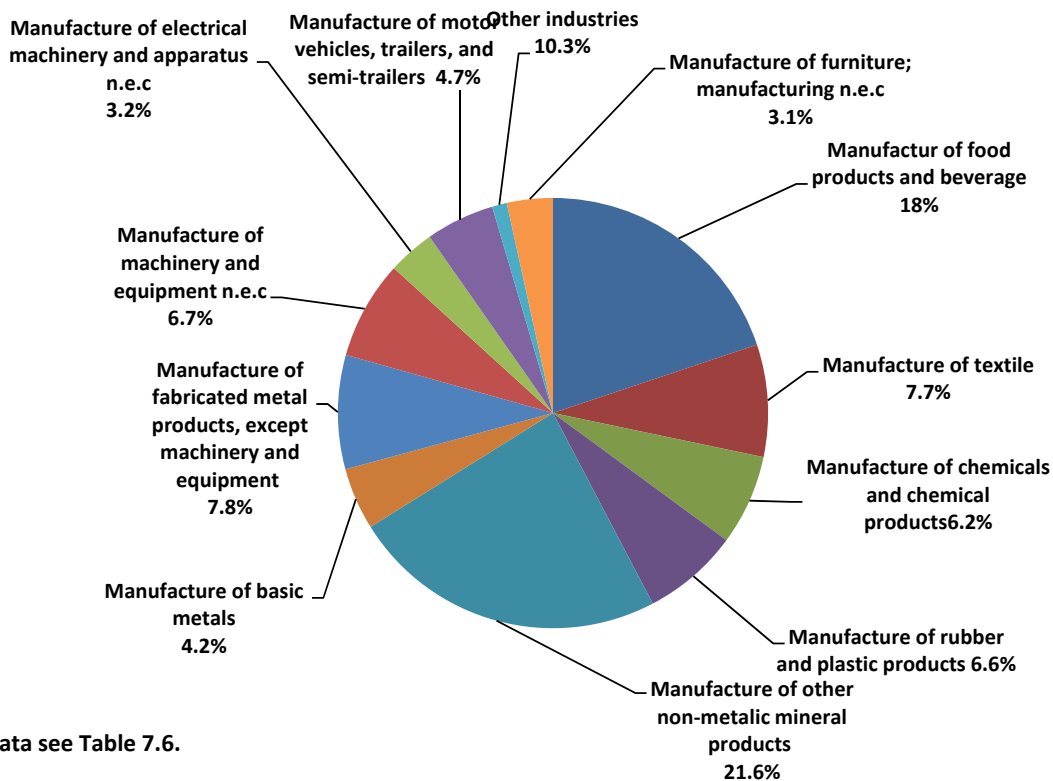
Source: Statistical Centre of Iran.

7.2 DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1390



For data see Table 7.6.

7.3 DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY TYPE OF ACTIVITY, THE YEAR 1390



For data see Table 7.6.

7. 7. MANUFACTURING ESTABLISHMENTS ⁽¹⁾ WITH 10 OR MORE WORKERS BY OSTAN AND TYPE OF OWNERSHIP, THE YEAR 1389

Ostan	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	15302	10712	2229	2361
East Azarbayejan.....	732	505	111	116
West Azarbayejan	333	268	35	30
Ardebil	215	187	17	11
Esfahan	1876	1285	310	281
Alborz	528	285	114	129
Ilam	51	42	7	2
Bushehr	98	71	12	15
Tehran	2845	1877	470	498
Chaharmahal&Bakhtiari	225	194	12	19
South Khorasan	113	94	7	12
Khorasan-e-Razavi.....	1085	722	172	191
North Khorasan	75	62	5	8
Khuzestan	416	277	45	94
Zanjan	211	114	33	64
Semnan.....	870	748	79	42
Sistan&Baluchestan	103	94	4	5
Fars	649	495	75	79
Qazvin	671	403	96	173
Qom	423	327	49	46
Kordestan	143	118	17	8
Kerman	145	72	25	48
Kermanshah	241	189	26	26
Kohgiluyeh&Boyerahmad	53	45	3	5
Golestan	250	186	37	27
Gilan.....	476	328	67	81
Lorestan.....	218	186	16	16
Mazandaran.....	699	499	114	86
Markazi	610	344	147	119
Hormozgan.....	199	159	16	24
Hamedan	357	303	34	20
Yazd	392	233	73	86

7. 7. MANUFACTURING ESTABLISHMENTS ⁽¹⁾ WITH 10 OR MORE WORKERS BY OSTAN AND TYPE OF OWNERSHIP, THE YEAR 1389 (continued)

Ostan	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	14945	10560	2173	2212
East Azarbayejan.....	711	496	106	110
West Azarbayejan	315	260	32	24
Ardebil	204	180	14	10
Esfahan	1857	1276	308	273
Alborz	521	284	111	126
Ilam	49	42	6	1
Bushehr	96	71	12	13
Tehran	2781	1874	457	450
Chaharmahal&Bakhtiari	218	191	10	17
South Khorasan	112	93	7	12
Khorasan-e-Razavi.....	1059	710	167	183
North Khorasan	69	61	5	3
Khuzestan	387	263	42	82
Zanjan	205	110	31	64
Semnan.....	859	738	79	42
Sistan&Baluchestan	98	90	4	4
Fars	646	495	75	76
Qazvin	667	403	96	169
Qom	417	323	49	44
Kordestan	130	107	15	8
Kerman	136	68	24	44
Kermanshah	232	185	24	23
Kohgiluyeh&Boyerahmad	48	42	2	4
Golestan	241	180	37	24
Gilan.....	467	324	65	77
Lorestan.....	215	183	16	16
Mazandaran.....	679	488	112	80
Markazi	593	337	146	110
Hormozgan.....	190	156	16	17
Hamedan	352	300	32	20
Yazd	389	230	73	86

7. 7. MANUFACTURING ESTABLISHMENTS ⁽¹⁾ WITH 10 OR MORE WORKERS BY OSTAN AND TYPE OF OWNERSHIP, THE YEAR 1389 (continued)

Ostan	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	354	153	54	148
East Azarbayejan.....	20	9	5	6
West Azarbayejan	18	9	3	6
Ardebil	11	7	3	1
Esfahan	18	9	2	7
Alborz	7	1	3	3
Ilam	2	0	1	1
Bushehr	2	0	0	2
Tehran	64	3	13	48
Chaharmahal&Bakhtiari	6	3	1	2
South Khorasan.....	1	1	0	0
Khorasan-e-Razavi.....	26	13	5	8
North Khorasan	6	1	0	5
Khuzestan	29	14	3	12
Zanjan	6	4	2	0
Semnan.....	11	11	0	0
Sistan&Baluchestan	5	4	0	1
Fars	3	0	0	3
Qazvin	4	0	0	4
Qom	6	4	0	2
Kordestan	13	11	2	0
Kerman	9	4	1	4
Kermanshah	8	4	1	3
Kohgiluyeh&Boyerahmad	5	3	1	1
Golestan	9	6	0	3
Gilan.....	10	4	2	4
Lorestan.....	3	3	0	0
Mazandaran.....	19	11	2	6
Markazi	17	6	2	
Hormozgan.....	9	2	0	7
Hamedan	5	3	2	0
Yazd	3	3	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 generalized across the country and non-response data are imputed .

Source: Statistical Centre of Iran.

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

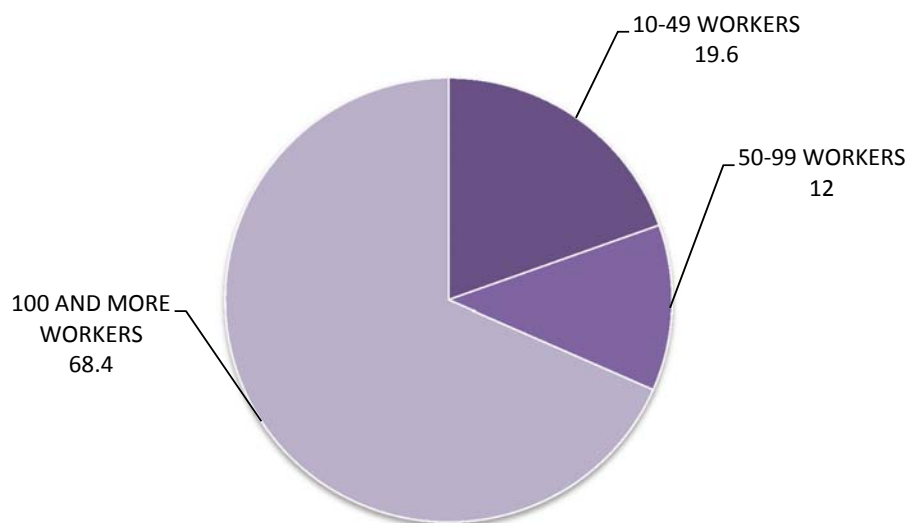
Year and size of establishments	Total workers	Wage and salary earners			Unpaid workers		
		Both sexes	Male	Female	Both sexes	Male	Female
1375 ⁽¹⁾	1611279	1209517	1142072	67445	401762	376290	25472
1380.....	921106	913255	845334	67921	7851	7557	294
1385.....	1071383	1060587	961222	99365	10796	10481	315
1386	1102856	1093454	983143	110311	9403	9112	291
1387	1262443	1253167	1127010	126157	9276	8903	373
1388.....	1251784	1243040	1115910	127130	8743	8285	458
1389.....	1249721	1241444	1116151	125293	8277	8034	243
10-49 workers.....	244333	236892	208746	28146	7440	7238	203
50-99 workers	150630	150049	130395	19654	582	559	23
100 and more workers.....	854758	854503	777010	77493	254	237	17

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

2. Including establishments with 1 to 9 workers.

Source: Statistical Centre of Iran.

7.4 .DISTRIBUTION OF NATIONAL WORKERS OF THE MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1389



For data see Table 7.8.

7. 9. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE, THR YEAR 1389

Industry	Total ⁽¹⁾	10-49 workers	50-99 workers	100 and more workers
Total	1249721	244333	150630	854758
Manufacture of food products and beverages	191684	46074	28204	117405
Manufacture of tobacco products	7773	0	0	7773
Manufacture of textiles	83684	17584	12787	53314
Manufacture of wearing apparel; dressing and dyeing of fur	7856	2153	557	5146
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	7163	2737	1437	2988
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	6766	2026	1059	3681
Manufacture of paper and paper products	19515	5474	3481	10560
Publishing, printing and reproduction of recorded media	11458	3339	1244	6875
Manufacture of coke, refined petroleum products and nuclear fuel	27873	1987	1084	24802
Manufacture of chemicals and chemical products	116457	14096	9612	92749
Manufacture of rubber and plastic products	58538	17009	8565	32963
Manufacture of other non-metallic mineral products	174436	59262	21317	93857
Manufacture of basic metals	118003	9059	7881	101064
Manufacture of fabricated metal products, except machinery and equipment	76661	19275	13137	44249
Manufacture of machinery and equipment n.e.c.	80146	14878	14155	51113
Manufacture of office, accounting and computing machinery	5063	337	392	4334
Manufacture of electrical machinery and apparatus n.e.c.	53181	6730	6105	40347
Manufacture of radio, television and communication equipment and apparatus	7072	818	1119	5135
Manufacture of medical, precision and optical instruments, watches and clocks	12394	2281	2514	7599
Manufacture of motor vehicles, trailers and semi-trailers	148786	9050	9787	129948
Manufacture of other transport equipment	15520	2346	1634	11540
Manufacture of furniture; manufacturing n.e.c.	19393	7705	4483	7205
Recycling	300	112	77	111

1. Difference between the total and sum of parts is due to the fact that data are collected as sampling and Generalized across the country and non-response data are imputed.
Source: Statistical Centre of Iran.

7. 10. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1389

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	1249721	244333	150630	854758
East Azarbayejan.....	60100	12007	7209	40884
West Azarbayejan	16022	6247	2321	7454
Ardebil	8224	3956	1027	3241
Esfahan	157848	29699	21057	107092
Alborz	49312	7460	7701	34152
Ilam	2021	873	454	694
Bushehr	13036	1543	819	10674
Tehran	294020	43414	31780	218826
Chaharmahal&Bakhtiari	8827	3683	804	4340
South Khorasan	6229	1881	512	3836
Khorasan-e-Razavi.....	88785	17478	11924	59384
North Khorasan	6973	1213	306	5454
Khuzestan	74425	5700	2978	65747
Zanjan	22674	2947	2294	17433
Semnan.....	31712	15848	5146	10717
Sistan&Baluchestan	3916	2120	314	1482
Fars	43699	10515	5333	27851
Qazvin	66261	9996	6505	49760
Qom	20640	7169	3349	10122
Kordestan	5048	2573	1069	1406
Kerman	21454	1866	1760	17828
Kermanshah	14044	4250	1738	8056
Kohgiluyeh&Boyerahmad	2382	945	230	1207
Golestan	11245	4075	2402	4768
Gilan.....	32264	7192	4605	20467
Lorestan.....	10800	3801	953	6046
Mazandaran.....	44097	11074	7852	25171
Markazi	67058	8923	9987	48149
Hormozgan.....	13003	3261	1062	8680
Hamedan	14151	6750	2288	5113
Yazd	39452	5875	4853	28724

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

Source: Statistical Centre of Iran.

7. 11. 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
1386.....	68610877	37209173	31401705
1387.....	91693823	52601280	39092542
1388.....	105660553	60290858	45369694
1389.....	143884523	96987024	46897498
10-49 workers	14070118	10724324	3345794
50-99 workers	10172558	7259462	2913096
100 and more workers.....	119641846	79003238	40638608

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
1386.....	63669503	34080542	29588961	4941375	3128631	1812744
1387.....	84797345	48244524	36552822	6896478	4356757	2539721
1388.....	97501823	55014646	42487177	8158730	5276213	2882517
1389.....	134546957	90754202	43792755	9337565	6232822	3104744
10-49 workers	12587532	9561265	3026267	1482586	1163059	319528
50-99 workers	9028470	6425036	2603434	1144089	834426	309662
100 and more workers.....	112930955	74767901	38163054	6710891	4235337	2475554

1. Including establishments with 1 to 9 workers.

Source: Statistical Centre of Iran.



7. 12. COMPENSATION OF WAGE AND SALARY EARNERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE, THRYEAR1389
(mln rials)

Industry	Total	10-49 workers	50-99 workers	100 and more workers
Total.....	143884523	14070118	10172558	119641846
Manufacture of food products and beverages	13655520	2469009	1706492	9480019
Manufacture of tobacco products	1398639	0	0	1398639
Manufacture of textiles	29777905	1278317	989616	27509973
Manufacture of wearing apparel; dressing and dyeing of fur	417402	95196	35954	286253
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	413584	159238	90169	164177
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	593237	106517	85330	401390
Manufacture of paper and paper products	1522867	297122	225570	1000175
Publishing, printing and reproduction of recorded media	1008882	197694	91790	719398
Manufacture of coke, refined petroleum products and nuclear fuel	4509682	115541	96904	4297237
Manufacture of chemicals and chemical products .	15106387	900402	730325	13475660
Manufacture of rubber and plastic products	4384602	952162	566129	2866311
Manufacture of other non-metallic mineral products	14008833	3233552	1383597	9391684
Manufacture of basic metals	15459572	554216	571141	14334216
Manufacture of fabricated metal products, except machinery and equipment	6460932	1137094	878816	4445022
Manufacture of machinery and equipment n.e.c.	6667738	862247	959497	4845994
Manufacture of office, accounting and computing machinery	440298	26623	25347	388327
Manufacture of electrical machinery and apparatus n.e.c.	4778405	403105	437618	3937683
Manufacture of radio, television and communication equipment and apparatus	574888	54782	82338	437768
Manufacture of medical, precision and optical instruments, watches and clocks	991112	159124	173577	658411
Manufacture of motor vehicles, trailers and semi-trailers	18823519	534872	627413	17661234
Manufacture of other transport equipment	1672019	125730	115443	1430846
Manufacture of furniture; manufacturing n.e.c.	1196417	402165	296729	497523
Recycling	22082	5411	2764	13907

Source: Statistical Centre of Iran.

**7.13. 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
1386.....	58970790	28523802	1745886	1010258
1387.....	82935075	47421583	1521298	1458965
1388.....	71984007	40113544	1466870	1245751
1389	81662731	51740867	2126761	1367577
10-49 workers	5411490	3636640	122540	176500
50-99 workers	4786788	2617645	110694	123387
100 and more workers	71464453	45486581	1893526	1067690

Year and size of establishments	Building (without land)	Land	Software
1375 ⁽¹⁾	1296131	184399	0
1380	1453493	195403	113310
1385.....	16800907	839623	128470
1386.....	25794782	1796847	99215
1387.....	29919764	2413519	199946
1388.....	26631996	2276503	249342
1389	22053693	4160814	213020
10-49 workers	1239247	224600	11963
50-99 workers	905232	1014914	14915
100 and more workers	19909214	2921300	186142

1. Including establishments with 1 to 9 workers.

Source: Statistical Centre of Iran.

7. 14. INVESTMENT (CHANGES IN CAPITAL GOODS) IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE, THRU YEAR 1389
(mln rials)

Industry	Total	10-49 workers	50-99 workers	100 and more workers
Total	81662731	5411490	4786788	71464453
Manufacture of food products and beverages	6445869	1354702	1104381	3986786
Manufacture of tobacco products	104596	0	0	104596
Manufacture of textiles	2696400	460621	1183492	1052286
Manufacture of wearing apparel; dressing and dyeing of fur	76742	19493	1928	55322
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	66826	9378	36851	20597
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	163852	16883	42823	104147
Manufacture of paper and paper products	320603	113259	88374	118969
Publishing, printing and reproduction of recorded media	173215	47089	52677	73449
Manufacture of coke, refined petroleum products and nuclear fuel	1408541	52711	4692	1351137
Manufacture of chemicals and chemical products	15282400	560961	317357	14404082
Manufacture of rubber and plastic products	1922661	444430	155294	1322937
Manufacture of other non-metallic mineral products	12185342	1092693	542269	10550381
Manufacture of basic metals	27158217	398686	556122	26203408
Manufacture of fabricated metal products, except machinery and equipment	2236377	288517	222453	1725408
Manufacture of machinery and equipment n.e.c.	931210	225067	89386	616757
Manufacture of office, accounting and computing machinery	31649	3432	1677	26540
Manufacture of electrical machinery and apparatus n.e.c.	2018105	78972	122065	1817068
Manufacture of radio, television and communication equipment and apparatus	103438	8904	9135	85398
Manufacture of medical, precision and optical instruments, watches and clocks	337300	30541	40515	266245
Manufacture of motor vehicles, trailers and semi-trailers	7450585	100549	146441	7203595
Manufacture of other transport equipment	258109	19694	23854	214561
Manufacture of furniture; manufacturing n.e.c.	292006	84536	45462	162008
Recycling	-1313	373	-460	-1225

Source: Statistical Centre of Iran.

7. 15. VALUE OF INVENTORIES IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY SIZE, THR YEAR 1389
(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	273106046	74666611	35233055	9673727	153532653
10-49 workers	16157529	5072676	1151649	994018	8939186
50-99 workers	18680682	5544217	1491494	222126	11422846
100 and more workers	238267835	64049718	32589913	8457583	133170621

Size of establishments	End of the year				
	Total	Finished goods	Goods for resale without any changes	Work-in-progress	Primary materials, instruments,...
Total	339351004	103378524	43185425	11031465	181755590
10-49 workers	21111891	7529376	1528092	1246110	10808313
50-99 workers	21821624	7241377	1672940	202937	12704370
100 and more workers	296417489	88607771	39984393	9582418	158242907

Source: Statistical Centre of Iran.

7. 16. 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
1386.....	574443445	60364726	39634317	474444402
1387.....	773486286	68181411	46790304	658514570
1388.....	1158510025	69861626	53922301	1034726098
1389.....	1458793911	90564930	66355087	1301873895
Manufacture of food products and beverages	125498204	30946921	18761000	75790283
Manufacture of tobacco products	1304627	0	0	1304627
Manufacture of textiles	25727720	5955024	4486726	15285970
Manufacture of wearing apparel; dressing and dyeing of fur	1083758	326294	64159	693305
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear....	2150514	663255	870558	616700
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2209835	608875	233728	1367232
Manufacture of paper and paper products	6976469	1537275	1115361	4323834
Publishing, printing and reproduction of recorded media	2185768	401238	165981	1618549
Manufacture of coke, refined petroleum products and nuclear fuel	553238811	2579723	2281174	548377914
Manufacture of chemicals and chemical products	184234469	6531677	5714127	171988665
Manufacture of rubber and plastic products	25679865	7042129	3869642	14768093
Manufacture of other non-metallic mineral products...	38142734	9775898	3740873	24625962
Manufacture of basic metals	163848632	6900665	7822406	149125562
Manufacture of fabricated metal products, except machinery and equipment	28036791	6017786	3788342	18230663
Manufacture of machinery and equipment n.e.c.	32129725	3170123	2940711	26018892
Manufacture of office, accounting and computing machinery	2767567	110658	162769	2494140
Manufacture of electrical machinery and apparatus n.e.c.	32007317	2213413	2868546	26925358
Manufacture of radio, television and communication equipment and apparatus	2324905	412771	355134	1557000
Manufacture of medical, precision and optical instruments, watches and clocks	3938053	541245	527006	2869803
Manufacture of motor vehicles, trailers and semi-trailers	214179211	2154632	4489632	207534948
Manufacture of other transport equipment	7169173	1085741	1243765	4839667
Manufacture of furniture; manufacturing n.e.c.	3922902	1570232	845476	1507195
Recycling	36859	19354	7971	9534

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.

**7. 17. 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 ⁽¹⁾	82995974	9940992	4564494	52576042
1380.....	204090236	19958245	11504884	172627108
1385.....	715033120	70622170	44644532	599766418
1386.....	912602628	90704249	56825563	765072816
1387.....	1182033138	103050390	68409590	1010573158
1388.....	1600060165	105141328	78073944	1416844893
1389.....	1954865010	131028087	94875780	1728961143
Manufacture of food products and beverages	171385501	39296596	23875697	108213207
Manufacture of tobacco products	3304507	0	0	3304507
Manufacture of textiles	38755037	8814770	6335891	23604376
Manufacture of wearing apparel; dressing and dyeing of fur	2145878	571310	126153	1448415
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	3341899	1082516	1247902	1011481
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3788174	1052195	356316	2379663
Manufacture of paper and paper products.....	10193975	2247776	1684760	6261439
Publishing, printing and reproduction of recorded media	4055139	843808	385000	2826331
Manufacture of coke, refined petroleum products and nuclear fuel	595627153	3480617	3448494	588698042
Manufacture of chemicals and chemical products	283418470	9423656	8168264	265826550
Manufacture of rubber and plastic products.....	37600774	9719296	5500680	22380798
Manufacture of other non-metallic mineral products	90773859	18750875	7623314	64399670
Manufacture of basic metals	238843020	9068610	10026640	219747770
Manufacture of fabricated metal products, except machinery and equipment	43844176	8979204	5791594	29073378
Manufacture of machinery and equipment n.e.c. ..	52416075	5395360	5140234	41880481
Manufacture of office, accounting and computing machinery	4302297	220085	236624	3845589
Manufacture of electrical machinery and apparatus n.e.c.	48528708	3343906	3985049	41199753
Manufacture of radio, television and communication equipment and apparatus	3782082	525683	527273	2729126
Manufacture of medical, precision and optical instruments, watches and clocks	7292860	865641	926540	5500680
Manufacture of motor vehicles, trailers and semi-trailers	293531052	3310568	6345058	283875426
Manufacture of other transport equipment.....	11113627	1467324	1576289	8070014
Manufacture of furniture; manufacturing n.e.c.	6769376	2540194	1555870	2673313
Recycling	51371	28097	12138	11136

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.

7. 18. 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
1386.....	338159183	30339523	17191246	290628414
1387.....	408546853	34868979	21619286	352058588
1388.....	441550140	35279702	24151643	382118795
1389.....	496071099	40463157	28520694	427087248
Manufacture of food products and beverages	45887297	8349675	5114698	32422924
Manufacture of tobacco products	1999880	0	0	1999880
Manufacture of textiles	13027317	2859746	1849165	8318406
Manufacture of wearing apparel; dressing and dyeing of fur	1062120	245016	61993	755111
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	1191385	419261	377344	394781
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1578339	443320	122589	1012431
Manufacture of paper and paper products.....	3217505	710501	569399	1937605
Publishing, printing and reproduction of recorded media	1869371	442570	219018	1207782
Manufacture of coke, refined petroleum products and nuclear fuel	42388342	900894	1167320	40320128
Manufacture of chemicals and chemical products	99184001	2891979	2454137	93837884
Manufacture of rubber and plastic products.....	11920909	2677167	1631037	7612705
Manufacture of other non-metallic mineral products	52631125	8974976	3882441	39773708
Manufacture of basic metals	74994388	2167945	2204234	70622209
Manufacture of fabricated metal products, except machinery and equipment	15807385	2961418	2003252	10842715
Manufacture of machinery and equipment n.e.c..	20286350	2225238	2199523	15861589
Manufacture of office, accounting and computing machinery	1534730	109427	73855	1351449
Manufacture of electrical machinery and apparatus n.e.c.	16521390	1130493	1116503	14274395
Manufacture of radio, television and communication equipment and apparatus	1457177	112912	172139	1172127
Manufacture of medical, precision and optical instruments, watches and clocks	3354807	324396	399535	2630877
Manufacture of motor vehicles, trailers and semi-trailers	79351841	1155936	1855427	76340478
Manufacture of other transport equipment.....	3944453	381583	332524	3230346
Manufacture of furniture; manufacturing n.e.c.	2846474	969962	710394	1166118
Recycling	14512	8743	4168	1602

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.

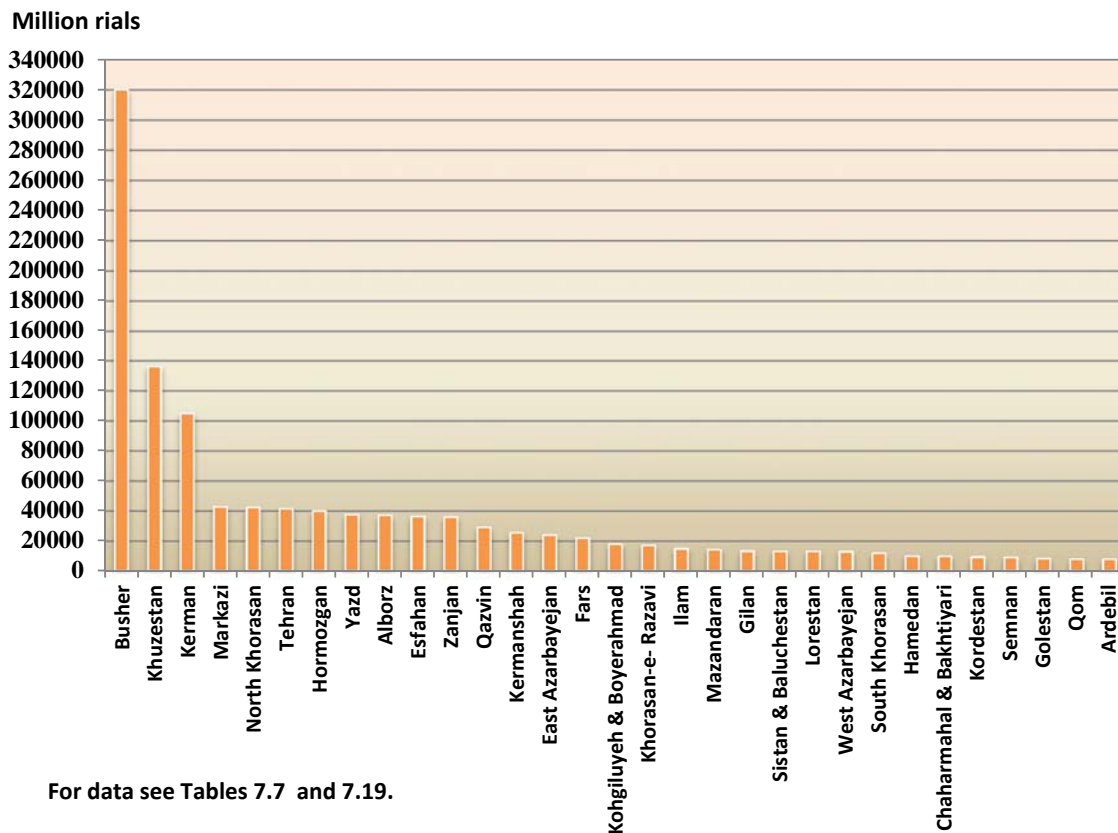
Source: Statistical Centre of Iran.

7. 19. VALUE ADDED RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THR YEAR 1389
(mln rials)

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	496071099	40463157	28520694	427087248
East Azarbayegan.....	17469366	1881912	1411232	14176222
West Azarbayegan	4321448	1324425	456007	2541015
Ardebil	1696423	685278	147992	863153
Esfahan	68359284	5900067	3504881	58954336
Alborz	19631991	1524102	2301889	15806000
Ilam	764134	244464	124865	394805
Bushehr	31378099	166707	408985	30802408
Tehran	118721519	5277001	5700848	107743670
Chaharmahal&Bakhtiyari	2215897	761127	77262	1377507
South Khorasan	1344910	247518	84799	1012594
Khorasan-e-Razavi.....	18758251	1835629	1640872	15281749
North Khorasan	3172858	127774	32033	3013052
Khuzestan	56678130	995598	558263	55124269
Zanjan	7573644	622269	553243	6398132
Semnan.....	7976536	2941888	1293107	3741540
Sistan&Baluchestan	1361304	652938	37525	670842
Fars	14308305	1496251	814751	11997302
Qazvin	19486544	1489237	1262695	16734612
Qom	3408905	1037955	583599	1787351
Kordestan	1339340	405280	171140	762920
Kerman	15246225	590897	425163	14230165
Kermanshah	6145800	996729	364535	4784536
Kohgiluyeh&Boyerahmad	944319	296885	103340	544093
Golestan	2050295	590174	319714	1140408
Gilan.....	6332091	894840	900116	4537134
Lorestan.....	2874816	622677	125629	2126511
Mazandaran.....	10054209	1944924	1292493	6816792
Markazi	26171776	2019865	1875087	22276824
Hormozgan.....	7959212	623839	696262	6639111
Hamedan	3571664	1212011	427510	1932143
Yazd	14753805	1052897	824857	12876050

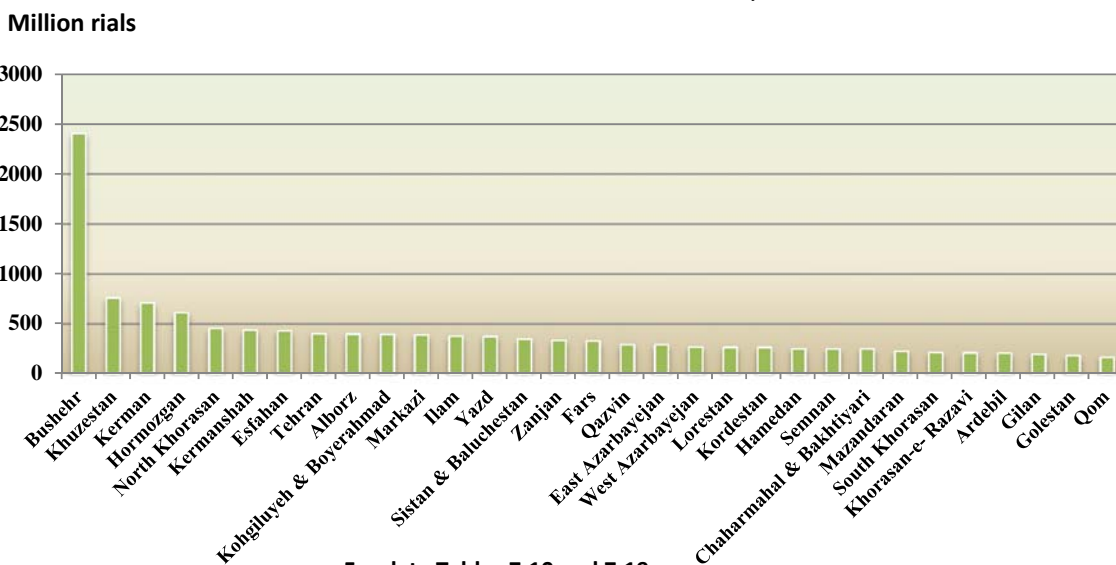
Source: Statistical Centre of Iran.

7.6 PRODUCTIVITY OF MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY OSTAN, THE YEAR 1389



For data see Tables 7.7 and 7.19.

7.7 PRODUCTIVITY OF EMPLOYED PERSONS IN MANUFACTURING , THE YEAR ESTABLISHMENTS WITH 10 MORE WORKERS BY OSTAN, THE YEAR 1389



For data Tables 7.10 and 7.19.

**7. 20. 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
1386.....	6817395	251590	133280	6432525
1387.....	7619807	315998	202128	7101681
1388.....	8502037	364821	327434	7809782
1389.....	10857629	453121	343305	10061202
Manufacture of food products and beverages	391013	57325	53066	280622
Manufacture of tobacco products	2018	0	0	2018
Manufacture of textiles	200887	69080	20312	111495
Manufacture of wearing apparel; dressing and dyeing of fur	4794	991	136	3667
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear..	4917	1679	1604	1634
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	8497	2909	704	4884
Manufacture of paper and paper products	35302	6962	5167	23173
Publishing, printing and reproduction of recorded media	11183	1958	285	8940
Manufacture of coke, refined petroleum products and nuclear fuel	655876	14955	88317	552604
Manufacture of chemicals and chemical products	717570	30385	13532	673652
Manufacture of rubber and plastic products	139001	38895	10101	90004
Manufacture of other non-metallic mineral products.	564012	87425	39188	437399
Manufacture of basic metals	1080973	28420	23163	1029389
Manufacture of fabricated metal products, except machinery and equipment	157811	30862	24102	102846
Manufacture of machinery and equipment n.e.c.	219132	20856	27769	170506
Manufacture of office, accounting and computing machinery	20595	13707	258	6631
Manufacture of electrical machinery and apparatus n.e.c.	221519	12535	13267	195718
Manufacture of radio, television and communication equipment and apparatus	8343	663	813	6867
Manufacture of medical, precision and optical instruments, watches and clocks	12415	4402	3525	4488
Manufacture of motor vehicles, trailers and semi-trailers	6346978	16381	12732	6317865
Manufacture of other transport equipment	27684	6572	1041	20071
Manufacture of furniture; manufacturing n.e.c.....	27084	6144	4213	16727
Recycling	24	14	10	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.

7. 21. 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
1386.....	28271864	1705172	1304408	25262284
1387.....	18186547	3290103	2431083	12465361
1388.....	20702407	3058847	2236750	15406810
1389.....	22171964	2848912	2002191	17320862
Manufacture of food products and beverages	3386120	947613	636486	1802021
Manufacture of tobacco products	388011	0	0	388011
Manufacture of textiles	1513512	454169	528647	530697
Manufacture of wearing apparel; dressing and dyeing of fur	94666	36944	16208	41514
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	15874	15874	0	0
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	11006	9211	1795	0
Manufacture of paper and paper products	49300	30179	0	19121
Publishing, printing and reproduction of recorded media	623829	209037	11042	403749
Manufacture of coke, refined petroleum products and nuclear fuel	201541	28225	29399	143916
Manufacture of chemicals and chemical products ..	429438	45352	38203	345883
Manufacture of rubber and plastic products.....	192419	127155	55320	9944
Manufacture of other non-metallic mineral products	159656	53118	75073	31465
Manufacture of basic metals	1069860	145915	106059	817885
Manufacture of fabricated metal products, except machinery and equipment	1974714	337369	253672	1383673
Manufacture of machinery and equipment n.e.c.	863025	135922	37506	689598
Manufacture of office, accounting and computing machinery	34160	20340	4748	9072
Manufacture of electrical machinery and apparatus n.e.c.	296924	43333	17577	236015
Manufacture of radio, television and communication equipment and apparatus	197510	1053	5697	190759
Manufacture of medical, precision and optical instruments, watches and clocks	110232	1633	5652	102947
Manufacture of motor vehicles, trailers and semi-trailers	7129787	137533	95877	6896378
Manufacture of other transport equipment.....	3296629	13737	28525	3254367
Manufacture of furniture; manufacturing n.e.c.	133503	54951	54704	23848
Recycling	250	250	0	0

7. 21. 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 ⁽¹⁾	282024	23203	13229	177588
1380	334347	31664	19472	283210
1385	1912385	173881	92179	1646325
1386	1711801	122406	79890	1509505
1387	18077043	1146435	730220	16200389
1388	20192697	1132907	739332	18320458
1389	21506769	1143922	729450	19633397
Manufacture of food products and beverages	1080096	217307	114212	748577
Manufacture of tobacco products	10346	0	0	10346
Manufacture of textiles	518513	209118	60117	249278
Manufacture of wearing apparel; dressing and dyeing of fur	17456	9950	1472	6035
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	27941	9802	13305	4833
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	19229	5039	2635	11556
Manufacture of paper and paper products	79540	18861	17126	43553
Publishing, printing and reproduction of recorded media	144221	16348	5241	122632
Manufacture of coke, refined petroleum products and nuclear fuel	578352	9773	4938	563640
Manufacture of chemicals and chemical products	3373254	65415	43201	3264638
Manufacture of rubber and plastic products	466353	57473	39378	369501
Manufacture of other non-metallic mineral products	1704877	255988	97335	1351554
Manufacture of basic metals	3426293	35628	56212	3334453
Manufacture of fabricated metal products, except machinery and equipment	999052	77787	80498	840767
Manufacture of machinery and equipment n.e.c.	373725	42754	37745	293226
Manufacture of office, accounting and computing machinery	41990	356	1410	40224
Manufacture of electrical machinery and apparatus n.e.c.	423102	20627	31424	371050
Manufacture of radio, television and communication equipment and apparatus	15650	2013	2184	11453
Manufacture of medical, precision and optical instruments, watches and clocks	107425	7328	6028	94070
Manufacture of motor vehicles, trailers and semi-trailers	7307735	44903	23072	7239759
Manufacture of other transport equipment	742741	17500	80432	644808
Manufacture of furniture; manufacturing n.e.c.	47660	19556	11414	16691
Recycling	1217	396	69	753

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.

7. 22. PRODUCTION OF SELECTED MANUFACTURED GOODS

Commodity	Unit	1375	1380	1385	1386	1387	1388	1389
Canned fish (tuna, sardines).....	Ton	8088	18180	31049	30031	22242	24045	27503
Pasteurized milk	Ton	575429	801395	1777833	1656136	2078283	2061815	2036484
Vegetable oil	Ton	789344	852353	1439754	⁽¹⁾ 1556026	1608256	1789301	1527075
Sugar (lump, granulated).....	1000 ton	637	1113	1319	1841	1656	1409	1846
Non-alcoholic carbonated drinks (except diluted yogurt)	Million bottles	3768	4818	4930	4252	4471	3849	3024
Malt liquor	Million bottles	443	60	232	356	597	870	1001
Cigarettes	Million	11962	13359	27050	17387	22436	26898	22354
Threads	Ton	173779	388790	552090	417424	347557	323925	373616
Finished fabrics	Million metres	442	551	344	325	338	293	280
Machine-made carpets	1000 sq m	20218	51875	41472	30583	57935	75642	77245
Moquette	1000 sq m	29994	43014	54508	68510	62699	71995	59609
Blankets	1000	4430	8166	7523	8522	8391	6565	5853
Papers	Ton	250721	315502	490815	455153	502355	465745	486920
Detergent powders	Ton	226845	306249	562027	584465	505098	594247	540839
Soap	Ton	70788	75918	68312	72616	72791	57750	82869
Matches	Million boxes	2189	2351	1577	1613	1513	1268	1047
Cement	1000 ton	16442	24755	32831	40189	44253	49471	57181
Tile and Ceramic	1000 sq m	47090	76827	147919	194482	246288	243590	300173
Combines	Number	240	346	968	884	248	362	229
Tractors	Number	5452	12208	32929	35244	20140	13309	18403
Road construction machinery	Number	425	612	3506	3338	4986	2169	3084
Washing machines	Number	158956	212664	418167	774367	807291	666756	689952
Switch and socket	1000	21527	24559	25787	26759	30760	25754	21323
Radio and radio cassette recorders	Number	56262	129256	821439	702415	637206	656087	356019
Colour TV	Number	433151	807964	619585	354818	297694	389469	518832
Water meters	Number	515412	933741	618258	822688	876536	1610613	556391
Electricity meters	Number	763109	906671	562099	689293	1293757	1756540	904236
Passenger cars and jeeps	Number	103110	332643	917165	946607	1257760	1441558	1427539
Ambulances	Number	422	328	265	836	182	159	494
Trucks and light trucks	Number	3316	4303	20130	32638	37537	42254	33624
Buses	Number	1177	1643	4111	3823	5056	4443	4154
Minibuses	Number	122	3226	1765	2472	3576	3672	3404
Vans	Number	16383	46639	155269	160859	242284	174908	194594

1. Revised figures

Source: Statistical Centre of Iran.

7.23. 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
1386.....	22254	269287	217402	2962716
1387.....	24593	289730	238771	3074587
1388.....	26380	305209	257885	3227347
1389.....	28999	319213	278073	4384508
1390.....	31662	327743	315094	6172181
<i>Cooperatives under establishment</i>				
1375.....	96	1124	779	20773
1380.....	475	5457	4911	75107
1385.....	3503	38966	36596	415501
1386.....	5670	56520	60805	551136
1387.....	7134	69999	75129	636250
1388.....	8307	79557	88602	773374
1389.....	5638	50032	54453	358075
1390.....	5824	48676	71936	411966
<i>Operating cooperatives</i>				
1375.....	1628	65197	20935	889591
1380.....	3738	66788	46542	1550468
1385.....	8291	116028	88624	1935014
1386.....	9599	127669	100556	2031730
1387.....	10338	133773	106494	2057499
1388.....	10919	139334	111893	2069796
1389.....	12061	140575	121399	3246567
1390.....	12164	153375	120322	4731922
East Azarbayejan	844	8913	8040	1024721
West Azarbayejan	258	2323	2767	108131
Ardebil.....	238	2220	2481	42717

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

Description	Number	Member	Employed	Capital (mln rials)
Esfahan.....	278	7060	2383	78336
Alborz	332	3320	5101	39818
Ilam	170	1377	1110	17164
Bushehr	296	2391	3182	571679
Tehran	623	8293	8867	131146
Chaharmahal&Bakhtiyari	276	2200	2279	91854
South Khorasan	171	1812	1488	35015
Khorasan-e-Razavi.....	839	9875	6783	527534
North Khorasan	215	1907	1552	50077
Khuzestan	367	3502	4558	63659
Zanjan	324	2661	3380	74266
Semnan.....	201	2473	2542	47524
Sistan&Baluchestan	316	6129	6795	54177
Fars	561	9133	4120	127724
Qazvin	111	1006	1552	58581
Qom	90	938	669	58915
Kordestan	186	1667	1570	41314
Kerman	618	6700	4823	98853
Kermanshah	363	3587	4814	86470
Kohgiluyeh&Boyerahmad	154	4352	2014	20476
Golestan	763	6071	4740	86474
Gilan.....	411	3790	3247	84497
Lorestan.....	555	5018	5460	105465
Mazandaran.....	904	13559	8703	413197
Markazi	277	3446	2426	172826
Hormozgan.....	661	5042	5935	28138
Hamedan	291	2091	2494	70648
Yazd	471	20519	4447	320526

1. Revised figures

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

Source: Ministry of Cooperatives.

7. 24. 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
1386	2333	128226	78461	65448
1387.....	2518	130067	80181	69429
1388.....	2658	131468	82335	70423
1389.....	2780	129880	79560	126640
1390.....	3031	92984	84082	131297
<i>Cooperatives under establishment</i>				
1375	1	8	120	6
1380	14	185	349	166
1385	344	2827	5228	13990
1386	524	4398	9315	19169
1387.....	619	5227	10153	19754
1388.....	693	5993	11394	20157
1389.....	404	4274	6164	60039
1390.....	443	4115	7546	57590
<i>Operating cooperatives</i>				
1375	261	58739	24002	9541
1380	463	67906	31010	19454
1385	963	73234	36791	29045
1386	1124	75502	39785	32714
1387.....	1209	76464	40619	36061
1388.....	1272	77047	41500	36649
1389.....	1339	56539	32221	47090
1390.....	1343	67882	33792	41860
East Azarbayejan	102	4925	1072	4406
West Azarbayejan	35	2094	1968	5120
Ardebil.....	32	306	384	1624

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

Description	Number	Member	Employed	Capital (mln rials)
Esfahan	41	28728	543	6056
Alborz	64	951	3756	895
Ilam	17	618	531	263
Bushehr	17	283	181	250
Tehran	61	11405	10136	989
Chaharmahal&Bakhtiyari	31	2162	3995	3509
South Khorasan	18	762	363	248
Khorasan-e-Razavi.....	96	3752	1523	4422
North Khorasan	30	234	189	349
Khuzestan	22	680	559	391
Zanjan	35	257	316	454
Semnan.....	5	35	27	194
Sistan&Baluchestan	7	146	54	92
Fars	45	1159	1319	534
Qazvin	9	63	166	69
Qom	3	23	71	60
Kordestan	9	1114	86	238
Kerman	68	2146	779	2954
Kermanshah	16	535	447	277
Kohgiluyeh&Boyerahmad	3	21	24	49
Golestan	256	1934	1566	922
Gilan.....	33	265	228	137
Lorestan.....	114	1473	1531	2471
Mazandaran.....	41	468	579	799
Markazi	18	166	201	247
Hormozgan.....	72	680	577	1152
Hamedan	14	101	244	113
Yazd	29	396	377	2576

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

Source: Ministry of Cooperatives.