

Introduction

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

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

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

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

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

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

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

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

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

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

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

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

Definitions and concepts

Establishment licence (agreement in principle): is 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: refers to the establishments in which all or over 50% of the capital belongs to the ministries, government agencies, banks, Islamic Revolution institutions, municipalities, or other public sector bodies.

Private (cooperative): refers to the establishments registered as cooperatives in which the whole or more than 50% of the shares belongs to the members of the cooperative.

Private (non-cooperative): refers to the establishments in which all or over 50% of the capital belongs to persons.

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

Employed members of households engaged in household industries: refer to the 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, "Agriculture, Forests & Fisheries", 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 non-financial assets): see Chapter 5, "Agriculture, Forests & Fisheries", definitions and concepts.

Non-financial assets: see Chapter 5, "Agriculture, Forests & Fisheries", definitions and concepts.

Raw and primary materials, semi-durable tools and instruments used: refer to 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). Semi-durable used 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.

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

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

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

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

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

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

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

Hand-woven carpet cooperatives: 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 1397, there were 29170 manufacturing establishments with 10 and more workers totaling 1733789 employed persons, which decreased by 3.8 and 2.5 percent, respectively compared to the previous year. The ownership of 99.4 percent of the establishments was for the private sector and about 0.6 percent for the public sector.

Besides, out of the number of the employed, 26.9 percent were employed in the establishments with 10-49 workers, 12.3 percent in the establishments with 50-99 workers and 60.8 percent were employees of the establishments with 100 and more workers.

In the year 1397, the amount of investment made in manufacturing establishments with 10 and more workers was about 639726529 million rials, which increased by about 148.6 percent in contrast to the previous year.

In the same year, value-added of the industrial activity of manufacturing establishments with 10 and more workers was 3118741231 million rials which increased by 44.1 percent compared to the preceding year. Out of the mentioned amount of value added, 22.8 percent is related to the production of chemicals and chemical products, 7.2 percent relates to non-metallic mineral products, 19.7 percent is for the production of other basic metals, 3.0 percent goes to the production of motor vehicles, trailers and semi-trailers, 2.4 percent is for the production of machinery and unclassified equipment in other places, 2.9 percent is for the manufacture of pharmaceuticals, medicinal chemical and botanical products, 4.1 percent relates to the production of rubber and plastic products and 11.1 percent goes to the production of food and beverages.

In the year 1397, Bushehr, Khuzestan and Hormozgan Ostans with 1781514, 511231.4 and 435692.7 million rials had the highest manufacturing establishments productivity with 10 and more workers, respectively and also Bushehr, Khuzestan and Hormozgan Ostans with 12352.1, 4603.7 and 4043.8 million rials had the highest workers' productivity in manufacturing establishments with 10 and more workers, respectively.

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

Activity	(number)							
	1380	1385	1390	1394	1395	1396	1397 ⁽²⁾	1398
Total	17098	54288	15872	16067	16897	20902	24404	28043
Manufacture of food products and beverages	2861	9849	2948	2654	2732	3137	3380	3296
manufacture of tobacco products and products of tobacco substitutes: cigarettes	2	7	2	12	9	17	23	24
Manufacture of textiles	1161	2683	529	576	752	826	867	1053
Manufacture of wearing apparel; dressing and dyeing of fur.....	1164	1997	260	472	460	583	791	894
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear.....	230	506	79	109	130	139	188	364
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials .	405	1780	528	407	343	526	594	681
Manufacture of paper and paper products.....	600	1655	462	566	529	642	746	966
Publishing, printing and reproduction of recorded media.....	63	204	33	34	53	71	56	61
Manufacture of coke, refined petroleum products and nuclear fuels	142	456	199	153	138	222	312	376
Manufacture of chemicals and chemical products	1298	3255	912	1193	1545	1800	2498	3275
Manufacture of rubber and plastic products.....	1340	6573	1846	1743	1672	2103	2326	2748
Manufacture of other non-metallic mineral products.....	2528	8674	3936	1933	1970	2578	3304	3561
Manufacture of basic metals	555	2089	606	571	598	791	610	706
Manufacture of fabricated metal products, except machinery and equipment.....	1289	4558	1353	1257	1298	1740	2013	2492
Manufacture of machinery and equipment n.e.c	1196	3572	797	985	1064	1367	1637	1801
Manufacture of office, accounting and computing machinery.....	241	435	25	47	68	69	85	108
Manufacture of electric generators, transformers and electric apparatus .e.c.....	552	1495	351	484	466	599	646	802
Manufacture of radio, television and communication equipment and apparatus.....	128	304	53	75	100	138	202	174
Manufacture of medical, precision and optical instruments, watches and clocks.....	169	372	113	238	288	343	447	545
Manufacture of motor vehicles, trailers and semi-trailers.....	579	1306	280	339	368	393	495	572
Manufacture of other transport equipment.....	243	413	99	91	92	152	142	144
Manufacture of furniture; manufacturing n.e.c	279	1298	218	531	615	884	1069	1275
Recycling	73	807	239	426	327	421	509	582
Production of energy	×	×	×	73	39	0	2	0
Supporting and auxiliary transport activities; travel agency activities	×	×	×	99	80	37	5	1
Computer and related activities.....	×	×	4	6	2	0	0	0
Research and development.....	×	×	×	1	2	0	0	0
Other activities of engineering services	×	×	×	992	1150	1314	1440	1531
Sewage and refuse disposal, sanitation and similar activities	×	×	×	×	6	10	15	11
Water collection, treatment and supply	×	×	×	×	1	0	2	0

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

2. Revised figures.

Source: Ministry of Industry, Mine and Trade.

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

ZONE	(number)							
Description	1380	1385	1390	1394	1395	1396	1397 ⁽²⁾	1398
Total country	17098	54288	15872	16067	16897	20902	24404	28043
East Azarbayejan	-	-	-	2073	1026	1071	1435	1854
West Azarbayejan.....	-	-	-	365	429	448	584	765
Ardebil	-	-	-	321	334	346	442	441
Esfahan	-	-	-	863	952	1134	931	1352
Alborz	-	-	-	463	447	456	514	691
Ilam.....	-	-	-	162	142	160	188	181
Bushehr.....	-	-	-	150	243	305	253	168
Tehran	-	-	-	731	751	888	959	1114
Chaharmahal&Bakhtiari.....	-	-	-	318	321	325	498	560
South Khorasan.....	-	-	-	123	164	190	237	221
Khorasan-e-Razavi	-	-	-	1376	1445	1791	1664	2465
North Khorasan.....	-	-	-	110	102	125	236	239
Khuzestan	-	-	-	458	516	730	953	1029
Zanjan	-	-	-	459	495	597	766	1016
Semnan	-	-	-	456	776	1155	2143	2240
Sistan & Baluchestan.....	-	-	-	249	298	421	627	633
Fars	-	-	-	1212	1249	1639	1661	1622
Qazvin	-	-	-	376	391	482	542	648
Qom	-	-	-	440	868	1246	1798	997
Kordestan.....	-	-	-	351	333	539	519	816
Kerman	-	-	-	392	429	532	509	621
South of Kerma.....	-	-	-	-	-	-	103	85
Kermanshah	-	-	-	249	240	445	818	750
Kohgiluyeh&Boyerahmad.....	-	-	-	109	116	139	136	166
Golestan.....	-	-	-	244	252	328	259	377
Gilan	-	-	-	488	620	630	444	355
Lorestan	-	-	-	320	446	481	393	408
Mazandaran	-	-	-	503	697	799	785	869
Markazi.....	-	-	-	780	619	708	805	786
Hormozgan	-	-	-	171	209	357	504	518
Hamedan.....	-	-	-	283	327	573	610	850
Yazd	-	-	-	1343	1556	1604	1708	2901
Aras Free Zone	-	-	-	76	27	45	52	70
Arvand Free Zone.....	-	-	-	6	6	16	9	6
Anzali Free Zone	-	-	-	24	27	30	38	40
Chabahar Free Zone.....	-	-	-	5	10	21	35	4
Qeshm Free Zone.....	-	-	-	3	6	3	12	0
Kish Free Zone	-	-	-	0	0	1	0	1
Maku Free Zone.....	-	-	-	15	16	34	92	55
Special economic zone	-	-	-	-	12	108	142	129

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

2. Revised figures.

Source: Ministry of Industry, Mine and Trade.

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

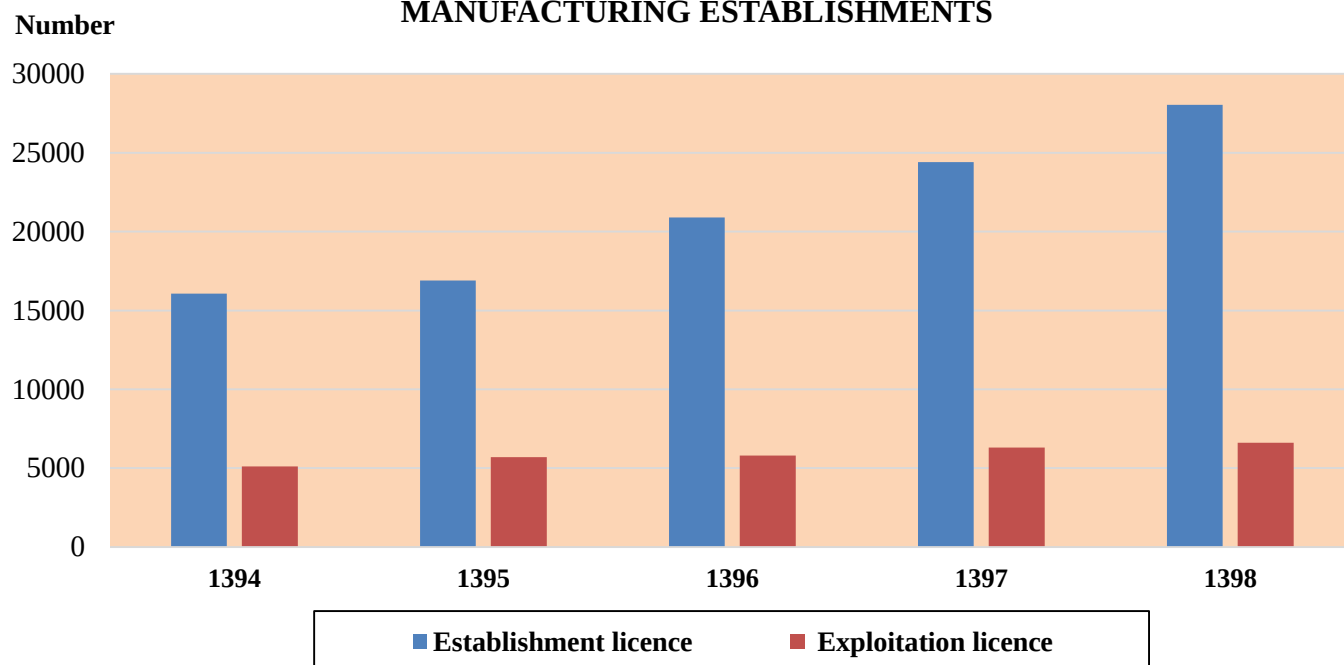
Activity	1380	1385	1390	1394	1395	1396	1397 ⁽²⁾	1398
Total	3550	6764	6292	5107	5692	5803	6310	6612
Manufacture of food products and beverages	651	833	1151	838	810	862	823	913
Manufacture of tobacco products and products of tobacco substitutes: cigarettes	1	0	3	5	4	2	7	12
Manufacture of textiles	289	444	262	151	219	262	289	260
Manufacture of wearing apparel; dressing and dyeing of fur.....	193	115	65	47	80	68	93	78
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	111	60	51	44	28	85	54	43
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	81	223	165	93	113	96	123	97
Manufacture of paper and paper products.....	106	168	163	131	127	145	142	172
Publishing, printing and reproduction of recorded media	24	28	11	17	22	21	18	24
Manufacture of coke, refined petroleum products and nuclear fuels	66	87	94	191	158	154	186	177
Manufacture of chemicals and chemical products	332	522	481	552	652	647	773	889
Manufacture of rubber and plastic products.....	325	979	851	609	782	753	908	813
Manufacture of other non-metallic mineral products.....	407	1731	1177	530	646	547	719	715
Manufacture of basic metals	120	208	344	326	332	383	236	243
Manufacture of fabricated metal products, except machinery and equipment	267	438	519	319	381	380	434	464
Manufacture of machinery and equipment n.e.c.	229	399	373	380	372	393	452	499
Manufacture of office, accounting and computing machinery	29	27	17	19	23	21	39	53
Manufacture of electric generators, transformers and electric apparatus n.e.c	78	131	163	150	165	172	233	268
Manufacture of radio, television and communication equipment and apparatus.....	16	20	31	19	30	37	43	48
Manufacture of medical, precision and optical instruments, watches and clocks	25	34	53	102	120	133	104	137
Manufacture of motor vehicles, trailers and semi-trailers	114	136	128	98	120	107	128	147
Manufacture of other transport equipment.....	51	54	36	29	41	63	53	64
Manufacture of furniture; manufacturing n.e.c	25	100	88	112	117	105	113	100
Recycling	10	27	63	74	81	96	109	123
Production of energy	×	×	×	2	3	0	0	0
Supporting and auxiliary transport activities; travel agency activities.....	×	×	×	48	31	36	21	23
Computer and related activities.....	×	×	3	1	0	0	0	0
Other activities of engineering services	×	×	×	220	231	230	205	248
Sewage and refuse disposal, sanitation and similar activities	×	×	×	×	4	5	4	2
Water collection, treatment and supply	0	0	0	0	0	0	1	0

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

2. Revised figures.

Source: Ministry of Industry, Mine and Trade.

8.1. ESTABLISHMENT AND EXPLOITATION LICENCES ISSUED FOR MANUFACTURING ESTABLISHMENTS



For data see Tables 8.1. & 8.3.

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

Description	(number)							
	1380	1385	1390	1394	1395	1396	1397 ⁽²⁾	1398
Total country	3550	6764	6292	5107	5692	5803	6310	6612
East Azarbayejan	-	-	-	494	330	490	478	557
West Azarbayejan.....	-	-	-	181	172	189	213	229
Ardebil.....	-	-	-	64	101	105	127	123
Esfahan	-	-	-	416	485	516	651	577
Alborz.....	-	-	-	292	308	286	398	386
Ilam.....	-	-	-	23	26	37	29	41
Bushehr.....	-	-	-	25	45	44	37	36
Tehran	-	-	-	568	592	460	412	472
Chaharmahal&Bakhtiari	-	-	-	73	69	63	90	112
South Khorasan.....	-	-	-	66	33	32	29	36
Khorasan-e-Razavi	-	-	-	303	348	305	391	440
North Khorasan.....	-	-	-	21	39	33	16	36
Khuzestan	-	-	-	129	168	147	157	146
Zanjan.....	-	-	-	115	130	162	118	139
Semnan	-	-	-	129	163	187	199	198
Sistan&Baluchestan.....	-	-	-	51	85	71	90	90
Fars	-	-	-	266	269	220	290	290
Qazvin	-	-	-	210	267	252	251	377
Qom	-	-	-	258	310	272	277	243
Kordestan.....	-	-	-	64	64	67	70	114
Kerman	-	-	-	109	151	131	124	135
South of Kerman.....	-	-	-	-	-	-	31	23
Kermanshah	-	-	-	77	100	98	80	86
Kohgiluyeh&Boyerahmad.....	-	-	-	28	33	39	28	38
Golestan.....	-	-	-	86	130	123	144	139
Gilan	-	-	-	151	179	188	163	138
Lorestan	-	-	-	98	116	133	119	119
Mazandaran	-	-	-	189	193	220	210	215
Markazi.....	-	-	-	198	223	235	300	280
Hormozgan	-	-	-	57	98	104	93	76
Hamedan.....	-	-	-	64	76	74	79	77
Yazd	-	-	-	183	210	223	256	263
Aras Free Zone	-	-	-	50	44	46	42	73
Arvand Free Zone.....	-	-	-	9	21	28	49	28
Anzali Free Zone	-	-	-	34	53	37	40	77
Payam Free Zone.....	-	-	-	2	0	0	0	0
Chabahar Free Zone.....	-	-	-	7	12	32	36	9
Qeshm Free Zone.....	-	-	-	11	24	18	38	18
Kish Free Zone	-	-	-	0	0	0	1	0
Maku Free Zone.....	-	-	-	6	13	53	30	33
Special economic zone	-	-	-	-	12	83	124	143

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

2. Revised figures.

Source: Ministry of Industry, Mine and Trade.

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

Activity	1380	1385	1390	1394	1395	1396	1397 ⁽²⁾	1398
Total.....	74578	126155	109100	78999	89984	104431	109586	108931
Manufacture of food products and beverages	14245	19762	18719	9897	13893	19192	15662	15571
Manufacture of tobacco products and products of tobacco substitutes: cigarettes	15	0	65	435	31	445	538	395
Manufacture of textiles	6564	10275	4954	3588	5433	6951	5677	5410
Manufacture of wearing apparel; dressing and dyeing of fur.....	2708	1477	978	757	1432	1461	1634	2270
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	1211	834	497	530	272	751	763	738
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	992	2764	1817	1321	2184	1599	2331	1423
Manufacture of paper and paper products.....	1353	2860	2401	1864	2077	2240	2882	2251
Publishing, printing and reproduction of recorded media	229	424	125	199	318	191	246	351
Manufacture of coke, refined petroleum products and nuclear fuels	1126	1218	3230	2197	2066	1651	6854	4861
Manufacture of chemicals and chemical products	13037	10485	8857	8152	8377	10750	11856	15564
Manufacture of rubber and plastic products.....	3856	12429	10797	7186	8722	9518	9541	8703
Manufacture of other non-metallic mineral products.	9252	25090	18215	7398	8364	9306	9300	9585
Manufacture of basic metals	2496	7421	9496	6581	8115	11121	9616	10572
Manufacture of fabricated metal products, except machinery and equipment	3869	9038	8620	6360	5850	5989	7788	6520
Manufacture of machinery and equipment n.e.c.	4088	7639	6877	7522	5892	6058	7263	8176
Manufacture of office, accounting and computing machinery	361	540	417	673	470	245	374	1095
Manufacture of electric generators, transformers and electric apparatus n.e.c	2692	4654	3741	2498	3761	2770	4057	4734
Manufacture of radio, television and communication equipment and apparatus.....	197	762	829	886	1055	1160	501	487
Manufacture of medical, precision and optical instruments, watches and clocks	574	486	688	2049	3586	2998	2014	1739
Manufacture of motor vehicles, trailers and semi-trailers	2727	4557	4463	1968	3195	4145	4988	3218
Manufacture of other transport equipment.....	2445	1804	1164	666	689	1147	1030	1025
Manufacture of furniture; manufacturing n.e.c	412	1300	1076	1991	1503	1468	1319	1335
Recycling	129	336	1072	1774	702	902	874	842
Production of energy	×	×	×	23	31	0	0	0
Supporting and auxiliary transport activities; travel agency activities	×	×	×	803	222	570	306	117
Computer and related activities.....	×	×	2	12	0	0	0	0
Other activities of engineering services	×	×	×	1669	1711	1766	2076	1944
Sewage and refuse disposal, sanitation and similar activities	×	×	×	×	33	37	10	5
Water collection, treatment and supply.....	×	×	×	×	×	×	86	0

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

2. Revised figures.

Source: Ministry of Industry, Mine and Trade.

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

Activity	1380	1385	1390	1394	1395	1396	1397 ⁽²⁾	1398
Total.....	13023	77172	155962	180544	294816	293396	643307	682665
Manufacture of food products and beverages	2070	11180	25780	15806	37324	28928	39500	100094
Manufacture of tobacco products and products of tobacco substitutes: cigarettes	2	0	135	1554	327	8090	1383	3518
Manufacture of textiles	931	3548	7504	7257	10727	17437	18830	23918
Manufacture of wearing apparel; dressing and dyeing of fur.....	40	122	68	266	787	746	1438	2376
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	84	245	177	509	403	803	888	792
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	69	1038	1690	4410	11211	5047	8988	11224
Manufacture of paper and paper products.....	89	970	1895	4861	11521	5314	12813	13539
Publishing, printing and reproduction of recorded media	54	200	166	779	796	452	869	6036
Manufacture of coke, refined petroleum products and nuclear fuels	160	657	18366	10004	26310	6619	209103	67835
Manufacture of chemicals and chemical products	2729	19781	19530	44206	50181	34142	129960	93314
Manufacture of rubber and plastic products.....	1498	7158	8670	9718	15168	20151	35117	29554
Manufacture of other non-metallic mineral products.....	1492	11219	23778	19141	28874	29524	34229	38196
Manufacture of basic metals	1006	9713	27037	19881	59033	89423	75677	206225
Manufacture of fabricated metal products, except machinery and equipment	539	4528	6646	11229	8602	10550	31847	23740
Manufacture of machinery and equipment n.e.c.	514	1660	4801	6065	7519	9188	13312	16529
Manufacture of office, accounting and computing machinery.....	34	253	221	149	198	67	314	1232
Manufacture of electric generators, transformers and electric apparatus n.e.c	377	1921	1851	6709	8787	3145	6730	21136
Manufacture of radio, television and communication equipment and apparatus.....	8	158	184	835	897	1144	333	713
Manufacture of medical, precision and optical instruments, watches and clocks	45	189	451	1515	2978	3028	2207	3403
Manufacture of motor vehicles, trailers and semi-trailers	1167	1966	2873	4696	4444	5114	10904	8518
Manufacture of other transport equipment.....	82	342	388	722	1722	8839	802	1648
Manufacture of furniture; manufacturing n.e.c	25	223	421	1200	2308	1255	1455	2214
Recycling	9	101	3330	3160	1169	1298	2118	2609
Production of energy	×	×	×	294	333	0	0	0
Supporting and auxiliary transport activities; travel agency activities.....	×	×	×	3741	1776	1365	1029	773
Computer and related activities.....	×	×	//	13	0	0	0	0
Other activities of engineering services	×	×	×	1826	1389	1687	2685	3524
Sewage and refuse disposal, sanitation and similar activities	×	×	×	×	31	39	346	5
Water collection, treatment and supply.....	×	×	×	×	×	×	432	0

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

2. Revised figures.

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 1398**
(number)

Ostan	Total	Service	Manufacturing	Distributive	Technical service
Total country	394439	63907	74776	191454	64302
East Azarbayejan	17569	2804	4261	8104	2400
West Azarbayejan.....	16570	2393	3193	7896	3088
Ardebil	6634	995	1433	3184	1022
Esfahan	30073	4735	6781	13582	4975
Alborz	13302	3158	2000	6269	1875
Ilam.....	5573	552	1044	3011	966
Bushehr.....	6888	956	847	4018	1067
Tehran	49115	9040	11220	22569	6286
Chaharmahal&Bakhtiyari	2722	775	478	1114	355
South Khorasan.....	5542	663	1091	2886	902
Khorasan-e-Razavi	4518	582	948	2022	966
North Khorasan.....	31713	5398	5622	15641	5052
Khuzestan	4714	552	936	2365	861
Zanjan	14101	2083	2233	7366	2419
Semnan	5478	571	1129	2713	1065
Sistan & Baluchestan.....	5261	669	924	2662	1006
Fars	7246	1183	1194	3525	1344
Qazvin	23234	3718	3157	12310	4049
Qom	6348	970	1120	2974	1284
Kordestan.....	4553	324	1270	2261	698
Kerman	8910	1156	1700	4326	1728
South of Kerman.....	11417	1533	2049	5821	2014
Kermanshah	9297	1333	1927	4407	1630
Kohgiluyeh&Boyerahmad.....	3333	507	492	1799	535
Golestan.....	9983	1209	1745	5176	1853
Gilan	17067	3960	2734	7800	2573
Lorestan	8702	1095	1517	4705	1385
Mazandaran	27812	5790	5041	12548	4433
Markazi.....	9149	1281	1761	4496	1611
Hormozgan	7920	1329	1022	4329	1240
Hamedan.....	9847	1481	2044	4663	1659
Yazd	7840	968	1841	3537	1494
Nationwide syndicates	2008	144	22	1375	467

Source: Ministry of Industry, Mine and Trade.

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

Year and activity	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
1385 ⁽¹⁾	23732	18995	2367	2370
1390 ⁽¹⁾	27477	21489	3167	2821
1393 ⁽¹⁾	29654	23862	2917	2875
1394.....	33462	27106	3371	2985
1395.....	31309	24981	3332	2995
1396.....	30332	24161	3154	3017
1397.....	29170	23060	3169	2941
Manufacture of food products	5110	4053	569	488
Manufacture of beverages.....	193	134	25	34
Manufacture of tobacco products.....	22	10	4	8
Manufacture of textiles	1866	1395	228	243
Manufacture of wearing apparel	482	415	42	25
Manufacture of leather and related products.....	363	308	34	21
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	451	375	40	36
Manufacture of paper and paper products.....	679	526	92	61
Printing and reproduction of recorded media.....	630	576	31	23
Manufacture of coke, refined petroleum products	345	259	42	44
Manufacture of chemicals and chemical products	1739	1329	201	209
Manufacture of pharmaceuticals, medicinal chemical and botanical products	310	163	51	96
Manufacture of rubber and plastic products.....	2650	2214	272	164
Manufacture of other non-metallic mineral products...	5207	4532	338	337
Manufacture of basic metals	1215	783	196	237
Manufacture of fabricated metal products, except machinery and equipment	2383	1944	254	186
Manufacture of computer, electronic and optical products.....	333	231	48	54
Manufacture of electrical equipment	1208	872	177	160
Manufacture of machinery and equipment n.e.c.	1578	1189	231	157
Manufacture of motor vehicles, trailers and semi-trailers	924	535	151	238
Manufacture of other transport equipment.....	163	94	33	37
Manufacture of furniture	695	605	52	39
Manufacture of other manufacturing n.e.c.	564	477	53	34
Repair and installation of machinery and equipment...	60	43	6	11

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

Year and activity	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
1385 ⁽¹⁾	23173	18760	2284	2129
1390 ⁽¹⁾	27122	21316	3119	2687
1393 ⁽¹⁾	29371	23694	2883	2794
1394.....	33072	26926	3324	2822
1395.....	30941	24813	3282	2847
1396.....	30153	24070	3123	2960
1397.....	29001	22937	3148	2916
Manufacture of food products	5088	4042	560	485
Manufacture of beverages.....	193	134	25	34
Manufacture of tobacco products.....	21	10	4	7
Manufacture of textiles	1865	1395	228	242
Manufacture of wearing apparel	481	415	42	24
Manufacture of leather and related products.....	363	308	34	21
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	450	375	40	35
Manufacture of paper and paper products.....	679	526	92	61
Printing and reproduction of recorded media.....	620	568	31	21
Manufacture of coke, refined petroleum products	344	259	42	43
Manufacture of chemicals and chemical products	1733	1326	199	208
Manufacture of pharmaceuticals, medicinal chemical and botanical products	307	163	51	93
Manufacture of rubber and plastic products.....	2650	2214	272	164
Manufacture of other non-metallic mineral products.....	5103	4438	329	336
Manufacture of basic metals	1215	783	196	237
Manufacture of fabricated metal products, except machinery and equipment	2382	1944	253	186
Manufacture of computer, electronic and optical products.....	332	230	48	54
Manufacture of electrical equipment	1208	872	177	160
Manufacture of machinery and equipment n.e.c.	1578	1189	231	157
Manufacture of motor vehicles, trailers and semi-trailers.....	923	535	151	237
Manufacture of other transport equipment.....	158	94	33	32
Manufacture of furniture	693	604	52	38
Manufacture of other manufacturing n.e.c.	562	476	53	33
Repair and installation of machinery and equipment.....	53	39	5	9

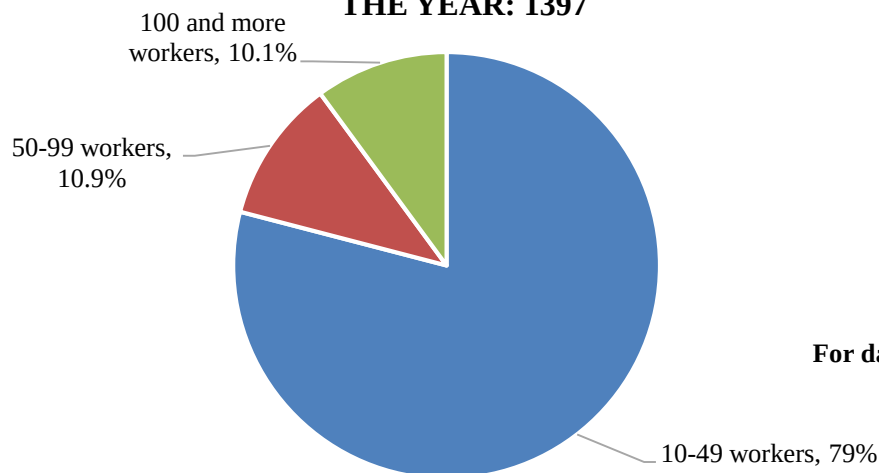
8.8. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY, OWNERSHIP AND SIZE (continued)

Year and activity	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
1385 ⁽¹⁾	559	235	83	241
1390 ⁽¹⁾	355	173	48	134
1393 ⁽¹⁾	283	168	34	81
1394.....	390	180	48	163
1395.....	367	169	51	148
1396.....	179	91	31	57
1397.....	169	123	21	25
Manufacture of food products	22	11	9	3
Manufacture of beverages.....	0	0	0	0
Manufacture of tobacco products.....	1	0	0	1
Manufacture of textiles	1	0	0	1
Manufacture of wearing apparel	1	0	0	1
Manufacture of leather and related products.....	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1	0	0	1
Manufacture of paper and paper products.....	0	0	0	0
Printing and reproduction of recorded media.....	9	7	0	2
Manufacture of coke, refined petroleum products	1	0	0	1
Manufacture of chemicals and chemical products	6	3	2	1
Manufacture of pharmaceuticals, medicinal chemical and botanical products	3	0	0	3
Manufacture of rubber and plastic products.....	0	0	0	0
Manufacture of other non-metallic mineral products.....	104	94	8	1
Manufacture of basic metals	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	1	0	1	0
Manufacture of computer, electronic and optical products.....	1	1	0	0
Manufacture of electrical equipment	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers.....	1	0	0	1
Manufacture of other transport equipment.....	5	0	0	5
Manufacture of furniture	2	1	0	1
Manufacture of other manufacturing n.e.c.	2	1	0	1
Repair and installation of machinery and equipment.....	7	4	1	2

1. Revised figures.

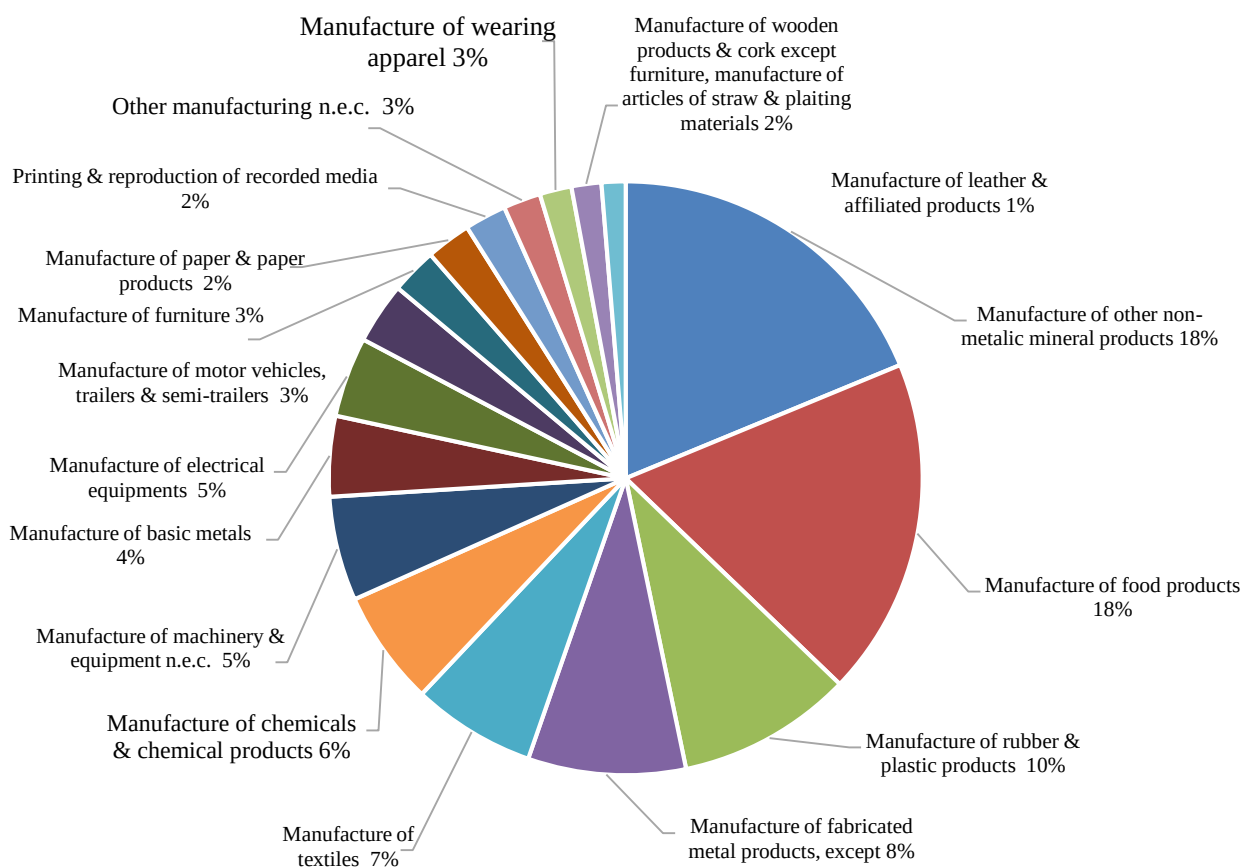
Source: Statistical Centre of Iran.

8.2.DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR: 1397



For data see Table 8.8.

8.3. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY TYPE OF ACTIVITY, THE YEAR: 1397



For data see Table 8.8.

8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN, THE YEAR 1397

Ostan	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	29170	23060	3169	2941
East Azarbayejan.....	1741	1350	230	161
West Azarbayejan	643	543	56	44
Ardebil	250	211	22	17
Esfahan	3825	3136	358	331
Alborz	1635	1121	280	233
Ilam	54	46	2	6
Bushehr	180	129	22	29
Tehran	6294	5120	620	554
Chaharmahal&Bakhtiari	242	199	19	24
South Khorasan	118	91	13	14
Khorasan-e-Razavi.....	2180	1731	227	222
North Khorasan	120	96	15	8
Khuzestan	652	473	85	94
Zanjan	425	276	70	79
Semnan.....	964	832	70	62
Sistan&Baluchestan	331	300	19	12
Fars	1294	1098	98	98
Qazvin	1037	720	138	179
Qom	805	652	87	66
Kordestan	215	180	21	14
Kerman	590	464	67	60
Kermanshah	262	208	24	31
Kohgiluyeh&Boyerahmad	58	46	9	3
Golestan	428	353	48	27
Gilan.....	754	573	93	89
Lorestan.....	319	289	15	15
Mazandaran.....	1073	850	110	113
Markazi	1072	774	140	158
Hormozgan.....	244	194	22	29
Hamedan	419	348	39	32
Yazd	948	657	152	139

8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN, THE YEAR 1397 (continued)

Ostan	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	29001	22937	3148	2916
East Azarbayejan.....	1730	1341	229	160
West Azarbayejan	640	542	56	42
Ardebil	246	208	21	17
Esfahan	3821	3132	358	331
Alborz	1625	1116	280	229
Ilam	54	46	2	6
Bushehr	180	129	22	29
Tehran	6275	5114	619	543
Chaharmahal&Bakhtiari	236	194	18	24
South Khorasan	117	91	12	14
Khorasan-e-Razavi.....	2143	1696	226	221
North Khorasan	120	96	15	8
Khuzestan	644	466	84	94
Zanjan	421	273	69	79
Semnan.....	964	832	70	62
Sistan&Baluchestan	329	299	18	12
Fars	1285	1089	98	98
Qazvin	1036	719	138	179
Qom	800	649	86	65
Kordestan	211	176	21	14
Kerman	584	460	65	59
Kermanshah	261	208	23	31
Kohgiluyeh&Boyerahmad	58	46	9	3
Golestan	421	347	48	26
Gilan.....	750	570	92	88
Lorestan.....	319	289	15	15
Mazandaran.....	1060	839	108	113
Markazi	1068	774	137	157
Hormozgan.....	242	194	21	28
Hamedan	417	346	39	32
Yazd	945	656	151	139

8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN, THE YEAR 1397 (continued)

Ostan	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	169	123	21	25
East Azarbayejan.....	11	9	1	1
West Azarbayejan	3	1	0	2
Ardebil	4	3	1	0
Esfahan	4	4	0	0
Alborz	10	6	0	4
Ilam	0	0	0	0
Bushehr	0	0	0	0
Tehran	19	7	1	11
Chaharmahal&Bakhtiari	6	5	1	0
South Khorasan	1	0	1	0
Khorasan-e-Razavi.....	37	35	1	1
North Khorasan	0	0	0	0
Khuzestan	7	6	1	0
Zanjan	4	3	1	0
Semnan.....	0	0	0	0
Sistan&Baluchestan	2	1	1	0
Fars	10	10	0	0
Qazvin	1	1	0	0
Qom	5	3	1	1
Kordestan	4	4	0	0
Kerman	6	3	2	1
Kermanshah	1	0	1	0
Kohgiluyeh&Boyerahmad	0	0	0	0
Golestan	7	6	0	1
Gilan.....	4	2	1	1
Lorestan.....	0	0	0	0
Mazandaran.....	13	11	2	0
Markazi	4	0	3	1
Hormozgan.....	2	0	1	1
Hamedan	2	2	0	0
Yazd	2	1	1	0

Source: Statistical Centre of Iran.

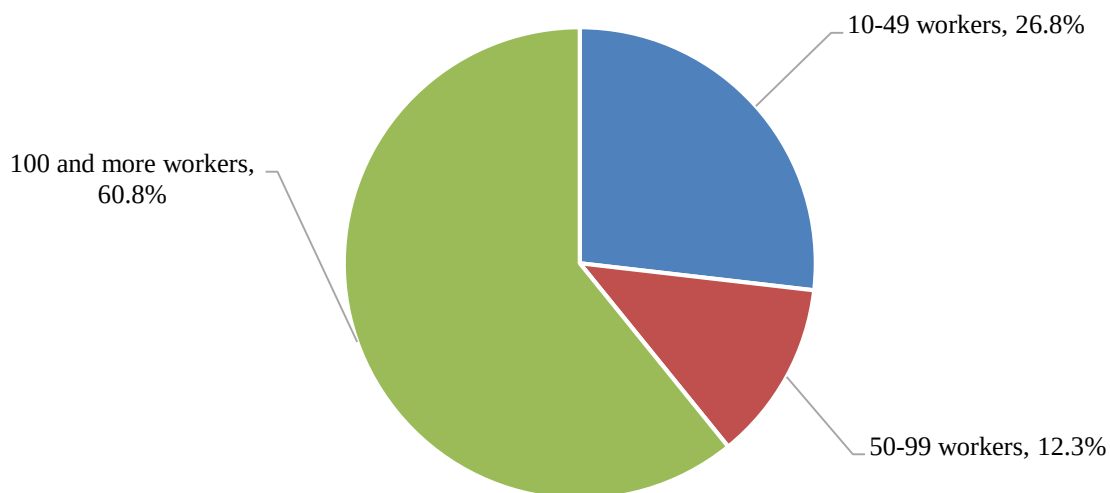
8.10. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY PAID AND UNPAID WORKERS

Year and size of establishments	Total workers	Paid workers			Unpaid workers		
		Both sexes	Male	Female	Both sexes	Male	Female
1385 ⁽¹⁾	1330540	1318007	1196284	121723	12533	12190	343
1390 ⁽¹⁾	1643015	1634497	1475405	159092	8519	8284	234
1393 ⁽¹⁾	1698305	1691667	1519956	171711	6638	6394	244
1394.....	1793358	1775090	1573678	201412	18268	17619	650
1395.....	1788651	1770864	1565099	205764	17788	17160	628
1396.....	1778013	1760506	1556461	204045	17507	16878	629
1397.....	1733789	1716558	1518340	198218	17231	16277	954
10-49 workers	465197	449125	391573	57552	16072	15197	875
50-99 workers	213955	213066	181836	31230	889	830	59
100 and more workers.....	1054637	1054367	944931	109437	270	250	20

1. Revised figures.

Source: Statistical Centre of Iran.

8.4. DISTRIBUTION OF WORKERS OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR: 1397



For data see Table 8.10.

8.11. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY AND SIZE, THE YEAR 1397

Activity	Total	10-49 workers	50-99 workers	100 and more workers
Total	1733789	465197	213955	1054637
Manufacture of food products	299005	84800	38814	175391
Manufacture of beverages	15180	2707	1685	10788
Manufacture of tobacco products.....	5915	173	278	5464
Manufacture of textiles	106767	28616	15221	62930
Manufacture of wearing apparel	15084	7718	2673	4693
Manufacture of leather and related products.....	11937	5264	2173	4500
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	17569	7130	2698	7741
Manufacture of paper and paper products.....	32936	11425	6225	15286
Printing and reproduction of recorded media.....	17882	10014	2120	5747
Manufacture of coke, refined petroleum products	43694	5403	2804	35487
Manufacture of chemicals and chemical products	131777	26953	13969	90855
Manufacture of pharmaceuticals, medicinal chemical and botanical products.....	35539	3931	3536	28072
Manufacture of rubber and plastic products.....	105720	45224	18345	42151
Manufacture of other non-metallic mineral products	209778	84781	21986	103011
Manufacture of basic metals.....	160355	16879	13427	130049
Manufacture of fabricated metal products, except machinery and equipment.....	98479	37190	16994	44295
Manufacture of computer, electronic and optical products.....	25740	5450	3332	16958
Manufacture of electrical equipment.....	77850	18897	12475	46478
Manufacture of machinery and equipment n.e.c.....	80787	25160	15625	40002
Manufacture of motor vehicles, trailers and semi-trailers.....	169106	12328	10239	146540
Manufacture of other transport equipment.....	23375	1945	1971	19459
Manufacture of furniture	22408	11204	3363	7841
Manufacture of other manufacturing n.e.c.	22496	11215	3622	7659
Repair and installation of machinery and equipment....	4412	790	380	3242

Source: Statistical Centre of Iran.

8.12. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1397

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	1733789	465197	213955	1054637
East Azarbayejan.....	106142	27326	15356	63460
West Azarbayejan	29049	10733	4068	14249
Ardebil	10100	4148	1423	4530
Esfahan	207103	64515	24125	118463
Alborz	104856	24482	18931	61444
Ilam	3532	892	122	2518
Bushehr	25961	2603	1415	21943
Tehran	383618	99087	41847	242684
Chaharmahal&Bakhtiari	10257	3294	1369	5594
South Khorasan	6959	1786	921	4252
Khorasan-e-Razavi.....	114699	33886	15255	65558
North Khorasan	7948	1825	1010	5113
Khuzestan	82428	9642	5415	67371
Zanjan	35001	6115	5173	23713
Semnan.....	39797	18628	4573	16596
Sistan&Baluchestan	9909	5733	1339	2837
Fars	58790	20703	6863	31224
Qazvin	75621	15548	9617	50457
Qom	34623	14198	5771	14653
Kordestan	7626	3618	1275	2733
Kerman	41502	8255	4515	28732
Kermanshah	18870	3689	1556	13625
Kohgiluyeh&Boyerahmad	2823	941	537	1345
Golestan	16029	7575	3362	5092
Gilan.....	40912	10823	6336	23753
Lorestan.....	11763	5145	995	5624
Mazandaran.....	60198	18130	7168	34900
Markazi	80705	16497	9885	54323
Hormozgan.....	23092	3938	1385	17769
Hamedan	17005	7183	2616	7206
Yazd	66871	14258	9736	42876

Source: Statistical Centre of Iran

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

Year and size of establishments	Both sexes		
	Total	Wages and salaries	Other payments
1385 ⁽¹⁾	73005550	42638803	30366747
1390 ⁽¹⁾	184747017	115707147	69039870
1393 ⁽¹⁾	344375846	216163456	128212391
1394 ⁽¹⁾	419885887	274535801	145350086
1395.....	500438932	333639093	166799839
1396.....	586110423	394782903	191327521
1397.....	665538249	447079517	218458732
10-49 workers	106204804	79980519	26224285
50-99	57376123	41318732	16057391
100 and more workers	501957322	325780266	176177056

Year and size of establishments	Male			Female		
	Total	Wages and salaries	Other payments	Total	Wages and salaries	Other payments
1385 ⁽¹⁾	67806035	39227761	28578274	5199515	3411042	1788473
1390 ⁽¹⁾	170428337	106166951	64261386	14318679	9540196	4778484
1393 ⁽¹⁾	316045893	197451974	118593919	28329953	18711482	9618472
1394 ⁽¹⁾	383813577	250132926	133680651	36072310	24402875	11669435
1395	455032328	303159798	151872531	45406604	30479295	14927309
1396	533291258	358321217	174970042	52819165	36461686	16357479
1397.....	604126575	404970404	199156172	61411674	42109113	19302560
10-49 workers	93977274	70690973	23286302	12227530	9289546	2937983
50-99	49696863	35706238	13990624	7679261	5612494	2066767
100 and more workers	460452439	298573193	161879246	41504883	27207073	14297810

1. Revised figures.

Source: Statistical Centre of Iran.

**8.14. COMPENSATION OF WAGE AND SALARY EARNERS IN MANUFACTURING
ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY AND
SIZES, THE YEAR 1397**

(mln rials)

Activity	Total	10-49 workers	50-99 workers	100 and more workers
Total	665538249	106204804	57376123	501957322
Manufacture of food products	84173825	17979668	9545489	56648669
Manufacture of beverages	5318379	584197	527727	4206455
Manufacture of tobacco products.....	4807023	46485	86979	4673559
Manufacture of textiles	26251580	6314222	3832170	16105187
Manufacture of wearing apparel	3259979	1366972	597237	1295770
Manufacture of leather and related products.....	2670416	1104902	489069	1076446
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	4752495	1496118	652372	2604005
Manufacture of paper and paper products.....	9553917	2686909	1597299	5269708
Printing and reproduction of recorded media.....	5849860	2353002	638560	2858298
Manufacture of coke, refined petroleum products	28703272	1378862	914959	26409452
Manufacture of chemicals and chemical products	79277624	6692805	4233153	68351666
Manufacture of pharmaceuticals, medicinal chemical and botanical products	18824403	1208216	1149480	16466706
Manufacture of rubber and plastic products.....	29899655	10506387	4939093	14454175
Manufacture of other non-metallic mineral products.....	60256685	18627136	5668165	35961384
Manufacture of basic metals	96003637	4019776	3702329	88281532
Manufacture of fabricated metal products, except machinery and equipment	29392255	8769965	4531990	16090301
Manufacture of computer, electronic and optical products	9201219	1576560	994597	6630062
Manufacture of electrical equipment	23921282	4427484	3457831	16035968
Manufacture of machinery and equipment n.e.c.	26162318	6068246	4477790	15616282
Manufacture of motor vehicles, trailers and semi-trailers...	92354800	3093963	2862253	86398583
Manufacture of other transport equipment.....	11580987	483720	524687	10572580
Manufacture of furniture	5455919	2430951	847174	2177794
Manufacture of other manufacturing n.e.c.	6092577	2800114	992141	2300322
Repair and installation of machinery and equipment.....	1774139	188144	113579	1472416

Source: Statistical Centre of Iran.

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

Year and size of establishments	Total	Machinery and ...	Office equipment	Vehicles
1385 ⁽¹⁾	59123883	33769222	1155467	1405431
1390 ⁽¹⁾	97488338	46136404	3337112	2537104
1393 ⁽¹⁾	175331548	99431560	5043731	5416662
1394	184894534	76471719	4574306	5301064
1395	234890837	128638671	5984487	734440
1396	257336118	155336725	7035821	8335423
1397	639726529	183480431	8188782	8709360
10-49 workers	41499704	27599362	918089	1173519
50-99	25089090	15705523	533511	813322
100 and more workers	573137735	140175546	6737182	6722519

Year and size of establishments	Building (without land)	Land	Computer software
1385 ⁽¹⁾	20770786	1847190	175788
1390 ⁽¹⁾	30429780	14413909	634029
1393 ⁽¹⁾	54697588	8874272	1867735
1394	54352756	41854088	2340601
1395	85247052	13499873	786314
1396	73104624	11780617	1742908
1397	414259931	21181732	3906292
10-49 workers	7508194	3984796	315744
50-99	6126884	1545477	364373
100 and more workers	400624853	15651459	3226175

1. Revised figures.

Source: Statistical Centre of Iran.

8.16. INVESTMENT (CHANGES IN NON-FINANCIAL ASSETS) IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY AND SIZE, THE YEAR: 1397 **(mln rials)**

Activity	Total	10-49 workers	50-99 workers	100 and more workers
Total	639726529	41499704	25089090	573137735
Manufacture of food products	47775943	8466699	3229006	36080239
Manufacture of beverages	4181618	181616	525484	3474518
Manufacture of tobacco products.....	1779501	12141	21301	1746059
Manufacture of textiles	16025143	1633497	1402088	12989558
Manufacture of wearing apparel	312665	71818	113044	127803
Manufacture of leather and related products.....	631344	103354	338209	189780
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2822594	830284	521647	1470663
Manufacture of paper and paper products.....	12017935	1085389	1640687	9291859
Printing and reproduction of recorded media.....	1763766	691484	408840	663442
Manufacture of coke, refined petroleum products	293530456	768362	179857	292582237
Manufacture of chemicals and chemical products	131793651	7450017	2336006	122007628
Manufacture of pharmaceuticals, medicinal chemical and botanical products	9304241	547004	826503	7930735
Manufacture of rubber and plastic products.....	12150818	5012259	2448676	4689883
Manufacture of other non-metallic mineral products...	23900337	6255888	2466226	15178223
Manufacture of basic metals	31158172	1300295	1625316	28232560
Manufacture of fabricated metal products, except machinery and equipment	11771539	2359818	1593219	7818502
Manufacture of computer, electronic and optical products.....	3918945	349401	405882	3163663
Manufacture of electrical equipment	8088077	1249947	1362944	5475186
Manufacture of machinery and equipment n.e.c.	5038654	1521402	1125096	2392156
Manufacture of motor vehicles, trailers and semi- trailers	14986353	645155	1832357	12508841
Manufacture of other transport equipment.....	2864172	134337	49569	2680266
Manufacture of furniture	1753506	485455	199863	1068189
Manufacture of other manufacturing n.e.c.	1600156	324455	367864	907837
Repair and installation of machinery and equipment...	556941	19626	69408	467908

Source: Statistical Centre of Iran.

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

Year and activity	Total	10-49 workers	50-99 workers	100 and more workers
1385 ⁽¹⁾	330022444	50308932	22177648	257535865
1390 ⁽¹⁾	774982900	113327725	60787569	600867606
1393 ⁽¹⁾	1511865678	189171721	102680117	1220013841
1394.....	1414910422	196845059	110518779	1107546583
1395.....	1754395310	238250831	124219393	1391925086
1396.....	2164315649	289190232	147117807	1728007610
1397.....	3118741231	439085343	236619150	2443036738
Manufacture of food products	346025910	97458721	51299988	197267201
Manufacture of beverages.....	23009241	2174327	1345587	19489326
Manufacture of tobacco products.....	15391112	435071	253897	14702144
Manufacture of textiles	79199733	18063279	11814214	49322240
Manufacture of wearing apparel	10086083	5511317	1184323	3390443
Manufacture of leather and related products.....	8561281	4055688	1758750	2746843
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	20669515	4489825	1966585	14213105
Manufacture of paper and paper products.....	42574124	10747724	5264680	26561720
Printing and reproduction of recorded media.....	14338144	6026863	2638960	5672321
Manufacture of coke, refined petroleum products	359745378	13986638	7712566	338046174
Manufacture of chemicals and chemical products	709715523	33266432	23931922	652517168
Manufacture of pharmaceuticals, medicinal chemical and botanical products	89128902	6174997	6183239	76770666
Manufacture of rubber and plastic products.....	128991606	65695992	16473412	46822202
Manufacture of other non-metallic mineral products.....	223263815	62307326	21196901	139759588
Manufacture of basic metals	613804254	22707916	28584837	562511500
Manufacture of fabricated metal products, except machinery and equipment	81153491	26755378	14393644	40004469
Manufacture of computer, electronic and optical products.....	35952579	5493422	3195533	27263623
Manufacture of electrical equipment	86077440	16145552	11742700	58189188
Manufacture of machinery and equipment n.e.c.	73757417	15052549	12393777	46311091
Manufacture of motor vehicles, trailers and semi-trailers	94247005	7636137	5618311	80992557
Manufacture of other transport equipment.....	23757034	1578351	1374773	20803909
Manufacture of furniture	17313126	6861774	2719917	7731435
Manufacture of other manufacturing n.e.c.	16249131	5728918	3367893	7152321
Repair and installation of machinery and equipment.....	5729387	731143	202741	4795503

1. Revised figures

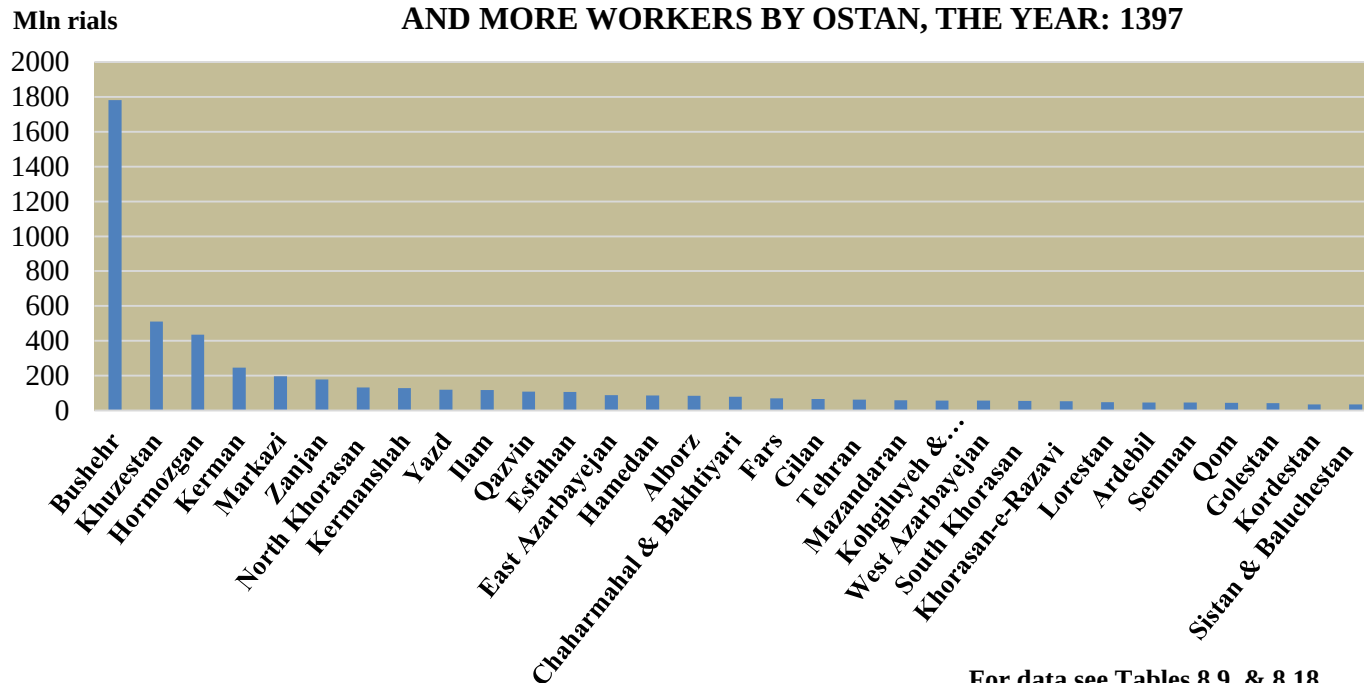
Source: Statistical Centre of Iran.

8.18. VALUE-ADDED RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR: 1397 **(mln rials)**

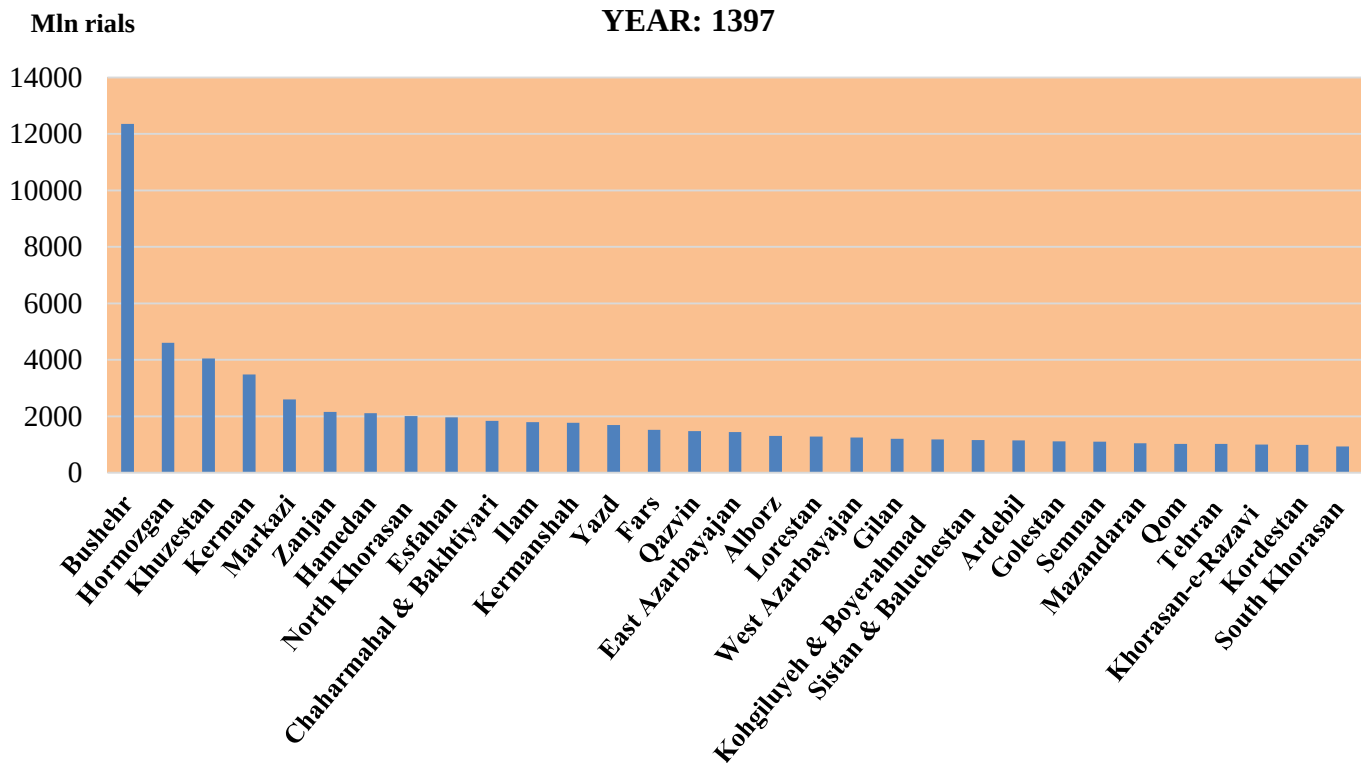
Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	3118741231	439085343	236619150	2443036738
East Azarbayejan.....	152921794	27349048	23659189	101913557
West Azarbayejan	36179988	10748464	4252592	21178932
Ardebil	11639678	4831741	1068394	5739543
Esfahan	407359199	46115375	23009245	338234579
Alborz	137365563	23964893	21039964	92360706
Ilam	6336519	597369	6425	5732725
Bushehr	320672456	3099795	1702692	315869970
Tehran	390780092	96793574	35906119	258080399
Chaharmahal & Bakhtiari	18917302	3150400	1255641	14511262
South Khorasan	6491777	1546903	1483876	3460997
Khorasan-e-Razavi.....	114579795	25391091	12548139	76640565
North Khorasan	15937630	1703637	1401950	12832043
Khuzestan	333322847	13214482	11990382	308117983
Zanjan	75500189	8133480	12854411	54512298
Semnan.....	43785366	20560704	3785563	19439099
Sistan & Baluchestan	11531323	3823115	1938011	5770198
Fars	89319329	17779074	8659096	62881159
Qazvin	111599230	17072690	10641247	83885292
Qom	35339363	12321583	4896684	18121096
Kordestan	7571545	2986993	829286	3755266
Kerman	144661574	7313497	4761746	132586331
Kermanshah	33517049	4157831	1312890	28046328
Kohgiluyeh&Boyerahmad	3325156	696051	429956	2199149
Golestan	17818669	6062243	5018201	6738225
Gilan.....	49262695	7966281	4449949	36846465
Lorestan.....	15077797	4505963	882231	9689603
Mazandaran.....	62994390	16459038	5784868	40750484
Markazi	209740888	17331059	13035224	179374606
Hormozgan.....	106309028	4869747	2618417	98820864
Hamedan	35951732	14345747	5531226	16074759
Yazd	112931267	14193476	9865535	88872256

Source: Statistical Centre of Iran.

8.6. PRODUCTIVITY OF MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY OSTAN, THE YEAR: 1397



8.7. PRODUCTIVITY OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY OSTAN, THE YEAR: 1397



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

Year and activity	Payments			
	Total	10-49 workers	50-99 workers	100 and more workers
1385 ⁽¹⁾	30525778	3656827	1737624	25131327
1390 ⁽¹⁾	74210212	7040710	4364382	62805121
1393 ⁽¹⁾	166946662	10764562	6877490	149304610
1394.....	235426301	11634466	7558946	216232889
1395.....	248878678	13796490	8677389	226404799
1396.....	277197208	15686852	11624014	249886342
1397.....	379211270	21110630	13838740	344261899
Manufacture of food products	27976016	4061107	2244934	21669975
Manufacture of beverages.....	3577377	123737	67404	3386236
Manufacture of tobacco products.....	1931295	73966	31607	1825723
Manufacture of textiles	2875408	793795	419546	1662067
Manufacture of wearing apparel	738023	145346	53212	539464
Manufacture of leather and related products.....	405859	168447	56587	180825
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1350437	175338	169820	1005278
Manufacture of paper and paper products.....	4218299	431879	275271	3511149
Printing and reproduction of recorded media.....	1241294	407725	100944	732625
Manufacture of coke, refined petroleum products	98054346	963204	500984	96590158
Manufacture of chemicals and chemical products	84560737	2151870	1996744	80412123
Manufacture of pharmaceuticals, medicinal chemical and botanical products	9077626	343559	550171	8183897
Manufacture of rubber and plastic products.....	6856520	2018217	1313454	3524848
Manufacture of other non-metallic mineral products.....	16631572	3304782	1006747	12320043
Manufacture of basic metals	51984916	953001	1262754	49769161
Manufacture of fabricated metal products, except machinery and equipment	6694520	1707164	863247	4124110
Manufacture of computer, electronic and optical products	4979660	480850	270509	4228301
Manufacture of electrical equipment	8132236	666207	623798	6842231
Manufacture of machinery and equipment n.e.c	6918088	833876	1082788	5001425
Manufacture of motor vehicles, trailers and semi-trailers	36678402	350118	492118	35836166
Manufacture of other transport equipment.....	1496899	117582	103426	1275891
Manufacture of furniture	962629	222301	136559	603770
Manufacture of other manufacturing n.e.c.	1451761	560199	204446	687116
Repair and installation of machinery and equipment.....	417350	56361	11670	349319

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

Year and activity	Receipts			
	Total	10-49 workers	50-99 workers	100 and more workers
1385 ⁽¹⁾	2091111	381017	143792	1566302
1390 ⁽¹⁾	9337036	649959	485013	8202064
1393 ⁽¹⁾	17030112	704203	1020788	15305121
1394.....	61857125	1085658	695977	60075490
1395.....	68643462	612778	807213	67223471
1396.....	74616887	1092705	1799478	71724704
1397.....	93681191	1030427	6347398	86303366
Manufacture of food products	4192260	262928	69611	3859722
Manufacture of beverages.....	66702	3958	299	62444
Manufacture of tobacco products.....	776696	0	0	776696
Manufacture of textiles	414299	31619	300695	81985
Manufacture of wearing apparel	410	130	0	280
Manufacture of leather and related products.....	28558	0	12	28546
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	17451	3966	6334	7152
Manufacture of paper and paper products.....	284747	1578	865	282303
Printing and reproduction of recorded media.....	71457	17821	6911	46725
Manufacture of coke, refined petroleum products	50419377	33978	3420	50381980
Manufacture of chemicals and chemical products	8494645	74054	4312528	4108063
Manufacture of pharmaceuticals, medicinal chemical and botanical products	280067	82865	22818	174384
Manufacture of rubber and plastic products.....	272053	98803	53911	119339
Manufacture of other non-metallic mineral products.....	778334	213093	279310	285931
Manufacture of basic metals	6939790	17866	25588	6896336
Manufacture of fabricated metal products, except machinery and equipment	502369	36610	189882	275877
Manufacture of computer, electronic and optical products.....	2722702	59200	957019	1706483
Manufacture of electrical equipment	304049	60684	56680	186684
Manufacture of machinery and equipment n.e.c.	519547	13227	19380	486940
Manufacture of motor vehicles, trailers and semi-trailers	16457859	10511	39323	16408024
Manufacture of other transport equipment.....	21222	5076	921	15225
Manufacture of furniture	27646	568	339	26739
Manufacture of other manufacturing n.e.c.	12104	1892	1553	8660
Repair and installation of machinery and equipment.....	76846	0	0	76846

1. Revised figures.

Source: Statistical Centre of Iran.

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

Description	Number	Member	Employed	Capital (mln rials)
<i>Registered cooperatives ⁽¹⁾</i>				
1380.....	8764	138339	87105	1932083
1385.....	18329	237158	177488	2716607
1390.....	31662	327743	315094	6172181
1394.....	37111	400138	378110	26612179
1395.....	38166	412376	391663	23759031
1396.....	38940	423745	402905	48179225
1397.....	39677	432296	412056	41136133
1398.....	40329	438080	421121	42339597
<i>Cooperatives under establishment</i>				
1380.....	475	5457	4911	75107
1385.....	3503	38966	36596	415501
1390.....	5824	48676	71936	411966
1394.....	5261	48868	58839	1159612
1395.....	5365	55358	63509	1827056
1396.....	5072	49530	58390	10214927
1397.....	5086	48974	57989	10580735
1398.....	5419	52146	63830	10697956
<i>Operating cooperatives</i>				
1380.....	3738	66788	46542	1550468
1385.....	8291	116028	88624	1935014
1390.....	12164	153375	120322	4731922
1394.....	12016	142354	123572	18670934
1395.....	11530	135624	117401	15018253
1396.....	11186	136928	115546	25719592
1397.....	11125	137366	119639	18112005
1398.....	11050	136455	117873	19092635

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

Description	Number	Member	Employed	Capital (mln rials)
East Azarbayejan.....	846	8462	9166	442395
West Azarbayejan	190	1556	2043	533138
Ardebil	158	1420	1273	2337135
Esfahan.....	432	9063	4209	623852
Alborz	70	851	974	260689
Ilam	177	1438	1298	51517
Bushehr	394	3108	4847	693283
Tehran	541	14564	12704	513615
Chaharmahal&Bakhtiari	377	2839	2857	139543
South Khorasan	163	2538	1524	53612
Khorasan-e-Razavi.....	740	10597	7085	586664
North Khorasan	227	1993	1967	116599
Khuzestan	638	5360	6435	158277
Zanjan	116	950	962	384879
Semnan.....	168	1599	2069	407635
Sistan&Baluchestan	231	3400	4539	252504
Fars	829	9608	9022	5637922
Qazvin	89	751	1242	192077
Qom	175	1709	1778	374056
Kordestan	256	2113	2054	706696
Kerman	533	6242	4709	130409
Kermanshah	357	3470	4330	517234
Kohgiluyeh&Boyerahmad	280	2151	2868	532583
Golestan	426	3249	3150	304945
Gilan.....	324	3562	3019	695461
Lorestan.....	357	2841	3238	113902
Mazandaran.....	743	6353	6477	904321
Markazi	314	3704	2838	424892
Hormozgan.....	380	3363	3967	44753
Hamedan	194	2144	1994	104654
Yazd	325	15457	3235	853393

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

Source: Ministry of Cooperatives, Labor and Social Welfare.

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

Description	Number	Member	Employed	Capital (mln rials)
<i>Registered cooperatives ⁽¹⁾</i>				
1380.....	997	114940	59489	31812
1385.....	1954	124127	71006	56162
1390.....	3031	92984	84082	131297
1394.....	3624	162354	101608	171834
1395.....	3778	165010	109292	187626
1396.....	3879	166449	113615	210406
1397.....	3999	168051	110481	240244
1398.....	4115	169353	111247	249559
<i>Cooperatives under establishment</i>				
1380.....	14	185	349	166
1385.....	344	2827	5228	13990
1390.....	443	4115	7546	57590
1394.....	536	5052	12003	51428
1395.....	567	5591	16381	21319
1396.....	521	5211	16037	22856
1397.....	573	5618	15798	40594
1398.....	660	6181	16006	39100
<i>Operating cooperatives</i>				
1380.....	463	67906	31010	19454
1385.....	963	73234	36791	29045
1390.....	1343	67882	33792	41860
1394.....	1203	58548	27656	69447
1395.....	1152	57792	28892	74966
1396.....	1164	56622	31072	92657
1397.....	1177	57841	27310	103134
1398.....	1150	58667	27089	112868

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

Description	Number	Member	Employed	Capital (mln rials)
East Azarbayejan.....	116	2812	1371	19395
West Azarbayejan	34	3489	2868	17116
Ardebil	49	473	677	1334
Esfahan	41	34414	3620	12290
Alborz	3	126	2	90
Ilam	36	347	331	492
Bushehr	29	264	453	941
Tehran	55	938	2061	713
Chaharmahal&Bakhtiari	34	2245	3807	2355
South Khorasan	19	334	659	2653
Khorasan-e-Razavi.....	82	1403	2172	11393
North Khorasan	23	177	133	553
Khuzestan	36	424	662	1344
Zanjan	11	90	174	322
Semnan.....	13	185	229	1238
Sistan&Baluchestan	13	221	434	465
Fars	93	4002	1921	6090
Qazvin	13	91	114	163
Qom	6	77	104	467
Kordestan	15	465	264	333
Kerman	64	1843	858	11728
Kermanshah	23	604	638	426
Kohgiluyeh&Boyerahmad	31	256	311	746
Golestan	44	562	386	499
Gilan.....	45	422	432	9943
Lorestan.....	97	1271	1090	1461
Mazandaran.....	42	398	428	658
Markazi	20	141	254	237
Hormozgan.....	29	226	219	1268
Hamedan	17	176	245	711
Yazd	17	191	172	5446

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

Source: Ministry of Cooperatives, Labor and Social Welfare.