

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, information related to the years 1394 and 1395 is based on the new frame and information on previous years which has been updated and provided in the 1397 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 1396, there were 30332 manufacturing establishments with 10 and more workers totaling 1778013 employed persons, which decreased by 3.1 and 0.6 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, 27.5 percent were employed in the establishments with 10-49 workers, 12.1 percent in the establishments with 50-99 workers and 60.4 percent were employees of the establishments with 100 and more workers.

In the year 1396, the amount of investment made in manufacturing establishments with 10 and more workers was about 257336118 million rials, which increased by about 9.5 percent in contrast to the previous year.

Also in the same year, the value-added of the activity of manufacturing establishments with 10 and more workers was about 2164315649 million rials which increased by 23.4 percent compared to the preceding year. Out of the mentioned amount of value added, 20.9 percent is related to the production of chemicals and chemical products, 7.5 percent relates to non-metallic mineral products, 16.6 percent relates to the production of other basic metals, 9.3 percent relates to the production of motor vehicles, trailers and semi-trailers, 3.0 percent is for the production of machinery and unclassified equipment in other places, 3.0 percent is for the manufacture of pharmaceuticals, medicinal chemical and botanical products, 3.2 percent is for production of rubber and plastic products and 10.6 percent goes to the production of food and beverages.

In the year 1396, Busheher, Khuzestan and Hormozgan Ostans with 1153392, 346208 and 237908 million rials had the highest manufacturing establishments productivity with 10 and more workers, respectively and also Busheher, Hormozgan and Khuzestan Ostans with 8700, 2901 and 2715 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	1393	1394	1395	1396	1397
Total	17098	54288	15872	18624	16067	16897	20902	24462
Manufacture of food products and beverages	2861	9849	2948	2625	2654	2732	3137	3393
manufacture of tobacco products and products of tobacco substitutes: cigarettes	2	7	2	11	12	9	17	21
Manufacture of textiles	1161	2683	529	693	576	752	826	864
Manufacture of wearing apparel; dressing and dyeing of fur.....	1164	1997	260	368	472	460	583	791
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	230	506	79	131	109	130	139	188
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	405	1780	528	467	407	343	526	590
Manufacture of paper and paper products.....	600	1655	462	601	566	529	642	745
Publishing, printing and reproduction of recorded media.....	63	204	33	36	34	53	71	57
Manufacture of coke, refined petroleum products and nuclear fuels	142	456	199	219	153	138	222	316
Manufacture of chemicals and chemical products	1298	3255	912	1250	1193	1545	1800	2503
Manufacture of rubber and plastic products.....	1340	6573	1846	1910	1743	1672	2103	2339
Manufacture of other non-metallic mineral products.....	2528	8674	3936	2787	1933	1970	2578	3298
Manufacture of basic metals	555	2089	606	858	571	598	791	620
Manufacture of fabricated metal products, except machinery and equipment.....	1289	4558	1353	1418	1257	1298	1740	2022
Manufacture of machinery and equipment n.e.c.	1196	3572	797	1132	985	1064	1367	1637
Manufacture of office, accounting and computing machinery.....	241	435	25	28	47	68	69	85
Manufacture of electric generators, transformers and electric apparatus n.e.c.....	552	1495	351	457	484	466	599	651
Manufacture of radio, television and communication equipment and apparatus	128	304	53	76	75	100	138	204
Manufacture of medical, precision and optical instruments, watches and clocks.....	169	372	113	225	238	288	343	448
Manufacture of motor vehicles, trailers and semi-trailers.....	579	1306	280	313	339	368	393	499
Manufacture of other transport equipment.....	243	413	99	94	91	92	152	141
Manufacture of furniture; manufacturing n.e.c	279	1298	218	474	531	615	884	1070
Recycling	73	807	239	628	426	327	421	512
Production of energy	×	×	×	65	73	39	0	2
Supporting and auxiliary transport activities; travel agency activities	×	×	×	197	99	80	37	6
Computer and related activities.....	×	×	4	6	6	2	0	0
Research and development.....	×	×	×	0	1	2	0	0
Other activities of engineering services	×	×	×	1555	992	1150	1314	1444
Sewage and refuse disposal, sanitation and similar activities	×	×	×	×	×	6	10	14
Water collection, treatment and supply.....	×	×	×	×	×	1	0	2

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

Source: Ministry of Industry, Mine and Trade.

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

Description	(number)							
	1380	1385	1390	1393	1394	1395	1396	1397
Total country	-	-	-	18624	16067	16897	20902	24462
East Azarbayejan	-	-	-	2110	2073	1026	1071	1434
West Azarbayejan.....	-	-	-	521	365	429	448	580
Ardebil	-	-	-	376	321	334	346	442
Esfahan	-	-	-	1164	863	952	1134	931
Alborz	-	-	-	379	463	447	456	514
Ilam.....	-	-	-	97	162	142	160	185
Bushehr.....	-	-	-	188	150	243	305	249
Tehran	-	-	-	749	731	751	888	958
Chaharmahal&Bakhtiyari.....	-	-	-	442	318	321	325	512
South Khorasan.....	-	-	-	111	123	164	190	237
Khorasan-e-Razavi	-	-	-	1340	1376	1445	1791	1682
North Khorasan.....	-	-	-	101	110	102	125	237
Khuzestan	-	-	-	516	458	516	730	955
Zanjan	-	-	-	614	459	495	597	764
Semnan	-	-	-	349	456	776	1155	2144
Sistan &Baluchestan.....	-	-	-	355	249	298	421	626
Fars	-	-	-	1816	1212	1249	1639	1669
Qazvin	-	-	-	523	376	391	482	545
Qom	-	-	-	369	440	868	1246	1800
Kordestan.....	-	-	-	448	351	333	539	519
Kerman	-	-	-	442	392	429	532	506
South of Kerma.....	-	-	-	-	-	-	-	103
Kermanshah	-	-	-	315	249	240	445	819
Kohgiluyeh&Boyerahmad.....	-	-	-	125	109	116	139	137
Golestan.....	-	-	-	343	244	252	328	262
Gilan	-	-	-	377	488	620	630	444
Lorestan	-	-	-	246	320	446	481	396
Mazandaran	-	-	-	750	503	697	799	783
Markazi.....	-	-	-	1281	780	619	708	804
Hormozgan	-	-	-	226	171	209	357	515
Hamedan.....	-	-	-	440	283	327	573	607
Yazd	-	-	-	1409	1343	1556	1604	1718
Aras Free Zone	-	-	-	63	76	27	45	51
Arvand Free Zone.....	-	-	-	2	6	6	16	13
Anzali Free Zone	-	-	-	23	24	27	30	38
Chabahar Free Zone.....	-	-	-	1	5	10	21	35
Qeshm Free Zone.....	-	-	-	4	3	6	3	11
Kish Free Zone	-	-	-	1	0	0	1	0
Maku Free Zone.....	-	-	-	8	15	16	34	98
Special economic zone	-	-	-	-	-	12	108	139

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

Source: Ministry of Industry, Mine and Trade.

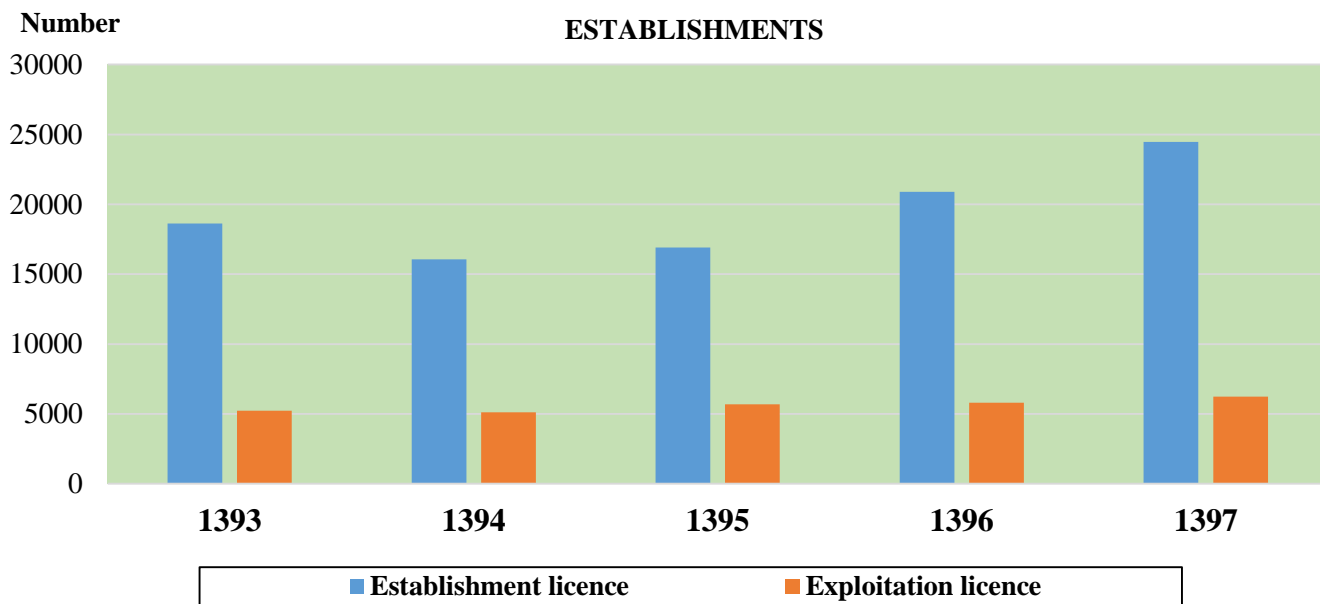
8.3. EXPLOITATION LICENSES ⁽¹⁾ ISSUED BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR ESTABLISHING OF MANUFACTURING ESTABLISHMENTS, BY TYPE OF ACTIVITY **(number)**

Activity	1380	1385	1390	1393	1394	1395	1396	1397
Total	3550	6764	6292	5233	5107	5692	5803	6235
Manufacture of food products and beverages	651	833	1151	783	838	810	862	810
Manufacture of tobacco products and products of tobacco substitutes: cigarettes	1	0	3	2	5	4	2	6
Manufacture of textiles	289	444	262	180	151	219	262	293
Manufacture of wearing apparel; dressing and dyeing of fur.....	193	115	65	49	47	80	68	91
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	111	60	51	34	44	28	85	53
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	81	223	165	79	93	113	96	124
Manufacture of paper and paper products.....	106	168	163	163	131	127	145	142
Publishing, printing and reproduction of recorded media	24	28	11	13	17	22	21	18
Manufacture of coke, refined petroleum products and nuclear fuels	66	87	94	205	191	158	154	184
Manufacture of chemicals and chemical products	332	522	481	496	552	652	647	758
Manufacture of rubber and plastic products.....	325	979	851	713	609	782	753	908
Manufacture of other non-metallic mineral products.....	407	1731	1177	602	530	646	547	707
Manufacture of basic metals	120	208	344	369	326	332	383	238
Manufacture of fabricated metal products, except machinery and equipment	267	438	519	353	319	381	380	424
Manufacture of machinery and equipment n.e.c.	229	399	373	343	380	372	393	443
Manufacture of office, accounting and computing machinery.....	29	27	17	7	19	23	21	38
Manufacture of electric generators, transformers and electric apparatus n.e.c	78	131	163	178	150	165	172	234
Manufacture of radio, television and communication equipment and apparatus.....	16	20	31	26	19	30	37	39
Manufacture of medical, precision and optical instruments, watches and clocks	25	34	53	72	102	120	133	97
Manufacture of motor vehicles, trailers and semi-trailers	114	136	128	98	98	120	107	126
Manufacture of other transport equipment.....	51	54	36	27	29	41	63	53
Manufacture of furniture; manufacturing n.e.c	25	100	88	86	112	117	105	115
Recycling	10	27	63	78	74	81	96	109
Production of energy	×	×	×	3	2	3	0	0
Supporting and auxiliary transport activities; travel agency activities	×	×	×	59	48	31	36	21
Computer and related activities.....	×	×	3	1	1	0	0	0
Other activities of engineering services	×	×	×	214	220	231	230	200
Sewage and refuse disposal, sanitation and similar activities	×	×	×	×	×	4	5	3
Water collection, treatment and supply.....	0	0	0	0	0	0	0	1

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

Source: Ministry of Industry, Mine and Trade.

8.1. ESTABLISHMENT AND EXPLOITATION LICENCES ISSUED FOR MANUFACTURING



For data see Tables 8.1. and 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	1393	1394	1395	1396	1397
Total country	-	-	-	5233	5107	5692	5803	6235
East Azarbayejan	-	-	-	577	494	330	490	480
West Azarbayejan	-	-	-	161	181	172	189	209
Ardebil	-	-	-	90	64	101	105	126
Esfahan	-	-	-	436	416	485	516	648
Alborz	-	-	-	257	292	308	286	372
Ilam	-	-	-	64	23	26	37	30
Bushehr	-	-	-	30	25	45	44	39
Tehran	-	-	-	310	568	592	460	406
Chaharmahal&Bakhtiyari	-	-	-	96	73	69	63	90
South Khorasan	-	-	-	39	66	33	32	29
Khorasan-e-Razavi	-	-	-	442	303	348	305	385
North Khorasan	-	-	-	17	21	39	33	18
Khuzestan	-	-	-	139	129	168	147	158
Zanjan	-	-	-	95	115	130	162	118
Semnan	-	-	-	145	129	163	187	195
Sistan&Baluchestan	-	-	-	57	51	85	71	89
Fars	-	-	-	207	266	269	220	296
Qazvin	-	-	-	248	210	267	252	245
Qom	-	-	-	267	258	310	272	275
Kordestan	-	-	-	68	64	64	67	69
Kerman	-	-	-	102	109	151	131	125
Kermanshah	-	-	-	69	77	100	98	31
Kohgiluyeh&Boyerahmad	-	-	-	37	28	33	39	80
Golestan	-	-	-	97	86	130	123	26
Gilan	-	-	-	150	151	179	188	143
Lorestan	-	-	-	131	98	116	133	158
Mazandaran	-	-	-	204	189	193	220	118
Markazi	-	-	-	236	198	223	235	216
Hormozgan	-	-	-	66	57	98	104	296
Hamedan	-	-	-	75	64	76	74	92
Yazd	-	-	-	220	183	210	223	80
Aras Free Zone	-	-	-	30	50	44	46	262
Arvand Free Zone	-	-	-	0	9	21	28	41
Anzali Free Zone	-	-	-	65	34	53	37	31
Payam Free Zone	-	-	-	-	2	0	0	40
Chabahar Free Zone	-	-	-	1	7	12	32	0
Qeshm Free Zone	-	-	-	2	11	24	18	36
Kish Free Zone	-	-	-	0	0	0	0	38
Maku Free Zone	-	-	-	3	6	13	53	1
Special economic zone	-	-	-	-	-	12	83	34

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

Source: Ministry of Industry, Mine and Trade.

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

Activity	1380	1385	1390	1393	1394	1395	1396	1397
Total	74578	126155	109100	83021	78999	89984	104431	107350
Manufacture of food products and beverages	14245	19762	18719	11999	9897	13893	19192	15734
Manufacture of tobacco products and products of tobacco substitutes: cigarettes	15	0	65	25	435	31	445	427
Manufacture of textiles	6564	10275	4954	3702	3588	5433	6951	5693
Manufacture of wearing apparel; dressing and dyeing of fur.....	2708	1477	978	1248	757	1432	1461	1618
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	1211	834	497	226	530	272	751	760
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	992	2764	1817	1041	1321	2184	1599	2342
Manufacture of paper and paper products.....	1353	2860	2401	2458	1864	2077	2240	2885
Publishing, printing and reproduction of recorded media.....	229	424	125	440	199	318	191	246
Manufacture of coke, refined petroleum products and nuclear fuels	1126	1218	3230	1963	2197	2066	1651	6839
Manufacture of chemicals and chemical products	13037	10485	8857	7570	8152	8377	10750	11172
Manufacture of rubber and plastic products.....	3856	12429	10797	7831	7186	8722	9518	9640
Manufacture of other non-metallic mineral products.	9252	25090	18215	10184	7398	8364	9306	8703
Manufacture of basic metals	2496	7421	9496	6069	6581	8115	11121	9380
Manufacture of fabricated metal products, except machinery and equipment	3869	9038	8620	5166	6360	5850	5989	7630
Manufacture of machinery and equipment n.e.c.	4088	7639	6877	7041	7522	5892	6058	7074
Manufacture of office, accounting and computing machinery.....	361	540	417	312	673	470	245	340
Manufacture of electric generators, transformers and electric apparatus n.e.c.....	2692	4654	3741	3747	2498	3761	2770	4132
Manufacture of radio, television and communication equipment and apparatus.....	197	762	829	1348	886	1055	1160	430
Manufacture of medical, precision and optical instruments, watches and clocks	574	486	688	1288	2049	3586	2998	1788
Manufacture of motor vehicles, trailers and semi-trailers	2727	4557	4463	3091	1968	3195	4145	4647
Manufacture of other transport equipment.....	2445	1804	1164	1151	666	689	1147	1136
Manufacture of furniture; manufacturing n.e.c.....	412	1300	1076	1037	1991	1503	1468	1427
Recycling	129	336	1072	1317	1774	702	902	877
Production of energy	×	×	×	64	23	31	0	0
Supporting and auxiliary transport activities; travel agency activities.....	×	×	×	766	803	222	570	306
Computer and related activities.....	×	×	2	9	12	0	0	0
Other activities of engineering services	×	×	×	1928	1669	1711	1766	2028
Sewage and refuse disposal, sanitation and similar activities	×	×	×	×	×	33	37	10
Water collection, treatment and supply.....	×	×	×	×	×	×	×	86

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

Source: Ministry of Industry, Mine and Trade.

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

(billion rials)

Activity	1380	1385	1390	1393	1394	1395	1396	1397
Total	13023	77172	155962	155552	180544	294816	293396	595863
Manufacture of food products and beverages	2070	11180	25780	25097	15806	37324	28928	35055
Manufacture of tobacco products and products of tobacco substitutes: cigarettes	2	0	135	170	1554	327	8090	1353
Manufacture of textiles	931	3548	7504	10012	7257	10727	17437	17525
Manufacture of wearing apparel; dressing and dyeing of fur.....	40	122	68	461	266	787	746	1159
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	84	245	177	203	509	403	803	872
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	69	1038	1690	1781	4410	11211	5047	8261
Manufacture of paper and paper products.....	89	970	1895	9810	4861	11521	5314	10650
Publishing, printing and reproduction of recorded media	54	200	166	644	779	796	452	822
Manufacture of coke, refined petroleum products and nuclear fuels	160	657	18366	3272	10004	26310	6619	208808
Manufacture of chemicals and chemical products	2729	19781	19530	24255	44206	50181	34142	121915
Manufacture of rubber and plastic products.....	1498	7158	8670	12097	9718	15168	20151	31752
Manufacture of other non-metallic mineral products.....	1492	11219	23778	17933	19141	28874	29524	30590
Manufacture of basic metals	1006	9713	27037	15956	19881	59033	89423	73341
Manufacture of fabricated metal products, except machinery and equipment	539	4528	6646	6462	11229	8602	10550	13208
Manufacture of machinery and equipment n.e.c.	514	1660	4801	5791	6065	7519	9188	12613
Manufacture of office, accounting and computing machinery.....	34	253	221	262	149	198	67	290
Manufacture of electric generators, transformers and electric apparatus n.e.c	377	1921	1851	4811	6709	8787	3145	6624
Manufacture of radio, television and communication equipment and apparatus.....	8	158	184	431	835	897	1144	253
Manufacture of medical, precision and optical instruments, watches and clocks	45	189	451	2869	1515	2978	3028	1801
Manufacture of motor vehicles, trailers and semi-trailers	1167	1966	2873	3841	4696	4444	5114	10562
Manufacture of other transport equipment.....	82	342	388	2347	722	1722	8839	804
Manufacture of furniture; manufacturing n.e.c	25	223	421	787	1200	2308	1255	1456
Recycling	9	101	3330	2424	3160	1169	1298	2105
Production of energy	×	×	×	295	294	333	0	0
Supporting and auxiliary transport activities; travel agency activities.....	×	×	×	1563	3741	1776	1365	1029
Computer and related activities.....	×	×	//	//	13	0	0	0
Other activities of engineering services	×	×	×	1978	1826	1389	1687	2534
Sewage and refuse disposal, sanitation and similar activities	×	×	×	×	×	31	39	49
Water collection, treatment and supply.....	×	×	×	×	×	×	×	432

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

Source: Ministry of Industry, Mine and Trade.

**8.7. TRADE LICENCES ISSUED BY THE MINISTRY OF INDUSTRY, MINE AND TRADE
FOR TRADE UNITS BY OSTAN, THE YEAR 1397**
(number)

Ostan	Total	Service	Manufacturing	Distributive	Technical service
Total country	418280	60053	82490	204141	71596
East Azarbayejan	19245	2816	4842	8824	2763
West Azarbayejan.....	16636	2063	3511	7806	3256
Ardebil.....	6053	909	1116	3058	970
Esfahan	35526	4680	7855	16451	6540
Alborz.....	12781	2474	1897	6282	2128
Ilam.....	4805	533	1156	2325	791
Bushehr.....	7845	1095	1129	4355	1266
Tehran	56186	9558	12271	26786	7571
Chaharmahal&Bakhtiari.....	6288	638	1411	3239	1000
South Khorasan.....	5054	702	1023	2247	1082
Khorasan-e-Razavi	34364	5248	6905	16847	5364
North Khorasan.....	4835	557	966	2371	941
Khuzestan	18742	2398	3729	9412	3203
Zanjan	5074	615	1128	2373	958
Semnan	5200	755	960	2505	980
Sistan &Baluchestan.....	6868	735	1063	3665	1405
Fars	21606	2974	3112	11485	4035
Qazvin	6776	944	1084	3384	1364
Qom	6224	652	1473	3045	1054
Kordestan.....	9084	1117	1755	4464	1748
Kerman	14499	1618	2396	7472	3013
South of Kerman.....	000	000	000	000	000
Kermanshah	9151	1171	2004	4491	1485
Kohgiluyeh&Boyerahmad.....	4551	587	744	2468	752
Golestan.....	10384	1165	1820	5389	2010
Gilan	17630	3608	2938	8244	2840
Lorestan	8205	1002	1621	4160	1422
Mazandaran	30643	5226	5983	13924	5510
Markazi.....	8724	1090	1855	4182	1597
Hormozgan	7112	890	908	4151	1163
Hamedan.....	9709	1212	2099	4713	1685
Yazd	7219	848	1710	3248	1413
Nationwide syndicates.....	1261	173	26	775	287

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⁾	24428	19651	2399	2378
1390 ⁽¹⁾	28189	22181	3168	2840
1392 ⁽¹⁾	30701	24813	3028	2860
1393 ⁽¹⁾	31167	25307	2967	2893
1394.....	33462	27106	3371	2985
1395.....	31309	24981	3332	2995
1396.....	30332	24161	3154	3017
Manufacture of food products	4873	3851	528	494
Manufacture of beverages	201	141	26	34
Manufacture of tobacco products.....	17	7	1	9
Manufacture of textiles	2001	1503	259	238
Manufacture of wearing apparel	457	390	35	33
Manufacture of leather and related products.....	433	381	28	24
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	570	492	44	34
Manufacture of paper and paper products.....	705	551	92	62
Printing and reproduction of recorded media.....	671	615	30	26
Manufacture of coke, refined petroleum products	350	267	40	42
Manufacture of chemicals and chemical products	1622	1247	190	185
Manufacture of pharmaceuticals, medicinal chemical and botanical products	277	129	51	98
Manufacture of rubber and plastic products.....	2625	2189	252	185
Manufacture of other non-metallic mineral products...	5315	4663	302	351
Manufacture of basic metals	1496	1064	197	236
Manufacture of fabricated metal products, except machinery and equipment	2521	2029	305	187
Manufacture of computer, electronic and optical products.....	442	319	60	63
Manufacture of electrical equipment	1290	954	166	170
Manufacture of machinery and equipment n.e.c.	1975	1581	231	163
Manufacture of motor vehicles, trailers and semi-trailers	1052	614	169	269
Manufacture of other transport equipment.....	152	85	31	36
Manufacture of furniture	761	682	46	33
Manufacture of other manufacturing n.e.c.	439	342	61	36
Repair and installation of machinery and equipment...	85	64	11	10

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⁾	-	-	-	-
1390 ⁽¹⁾	-	-	-	-
1392 ⁽¹⁾	-	-	-	-
1393 ⁽¹⁾	-	-	-	-
1394.....	33072	26926	3324	2822
1395.....	30941	24813	3282	2847
1396.....	30153	24070	3123	2960
Manufacture of food products	4844	3836	521	487
Manufacture of beverages.....	198	140	25	33
Manufacture of tobacco products.....	12	7	1	4
Manufacture of textiles	1996	1503	258	234
Manufacture of wearing apparel	455	389	35	32
Manufacture of leather and related products.....	433	381	28	24
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	568	492	44	32
Manufacture of paper and paper products.....	704	551	91	62
Printing and reproduction of recorded media.....	651	601	29	21
Manufacture of coke, refined petroleum products	348	267	39	41
Manufacture of chemicals and chemical products	1612	1244	187	181
Manufacture of pharmaceuticals, medicinal chemical and botanical products	274	129	51	95
Manufacture of rubber and plastic products.....	2625	2189	252	185
Manufacture of other non-metallic mineral products.....	5254	4616	290	348
Manufacture of basic metals	1496	1064	197	236
Manufacture of fabricated metal products, except machinery and equipment	2519	2029	304	186
Manufacture of computer, electronic and optical products.....	439	317	60	62
Manufacture of electrical equipment	1288	953	166	169
Manufacture of machinery and equipment n.e.c.	1972	1581	231	160
Manufacture of motor vehicles, trailers and semi-trailers.....	1048	614	169	265
Manufacture of other transport equipment.....	147	85	31	31
Manufacture of furniture	757	680	46	31
Manufacture of other manufacturing n.e.c.	434	340	61	34
Repair and installation of machinery and equipment.....	77	61	8	8

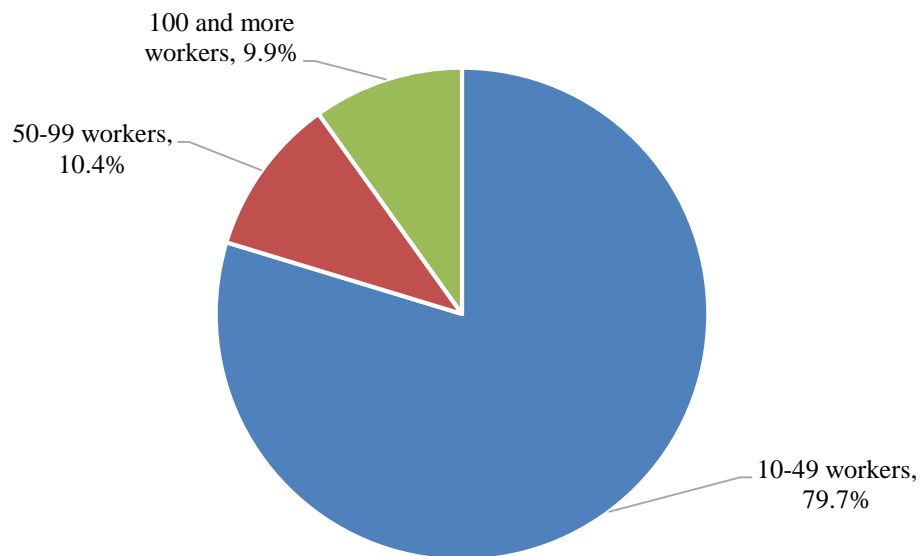
8.8. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY, OWNERSHIP AND SIZE (continued)

Year and activity	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
1385 ⁽¹⁾	-	-	-	-
1390 ⁽¹⁾	-	-	-	-
1392 ⁽¹⁾	-	-	-	-
1393 ⁽¹⁾	-	-	-	-
1394.....	390	180	48	163
1395.....	367	169	51	148
1396.....	179	91	31	57
Manufacture of food products	29	15	8	7
Manufacture of beverages.....	3	1	1	1
Manufacture of tobacco products.....	5	0	0	5
Manufacture of textiles	5	0	1	4
Manufacture of wearing apparel	2	1	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	2	0	0	2
Manufacture of paper and paper products.....	1	0	1	0
Printing and reproduction of recorded media.....	20	14	1	5
Manufacture of coke, refined petroleum products	2	0	1	1
Manufacture of chemicals and chemical products	11	4	3	4
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.....	61	46	12	3
Manufacture of basic metals	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	2	0	1	1
Manufacture of computer, electronic and optical products.....	3	2	0	1
Manufacture of electrical equipment	2	1	0	1
Manufacture of machinery and equipment n.e.c.	3	0	0	3
Manufacture of motor vehicles, trailers and semi-trailers.....	4	0	0	4
Manufacture of other transport equipment.....	5	0	0	5
Manufacture of furniture	4	2	0	2
Manufacture of other manufacturing n.e.c.	5	3	0	2
Repair and installation of machinery and equipment.....	8	3	3	2

1. Revised figures.

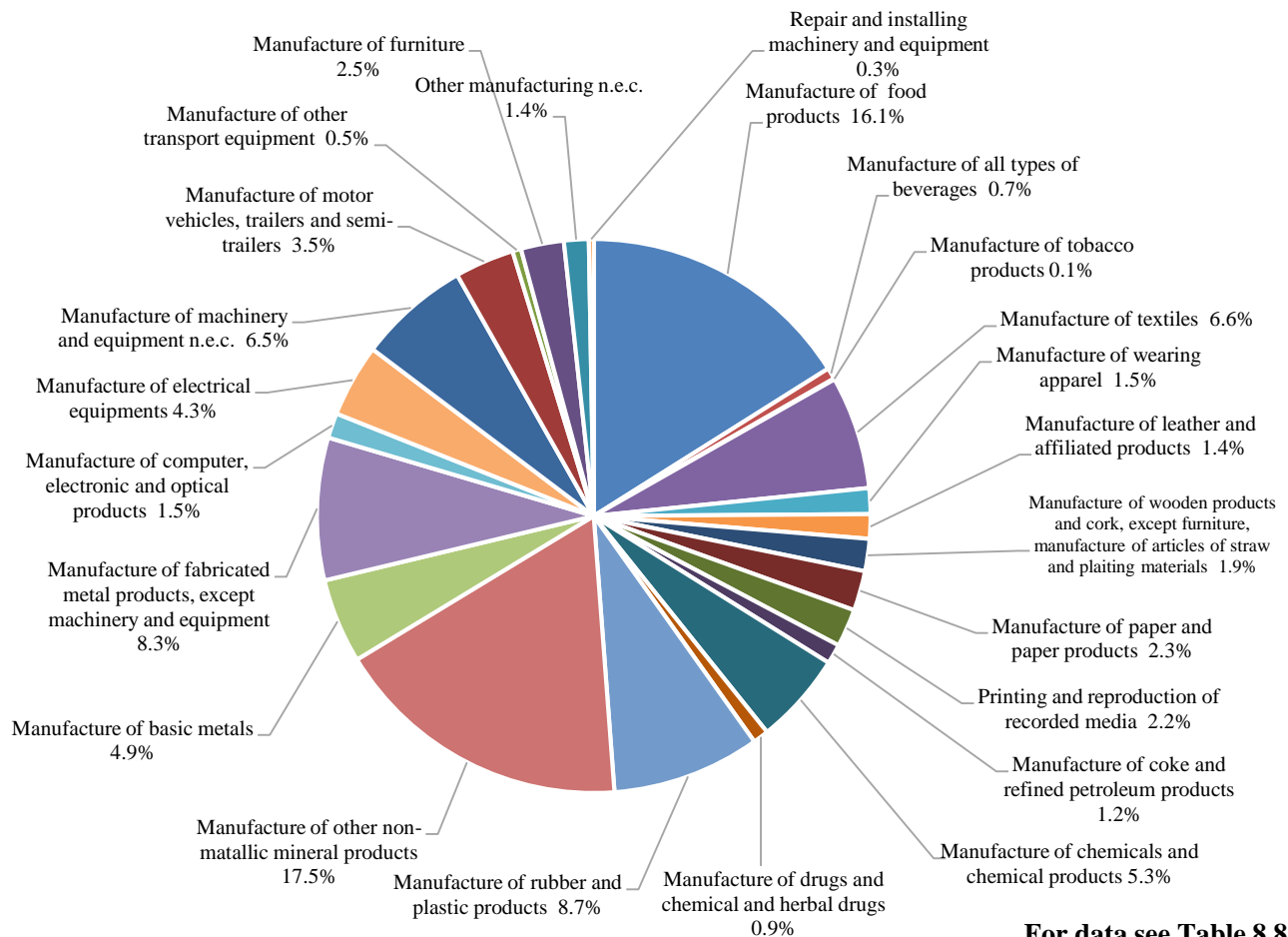
Source: Statistical Centre of Iran.

8.2.DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1396



For Data See Table 8.8.

8.3. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY TYPE OF ACTIVITY, THE YEAR 1396



For data see Table 8.8.

8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSPAN, THE YEAR 1396

Ostan	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	30332	24161	3154	3017
East Azarbayejan.....	1756	1414	181	161
West Azarbayejan	694	582	64	48
Ardebil	225	189	24	12
Esfahan	3894	3160	399	334
Alborz	1801	1244	313	244
Ilam	52	44	3	5
Bushehr	183	135	20	29
Tehran	6806	5569	640	597
Chaharmahal&Bakhtiari	223	183	18	23
South Khorasan	138	104	21	13
Khorasan-e-Razavi.....	2164	1750	192	222
North Khorasan	135	120	7	8
Khuzestan	663	494	67	102
Zanjan	416	270	66	81
Semnan.....	1072	929	87	56
Sistan&Baluchestan	367	334	19	14
Fars	1253	1043	107	103
Qazvin	1174	848	155	170
Qom	744	598	79	68
Kordestan	224	195	16	13
Kerman	631	499	68	64
Kermanshah	291	233	27	32
Kohgiluyeh&Boyerahmad	63	52	8	4
Golestan	406	337	40	29
Gilan.....	808	633	82	93
Lorestan.....	296	266	17	13
Mazandaran.....	1087	842	140	105
Markazi	1143	835	137	171
Hormozgan.....	246	200	16	31
Hamedan	434	364	37	33
Yazd	943	698	105	140

8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN, THE YEAR 1396 (continued)

Ostan	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	30153	24070	3123	2960
East Azarbayejan.....	1745	1408	179	158
West Azarbayejan	679	570	63	46
Ardebil	221	186	23	12
Esfahan	3888	3158	399	330
Alborz	1792	1242	312	238
Ilam	51	43	3	5
Bushehr	183	135	20	29
Tehran	6767	5556	637	574
Chaharmahal&Bakhtiari	221	182	17	23
South Khorasan	136	104	20	12
Khorasan-e-Razavi.....	2160	1750	190	220
North Khorasan	134	120	6	8
Khuzestan	658	490	67	102
Zanjan	412	266	65	81
Semnan.....	1072	929	87	56
Sistan&Baluchestan	364	333	18	13
Fars	1251	1043	105	103
Qazvin	1169	846	154	169
Qom	739	595	78	66
Kordestan	217	188	16	13
Kerman	626	499	64	63
Kermanshah	287	231	25	31
Kohgiluyeh&Boyerahmad	63	52	8	4
Golestan	401	335	39	27
Gilan.....	805	632	82	91
Lorestan.....	285	255	17	13
Mazandaran.....	1079	837	139	103
Markazi	1139	834	135	170
Hormozgan.....	244	200	15	30
Hamedan	427	358	37	32
Yazd	940	697	104	139

8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN, THE YEAR 1396 (continued)

Ostan	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	179	91	31	57
East Azarbayejan.....	11	6	2	3
West Azarbayejan	16	13	1	2
Ardebil	4	3	1	0
Esfahan	6	2	0	4
Alborz	10	3	1	6
Ilam	1	1	0	0
Bushehr	0	0	0	0
Tehran	40	14	3	23
Chaharmahal&Bakhtiari	2	1	1	0
South Khorasan	2	0	1	1
Khorasan-e-Razavi.....	4	0	2	2
North Khorasan	1	0	1	0
Khuzestan	4	4	0	0
Zanjan	5	4	1	0
Semnan.....	0	0	0	0
Sistan&Baluchestan	3	1	1	1
Fars	2	0	2	0
Qazvin	5	3	1	1
Qom	6	3	1	2
Kordestan	7	7	0	0
Kerman	6	0	5	1
Kermanshah	5	2	2	1
Kohgiluyeh&Boyerahmad	0	0	0	0
Golestan	6	3	1	2
Gilan.....	3	1	0	2
Lorestan.....	11	11	0	0
Mazandaran.....	8	5	1	2
Markazi	4	1	2	1
Hormozgan.....	2	0	1	1
Hamedan	7	6	0	1
Yazd	3	1	1	1

Source: Statistical Centre of Iran.

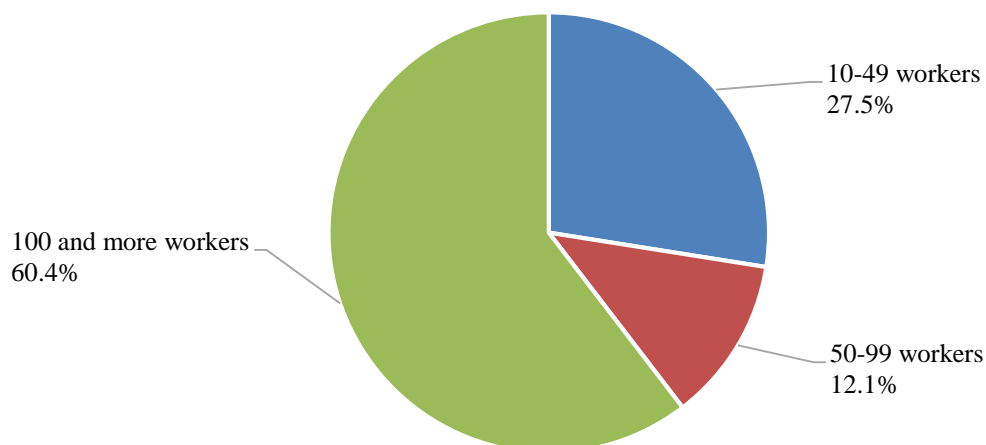
8.10. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY PAID AND UNPAID WORKERS

Year and size of establishments	Total workers	Paid workers			Unpaid workers		
		Both sexes	Male	Female	Both sexes	Male	Female
1385 ⁽¹⁾	1341705	-	-	-	-	-	-
1390 ⁽¹⁾	1659190	-	-	-	-	-	-
1392 ⁽¹⁾	1699111	-	-	-	-	-	-
1393 ⁽¹⁾	1732696	-	-	-	-	-	-
1394.....	1793358	1775090	1573678	201412	18268	17619	650
1395.....	1788651	1770864	1565099	205764	17788	17160	628
1396.....	1778013	1760506	1556461	204045	17507	16878	629
10-49 workers	488570	472239	411368	60871	16331	15770	561
50-99 workers	215889	214998	184426	30571	892	833	58
100 and more workers.....	1073554	1073269	960667	112602	285	275	10

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 1396



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 ⁽¹⁾, THE YEAR 1396

Activity	Total	10-49 workers	50-99 workers	100 and more workers
Total	1778013	488570	215889	1073554
Manufacture of food products	286782	79935	36493	170354
Manufacture of beverages	15418	2990	1753	10675
Manufacture of tobacco products.....	5947	131	73	5743
Manufacture of textiles	109699	32487	17698	59514
Manufacture of wearing apparel	17086	7488	2273	7326
Manufacture of leather and related products.....	12682	6170	1826	4687
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	18505	8269	2970	7266
Manufacture of paper and paper products.....	33442	11906	6260	15276
Printing and reproduction of recorded media.....	18802	10016	2065	6721
Manufacture of coke, refined petroleum products	39149	5621	2745	30783
Manufacture of chemicals and chemical products	127495	25679	13201	88615
Manufacture of pharmaceuticals, medicinal chemical and botanical products.....	36615	3173	3525	29918
Manufacture of rubber and plastic products.....	108395	45234	17123	46038
Manufacture of other non-metallic mineral products	210012	87719	19982	102312
Manufacture of basic metals.....	164963	22844	13396	128723
Manufacture of fabricated metal products, except machinery and equipment.....	113058	42665	20666	49728
Manufacture of computer, electronic and optical products.....	31887	6686	4140	21061
Manufacture of electrical equipment.....	85252	20999	11519	52734
Manufacture of machinery and equipment n.e.c.....	91695	32148	16421	43126
Manufacture of motor vehicles, trailers and semi-trailers.....	182092	14277	12189	155626
Manufacture of other transport equipment.....	21232	1776	2077	17379
Manufacture of furniture	22993	11889	3034	8070
Manufacture of other manufacturing n.e.c.	18626	7348	3819	7459
Repair and installation of machinery and equipment....	6186	1122	643	4421

Source: Statistical Centre of Iran.

8.12. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1396

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	1778013	488570	215889	1073554
East Azarbayejan.....	100756	28092	12197	60467
West Azarbayejan	28452	11643	4314	12495
Ardebil	8747	3588	1639	3520
Esfahan	214973	66158	26762	122053
Alborz	113127	27448	21678	64001
Ilam	3350	816	220	2314
Bushehr	24262	2807	1282	20174
Tehran	419779	109834	44345	265599
Chaharmahal&Bakhtiari	9807	3186	1256	5366
South Khorasan	7124	1858	1351	3915
Khorasan-e-Razavi.....	113653	35966	13090	64596
North Khorasan	7966	2162	516	5288
Khuzestan	84556	9789	4623	70144
Zanjan	34986	5829	4705	24452
Semnan.....	41798	21179	5724	14896
Sistan&Baluchestan	12944	6726	1200	5018
Fars	59282	18934	7405	32943
Qazvin	75905	17109	10674	48123
Qom	32009	12433	5218	14358
Kordestan	7429	3710	1028	2691
Kerman	42861	9014	4704	29144
Kermanshah	17010	4117	1884	11009
Kohgiluyeh&Boyerahmad	3351	1124	488	1739
Golestan	14900	6856	2801	5243
Gilan.....	42605	12031	5600	24975
Lorestan.....	11272	4841	1214	5217
Mazandaran	59557	18274	9672	31611
Markazi	85039	17654	9651	57735
Hormozgan.....	20177	3885	1022	15270
Hamedan	16633	6943	2520	7170
Yazd	63703	14567	7108	42028

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⁾	73450000	-	-
1390 ⁽¹⁾	185416749	-	-
1392 ⁽¹⁾	265429195	-	-
1393 ⁽¹⁾	348448456	-	-
1394.....	419885887	274535801	145350086
1395.....	500438932	333639093	166799839
1396.....	586110423	394782903	191327521
10-49 workers	90175945	68050327	22125618
50-99	47675900	34271590	13404310
100 and more workers	448258579	292460986	155797593

Year and size of establishments	Male			Female		
	Total	Wages and salaries	Other payments	Total	Wages and salaries	Other payments
1385 ⁽¹⁾	-	-	-	-	-	-
1390 ⁽¹⁾	-	-	-	-	-	-
1392 ⁽¹⁾	-	-	-	-	-	-
1393 ⁽¹⁾	-	-	-	-	-	-
1394.....	383813577	250132926	133680651	36072310	24402875	11669435
1395.....	455032328	303159798	151872531	45406604	30479295	14927309
1396.....	533291258	358321217	174970042	52819165	36461686	16357479
10-49 workers	79525735	59929628	19596108	10650210	8120699	2529511
50-99	41446089	29726492	11719598	6229810	4545098	1684712
100 and more workers	412319434	268665097	143654337	35939145	23795889	12143256

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 1396 (mln rials)

Activity	Total	10-49 workers	50-99 workers	100 and more workers
Total	586110423	90175945	47675900	448258579
Manufacture of food products	69733026	13943826	7522800	48266400
Manufacture of beverages	4641042	534491	383934	3722617
Manufacture of tobacco products.....	4037672	20507	24986	3992179
Manufacture of textiles	21489891	5450716	3528315	12510860
Manufacture of wearing apparel	3032296	1152515	424142	1455639
Manufacture of leather and related products.....	2490134	1078159	346725	1065249
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	4224775	1557419	596779	2070576
Manufacture of paper and paper products.....	7723073	2081284	1319083	4322707
Printing and reproduction of recorded media.....	4978952	1815626	447795	2715530
Manufacture of coke, refined petroleum products	31483150	1200039	760363	29522749
Manufacture of chemicals and chemical products	68672569	5235683	3188101	60248785
Manufacture of pharmaceuticals, medicinal chemical and botanical products	16387789	640598	1105703	14641487
Manufacture of rubber and plastic products.....	26372618	8450653	3817495	14104470
Manufacture of other non-metallic mineral products.....	52913804	15497475	4262141	33154189
Manufacture of basic metals	73595346	4529144	3067820	65998382
Manufacture of fabricated metal products, except machinery and equipment	28997999	8119825	4340865	16537309
Manufacture of computer, electronic and optical products	9468808	1476656	991477	7000675
Manufacture of electrical equipment	23661740	4094733	2619076	16947932
Manufacture of machinery and equipment n.e.c.	26682007	6270137	4042129	16369742
Manufacture of motor vehicles, trailers and semi-trailers..	84447895	2852759	2762002	78833134
Manufacture of other transport equipment.....	8876103	325128	433905	8117070
Manufacture of furniture	5413575	2132800	664789	2615986
Manufacture of other manufacturing n.e.c.	4289271	1489233	860192	1939847
Repair and installation of machinery and equipment.....	2496889	226542	165282	2105065

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⁾	59393480	31197291	3883289	1411929
1390 ⁽¹⁾	98092880	42748161	7139801	2584328
1392 ⁽¹⁾	159044245	94800337	10144550	4316733
1393 ⁽¹⁾	181885912	95954397	13882574	5618453
1394.....	184894534	76471719	4574306	5301064
1395.....	234890837	128638671	5984487	734440
1396.....	257336118	155336725	7035821	8335423
10-49 workers	40620841	28565178	904788	1045499
50-99	20873723	13637822	490758	1299529
100 and more workers	195841554	113133725	5640275	5990394

Year and size of establishments	Building (without land)	Land	Computer software
1385 ⁽¹⁾	20853149	1871589	176234
1390 ⁽¹⁾	30546433	14433729	640427
1392 ⁽¹⁾	36982537	11681025	1119063
1393 ⁽¹⁾	55605782	8928876	1895830
1394.....	54352756	41854088	2340601
1395.....	85247052	13499873	786314
1396.....	73104624	11780617	1742908
10-49 workers	7730902	2061808	312666
50-99	4139596	1170057	135960
100 and more workers	61234126	8548752	1294281

1. Revised figures.

Source: Statistical Centre of Iran.

8.5. WORKERS OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SEX, THE YEAR 1396



For data see Table 8.10.

8.16. INVESTMENT (CHANGES IN NON-FINANCIAL ASSETS) IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY AND SIZE, THE YEAR 1396 (mln rials)

Activity	Total	10-49 workers	50-99 workers	100 and more workers
Total	257336118	40620841	20873723	195841554
Manufacture of food products	33231324	6720170	3636632	22874522
Manufacture of beverages	2688442	1085039	336457	1266945
Manufacture of tobacco products.....	1341335	8770	4950	1327616
Manufacture of textiles	12777026	4527360	980455	7269212
Manufacture of wearing apparel	579638	185430	218224	175985
Manufacture of leather and related products.....	502890	215574	161260	126056
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2459602	512203	185615	1761784
Manufacture of paper and paper products.....	4120986	847733	992254	2280999
Printing and reproduction of recorded media.....	1939846	599398	218075	1122372
Manufacture of coke, refined petroleum products	25758715	518169	139743	25100803
Manufacture of chemicals and chemical products	36963834	2881206	1522675	32559953
Manufacture of pharmaceuticals, medicinal chemical and botanical products	6025318	341328	677977	5006013
Manufacture of rubber and plastic products.....	11128092	4234717	2349478	4543898
Manufacture of other non-metallic mineral products...	27155122	6808934	1585835	18760353
Manufacture of basic metals	48467691	2629794	2880345	42957553
Manufacture of fabricated metal products, except machinery and equipment	7421571	2127672	1333438	3960462
Manufacture of computer, electronic and optical products.....	3515556	305478	523073	2687005
Manufacture of electrical equipment	7631437	2325217	928704	4377517
Manufacture of machinery and equipment n.e.c.	4199284	1301861	800507	2096917
Manufacture of motor vehicles, trailers and semi-trailers	15332144	1002453	591129	13738563
Manufacture of other transport equipment.....	1136808	203035	155005	778769
Manufacture of furniture	1154942	552599	147073	455270
Manufacture of other manufacturing n.e.c.	1397348	652175	228872	516301
Repair and installation of machinery and equipment...	407164	34527	275949	96688

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⁾	357241711	54755614	24307634	278178463
1390 ⁽¹⁾	837590674	121255116	64411748	651923810
1392 ⁽¹⁾	1475784971	180952597	92972510	1201859864
1393 ⁽¹⁾	1669550562	202977304	108130523	1358442734
1394.....	1414910422	196845059	110518779	1107546583
1395.....	1754395310	238250831	124219393	1391925086
1396.....	2164315649	289190232	147117807	1728007610
Manufacture of food products	228377003	61467382	29974453	136935167
Manufacture of beverages.....	13766084	1332090	987895	11446098
Manufacture of tobacco products.....	12035233	288844	95691	11650699
Manufacture of textiles	56776171	16831891	8881909	31062371
Manufacture of wearing apparel	5672155	2176775	874084	2621297
Manufacture of leather and related products.....	5278929	2468267	800119	2010543
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	12301086	3318328	1223694	7759064
Manufacture of paper and paper products.....	25841333	6331407	2972923	16537003
Printing and reproduction of recorded media.....	10360950	3720236	1413429	5227285
Manufacture of coke, refined petroleum products	198692605	7642129	3932913	187117563
Manufacture of chemicals and chemical products	452539963	22202702	10992533	419344728
Manufacture of pharmaceuticals, medicinal chemical and botanical products	65174828	1930456	4445443	58798929
Manufacture of rubber and plastic products.....	69628095	23065209	9851355	36711531
Manufacture of other non-metallic mineral products.....	162195735	47214132	12476313	102505291
Manufacture of basic metals	358744454	18210897	16143796	324389762
Manufacture of fabricated metal products, except machinery and equipment	72547715	24358747	11182500	37006468
Manufacture of computer, electronic and optical products.....	35389081	3894731	2745673	28748678
Manufacture of electrical equipment	63186537	10811562	6755028	45619947
Manufacture of machinery and equipment n.e.c.	65312444	14812922	9753760	40745762
Manufacture of motor vehicles, trailers and semi-trailers	201552519	6636970	5704287	189211263
Manufacture of other transport equipment.....	18673352	1460867	1621390	15591095
Manufacture of furniture	14531575	4850884	2103445	7577246
Manufacture of other manufacturing n.e.c.	10912786	3509839	1858545	5544401
Repair and installation of machinery and equipment.....	4825015	652968	326628	3845419

1. Revised figures

Source: Statistical Centre of Iran.

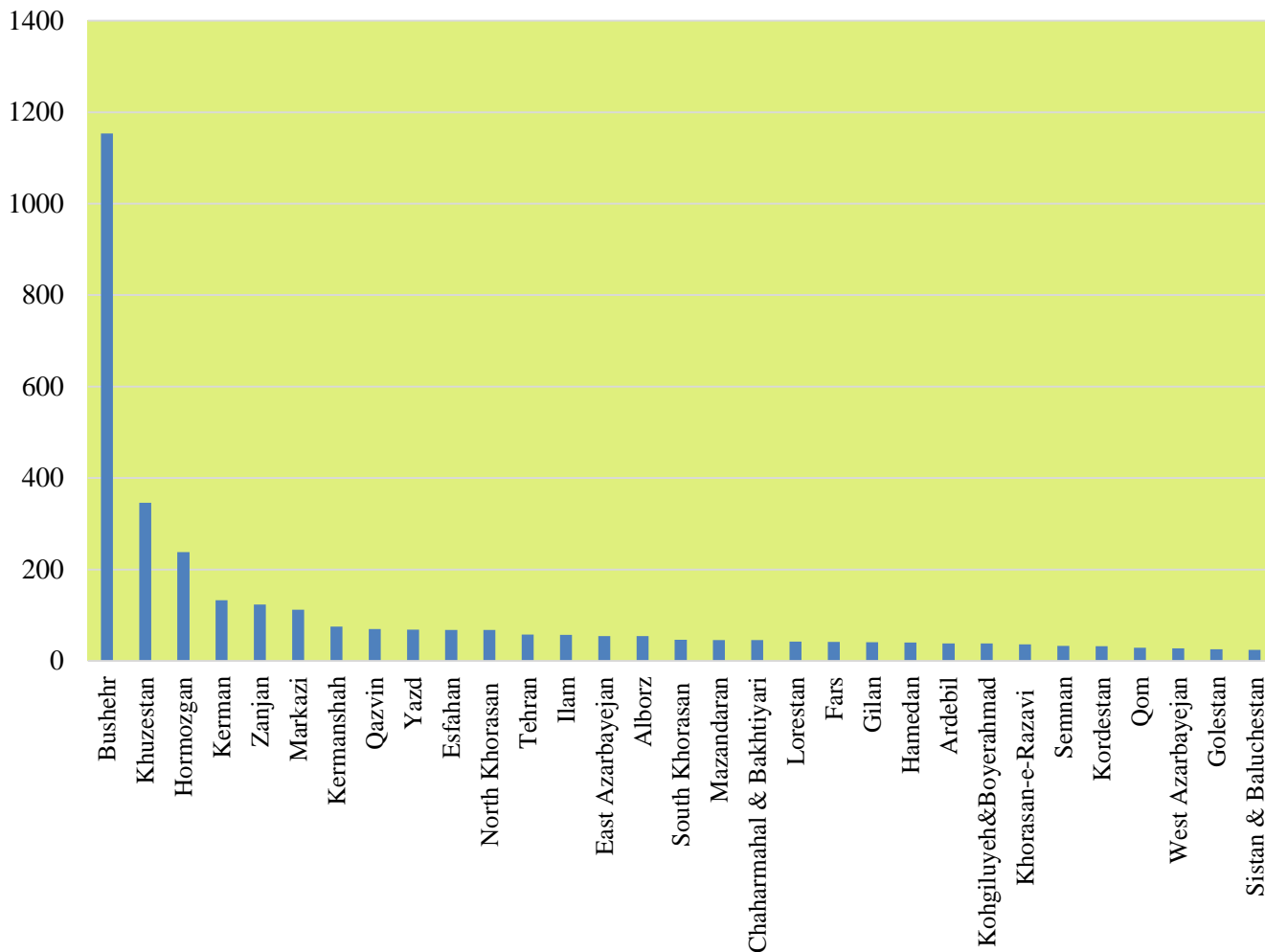
8.18. VALUE-ADDED RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1396 (mln rials)

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	2164315649	289190232	147117807	1728007610
East Azarbayejan.....	95780595	15489583	8381188	71909825
West Azarbayejan	19318076	6730246	2057221	10530609
Ardebil	8639937	3776382	1243984	3619571
Esfahan	264010678	35423431	16100670	212486576
Alborz	98007147	16926015	13701081	67380051
Ilam	2952826	501021	76210	2375595
Bushehr	211070680	1554334	960287	208556059
Tehran	391171181	55737053	25653217	309780911
Chaharmahal & Bakhtiari	10154362	1897269	661704	7595389
South Khorasan	6377509	1354701	797267	4225541
Khorasan-e-Razavi.....	77826422	19274733	8846069	49705619
North Khorasan	9131584	1057540	218990	7855055
Khuzestan	229535643	7544515	5743304	216247824
Zanjan	51289826	4867542	6504112	39918171
Semnan.....	35274062	17281003	3693782	14299277
Sistan & Baluchestan	8934289	2780139	1228112	4926038
Fars	52360943	7850985	4834880	39675078
Qazvin	82116828	12079140	7803976	62233713
Qom	21530253	6773159	2972446	11784648
Kordestan	7162998	1812552	366869	4983576
Kerman	83645644	4829619	3581626	75234399
Kermanshah	21787716	2411799	1225618	18150299
Kohgiluyeh&Boyerahmad	2392934	610549	275865	1506519
Golestan	10453316	4428373	2120838	3904106
Gilan.....	32938857	6575369	4115225	22248263
Lorestan.....	12440608	5502881	568392	6369335
Mazandaran.....	49868295	13444028	5454332	30969934
Markazi	127916343	9511050	9124051	109281242
Hormozgan.....	58525427	3744784	1445209	53335434
Hamedan	17384688	6637510	1740139	9007039
Yazd	64315983	10782928	5621144	47911911

Source: Statistical Centre of Iran.

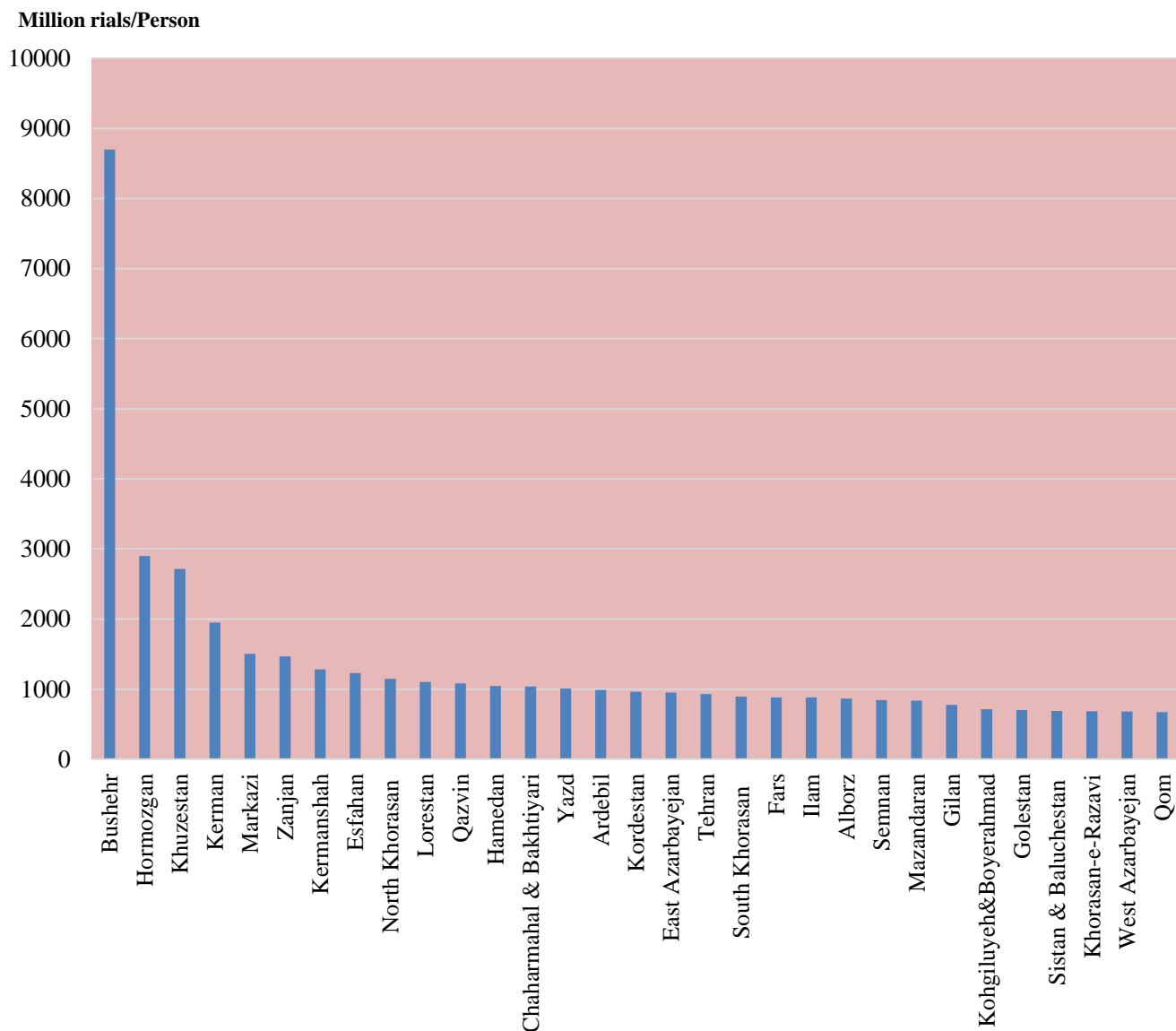
8.6. PRODUCTIVITY OF MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY OSTAN, THE YEAR 1396

Million rials/Establishment



For data see Tables 8.9. and 8.18.

8.7. PRODUCTIVITY OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY OSTAN, THE YEAR 1396



For data see Tables 8.12. and 8.18.

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

(mln rials)

Year and activity	Payments			
	Total	10-49 workers	50-99 workers	100 and more workers
1385 ⁽¹⁾	30637397	3730643	1768314	25138440
1390 ⁽¹⁾	74365911	7183548	4344957	62837406
1392 ⁽¹⁾	132991378	10087838	5987905	116915635
1393 ⁽¹⁾	168620706	11310275	6867578	150442853
1394.....	235426301	11634466	7558946	216232889
1395.....	248878678	13796490	8677389	226404799
1396.....	277197208	15686852	11624014	249886342
Manufacture of food products	20763169	2718656	1719564	16324949
Manufacture of beverages	2514978	109029	71723	2334226
Manufacture of tobacco products.....	1327290	14346	17026	1295919
Manufacture of textiles	2183011	636296	342480	1204235
Manufacture of wearing apparel	565692	110980	45394	409318
Manufacture of leather and related products.....	328306	91088	65809	171409
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1084183	183734	83001	817448
Manufacture of paper and paper products.....	3441209	278820	1024273	2138116
Printing and reproduction of recorded media.....	915383	227040	72898	615444
Manufacture of coke, refined petroleum products	73204201	438679	307719	72457803
Manufacture of chemicals and chemical products	49069534	1528204	1607211	45934118
Manufacture of pharmaceuticals, medicinal chemical and botanical products	6006524	161657	355895	5488971
Manufacture of rubber and plastic products.....	5758292	1529002	868446	3360844
Manufacture of other non-metallic mineral products.....	11954291	2522706	859417	8572169
Manufacture of basic metals	25869615	612937	849444	24407234
Manufacture of fabricated metal products, except machinery and equipment	5813461	1272782	727833	3812847
Manufacture of computer, electronic and optical products	5245265	289100	261550	4694615
Manufacture of electrical equipment	6890618	873557	406757	5610304
Manufacture of machinery and equipment n.e.c.....	6287396	1021663	926205	4339527
Manufacture of motor vehicles, trailers and semi-trailers	44511707	463115	512138	43536455
Manufacture of other transport equipment.....	1159317	49737	89270	1020311
Manufacture of furniture	961448	301408	137073	522967
Manufacture of other manufacturing n.e.c.	958690	225770	186643	546278
Repair and installation of machinery and equipment.....	383627	26546	86245	270835

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⁾	1986603	344833	118507	1523263
1390 ⁽¹⁾	9229921	619687	450981	8159253
1392 ⁽¹⁾	21418612	542603	264787	20611223
1393 ⁽¹⁾	16614958	677378	972728	14964852
1394.....	61857125	1085658	695977	60075490
1395.....	68643462	612778	807213	67223471
1396.....	74616887	1092705	1799478	71724704
Manufacture of food products	2224263	354481	204435	1665346
Manufacture of beverages	53695	1440	345	51910
Manufacture of tobacco products.....	602351	0	0	602351
Manufacture of textiles	113105	14073	4298	94735
Manufacture of wearing apparel	11868	0	0	11868
Manufacture of leather and related products.....	19726	0	12	19714
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1195	1	1131	63
Manufacture of paper and paper products.....	232327	4148	5227	222952
Printing and reproduction of recorded media.....	64388	1687	568	62133
Manufacture of coke, refined petroleum products	35149580	2458	3000	35144122
Manufacture of chemicals and chemical products	6062253	49820	38053	5974380
Manufacture of pharmaceuticals, medicinal chemical and botanical products	331031	51119	166929	112983
Manufacture of rubber and plastic products.....	362526	6396	9531	346598
Manufacture of other non-metallic mineral products.....	1036053	245606	612150	178298
Manufacture of basic metals	6438633	3124	19680	6415829
Manufacture of fabricated metal products, except machinery and equipment	794009	256551	181567	355892
Manufacture of computer, electronic and optical products.....	2542130	12838	415747	2113545
Manufacture of electrical equipment	148005	2597	1071	144337
Manufacture of machinery and equipment n.e.c.	392166	72991	50589	268586
Manufacture of motor vehicles, trailers and semi-trailers	17639373	9452	7698	17622223
Manufacture of other transport equipment.....	261641	3922	755	256964
Manufacture of furniture	60494	0	12294	48200
Manufacture of other manufacturing n.e.c.	14964	0	3287	11677
Repair and installation of machinery and equipment.....	61111	0	61111	0

1. Revised figures.

Source: Statistical Centre of Iran.

8.20. PRODUCTION OF SELECTED MANUFACTURED GOODS

Commodity	Unit	1380	1385	1390	1391
Canned fish (tuna, sardines).....	Ton	000	000	000	000
Pasteurized milk	Ton	000	000	000	000
Vegetable oil	Ton	000	000	000	000
Sugar (lump, granulated).....	1000 tons	000	000	000	000
Non-alcoholic carbonated drinks (except diluted yogurt).....	Million bottles	000	000	000	000
Malt liquor	Million bottles	000	000	000	000
Cigarettes	Million	000	000	000	000
Threads.....	Ton	000	000	000	000
Finished fabrics	Million meters	000	000	000	000
Machine-made carpets	1000 sq	000	000	000	000
Moquette.....	1000 sq	000	000	000	000
Blankets	1000 pieces	000	000	000	000
Papers	Ton	000	000	000	000
Detergent powders	Ton	000	000	000	000
Soap	Ton	000	000	000	000
Matches.....	Million boxes	000	000	000	000
Cement	1000 tons	000	000	000	000
Tile and Ceramic	1000 sq	000	000	000	000
Combines	Number	000	000	000	000
Tractors	Number	000	000	000	000
Road construction machinery	Number	000	000	000	000
Washing machines	Number	000	000	000	000
Switch and socket	1000	000	000	000	000
Radio and radio cassette recorders	Number	000	000	000	000
Colour TV.....	Number	000	000	000	000
Water meters	Number	000	000	000	000
Electricity meters	Number	000	000	000	000
Passenger cars and jeeps	Number	000	000	000	000
Ambulances	Number	000	000	000	000
Trucks and light trucks	Number	000	000	000	000
Buses.....	Number	000	000	000	000
Minibuses.....	Number	000	000	000	000
Vans.....	Number	000	000	000	000
Raw steel.....	1000 tons	000	000	000	000

8.20. PRODUCTION OF SELECTED MANUFACTURED GOODS (continued)

Commodity	Unit	1393	1394	1395	1396
Canned fish (tuna, sardines).....	Ton	000	000	000	000
Pasteurized milk.....	Ton	000	000	000	000
Vegetable oil.....	Ton	000	000	000	000
Sugar (lump, granulated).....	1000 tons	000	000	000	000
Non-alcoholic carbonated drinks (except diluted yogurt) ⁽¹⁾	Million bottles	000	000	000	000
Malt liquor.....	Million bottles	000	000	000	000
Cigarettes.....	Million	000	000	000	000
Threads.....	Ton	000	000	000	000
Finished fabrics.....	Million meters	000	000	000	000
Machine-made carpets.....	1000 sq	000	000	000	000
Moquette.....	1000 sq	000	000	000	000
Blankets.....	1000 pieces	000	000	000	000
Papers.....	Ton	000	000	000	000
Detergent powders.....	Ton	000	000	000	000
Soap.....	Ton	000	000	000	000
Matches.....	Million boxes	000	000	000	000
Cement.....	1000 tons	000	000	000	000
Tile and Ceramic.....	1000 sq	000	000	000	000
Combines.....	Number	000	000	000	000
Tractors.....	Number	000	000	000	000
Road construction machinery.....	Number	000	000	000	000
Washing machines.....	Number	000	000	000	000
Switch and socket.....	1000	000	000	000	000
Radio and radio cassette recorders.....	Number	000	000	000	000
Colour TV.....	Number	000	000	000	000
Water meters.....	Number	000	000	000	000
Electricity meters.....	Number	000	000	000	000
Passenger cars and jeeps.....	Number	000	000	000	000
Ambulances.....	Number	000	000	000	000
Trucks and light trucks.....	Number	000	000	000	000
Buses.....	Number	000	000	000	000
Minibuses.....	Number	000	000	000	000
Vans.....	Number	000	000	000	000
Raw steel.....	1000 tons	000	000	000	000

Source: Statistical Centre of Iran.

8.21. 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
1393.....	36250	396100	368914	21879214
1394.....	37111	400138	378110	26612179
1395.....	38166	412376	391663	23759031
1396.....	38940	423745	402905	48179225
1397.....	39677	432296	412056	41136133
<i>Cooperatives under establishment</i>				
1380.....	475	5457	4911	75107
1385.....	3503	38966	36596	415501
1390.....	5824	48676	71936	411966
1393.....	5209	47799	60873	1133696
1394.....	5261	48868	58839	1159612
1395.....	5365	55358	63509	1827056
1396.....	5072	49530	58390	10214927
1397.....	5086	48974	57989	10580735
<i>Operating cooperatives</i>				
1380.....	3738	66788	46542	1550468
1385.....	8291	116028	88624	1935014
1390.....	12164	153375	120322	4731922
1393.....	12178	147811	124122	18539964
1394.....	12016	142354	123572	18670934
1395.....	11530	135624	117401	15018253
1396.....	11186	136928	115546	25719592
1397.....	11125	137366	119639	18112005

8.21. GENERAL CHARACTERISTICS OF MANUFACTURING COOPERATIVES BY YEAR AND OSPAN AT THE END OF THE YEAR (continued)

Description	Number	Member	Employed	Capital (mln rials)
East Azarbayejan.....	841	9250	9200	469285
West Azarbayejan	189	1570	2104	517699
Ardebil	157	1413	1231	2337424
Esfahan.....	427	8955	4242	687622
Alborz	69	789	1208	248230
Ilam	177	1430	1195	38927
Bushehr	390	3082	4785	699698
Tehran	542	14581	12723	513359
Chaharmahal&Bakhtiyari	367	2756	2794	139365
South Khorasan	152	2272	1353	52994
Khorasan-e-Razavi.....	751	10719	7176	623374
North Khorasan	221	1906	1842	102699
Khuzestan	640	5370	6442	136729
Zanjan	118	997	1180	364161
Semnan.....	175	1654	2089	341016
Sistan&Baluchestan	222	3475	4614	251489
Fars	850	9969	10941	5425306
Qazvin	90	754	1258	195556
Qom	168	1512	1717	378606
Kordestan	261	2140	2091	201899
Kerman	509	6059	4077	140835
Kermanshah	356	3464	4311	517222
Kohgiluyeh&Boyerahmad	275	2124	2842	520555
Golestan	430	3266	3123	296191
Gilan.....	352	3379	2683	513742
Lorestan.....	423	3335	3724	113518
Mazandaran.....	744	6354	6570	854847
Markazi	315	3716	2843	425207
Hormozgan.....	374	3316	3860	43127
Hamedan	195	2125	2033	104669
Yazd	345	15634	3388	856654

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

Source: Ministry of Cooperatives, Labor and Social Welfare.

8.22. GENERAL CHARACTERISTICS OF HAND-WOVEN CARPET COOPERATIVES BY YEAR AND OSPAN 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
1393.....	3488	151212	98941	154043
1394.....	3624	162354	101608	171834
1395.....	3778	165010	109292	187626
1396.....	3879	166449	113615	210406
1397.....	3999	168051	110481	240244
<i>Cooperatives under establishment</i>				
1380.....	14	185	349	166
1385.....	344	2827	5228	13990
1390.....	443	4115	7546	57590
1393.....	499	4682	10173	58353
1394.....	536	5052	12003	51428
1395.....	567	5591	16381	21319
1396.....	521	5211	16037	22856
1397.....	573	5618	15798	40594
<i>Operating cooperatives</i>				
1380.....	463	67906	31010	19454
1385.....	963	73234	36791	29045
1390.....	1343	67882	33792	41860
1393.....	1189	48916	28007	59335
1394.....	1203	58548	27656	69447
1395.....	1152	57792	28892	74966
1396.....	1164	56622	31072	92657
1397.....	1177	57841	27310	103134

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

Description	Number	Member	Employed	Capital (mln rials)
East Azarbayejan.....	116	2804	1374	19775
West Azarbayejan	36	2519	2899	17139
Ardebil	48	454	662	1346
Esfahan	39	34310	4252	11989
Alborz	3	126	2	89
Ilam	36	343	325	498
Bushehr	28	233	423	930
Tehran	55	949	2063	713
Chaharmahal&Bakhtiyari	32	2224	3776	2336
South Khorasan	17	292	270	1972
Khorasan-e-Razavi.....	84	1436	2214	12075
North Khorasan	21	163	122	476
Khuzestan	37	455	693	1389
Zanjan	10	79	155	295
Semnan.....	13	185	229	1237
Sistan&Baluchestan	12	206	404	419
Fars	110	4220	1709	6148
Qazvin	13	91	130	162
Qom	6	77	104	466
Kordestan	16	472	268	406
Kerman	65	1860	875	11732
Kermanshah	23	604	638	425
Kohgiluyeh&Boyerahmad	31	256	311	805
Golestan	45	569	394	502
Gilan.....	44	405	552	271
Lorestan.....	110	1363	1168	1599
Mazandaran.....	42	398	428	657
Markazi	21	148	226	258
Hormozgan.....	29	226	222	1267
Hamedan	16	169	236	281
Yazd	19	205	186	5477

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

Source: Ministry of Cooperatives, Labor and Social Welfare.