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Manufacturing



Introduction

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

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

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

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

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

In the year 1376, the data on manufacturing establishments for the years 1374 and 1375 were collected based on the developed frame and the establishments identified after the year 1373. The

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

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

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

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

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

cooperatives covered by the Ministry of Cooperatives.

It is noteworthy that the data appeared in the tables 7.1 through 7.6 are related to the establishments supervised by the Ministry of Industry, Mine and Trade, so the data on refineries not covered by the Ministry are not included.

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

Definitions and concepts

Establishment licence (agreement in principle): the primary permit issued for founding a manufacturing establishment.

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

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

Type of establishment ownership:

Public: where over 50% of the capital belongs to the ministries, government agencies, banks, Islamic Revolution institutions, municipalities, or other public sector bodies.

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

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

Employed (workers): see Chapter 5, Definitions and concepts.

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

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

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

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

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

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

Capital assets: see Chapter 5 Definitions and concepts.

Raw and primary materials, non-durable tools and instruments used: materials brought to the establishment to undergo complementary physical or chemical changes. Such materials might be either raw or semi-finished, and are to be used in the next manufacturing operations (finishing, transforming, and assembling). Non-durable tools and instruments refer to work tools and instruments with a service life span of less than one year used in the manufacturing activities of the establishment.

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

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

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

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

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

Industrial services: the contractual activities, minor repairs of buildings, machinery, office

equipment and vehicles, as well as installation and putting products into operation.

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

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

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

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

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

Hand-woven carpet cooperatives: the cooperatives engaged in production of different kinds of hand-woven carpets and similar products by providing such services as preparing and distribution of raw materials.

Selected information

In the year 1391, there were 14784 manufacturing establishments with 10 and more workers totaling 1204699 employed persons, which show 1.2 and 3.1% decrease respectively compared to the previous year. The ownership of 98.2 percent of the establishments was for the private sector and about 1.8 percent for the public sector. Besides, from among the said number of the employed, 19.7 percent were employed in the establishments with 10-49 workers, 12.5 percent in the

establishments with 50-99 workers and 67.8 percent were employees of the establishments with 100 and more workers.

In the year 1391, the amount of investment made in manufacturing establishments with 10 and more workers was about 93072 bln rials which shows about 39.1 percent increase in comparison to the previous year.

Also in the same year, the value-added of the activity of manufacturing establishments with 10 and more workers was higher than 846007 bln rials which represents a 35.5 percent increase compared to the preceding year. Out of the mentioned amount of value added, 9 percent is related to the production of the coke, oil refineries and nuclear fuels, 28.1 percent is related to production of chemicals and chemical products, 9.5 percent relates to non-metallic mineral products, 19.4 percent relates to production of other basic metals, 5.3 percent relates to the production of motor vehicles, trailers and semi-trailers 2.9 percent is for the production of machinery and unclassified equipment in other places and 10.6 percent goes to the production of food and beverages. The figures show that the seven cited activities contain 84.9 % of the total value added of the industrial activities.

In the year 1391, Busheher, Khuzestan and Hormozgan provinces with 941068, 393227 and 164276 million rials had the highest manufacturing establishments productivity with 10 and more workers, respectively and also Busheher, Khuzestan and Hormozgan provinces with 5723, 2021 and 1735 million rials had the highest amount of the workers' productivity in manufacturing establishments with 10 and more workers, respectively.

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

Industry	1375	1380	1385	1388	1389	1390	1391	1392
Total.....	9182	17098	54288	13380	15813	15872	15210	19235
Manufacture of food products and beverages	2065	2861	9849	2626	2993	2948	2220	2194
Manufacture of tobacco products.....	0	2	7	13	5	2	2	19
Manufacture of textiles	822	1161	2683	505	508	529	455	633
Manufacture of wearing apparel; dressing and dyeing of fur	245	1164	1997	203	217	260	220	363
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear....	153	230	506	70	78	79	57	100
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	288	405	1780	400	502	528	599	520
Manufacture of paper and paper products.....	532	600	1655	448	504	462	443	681
Publishing, printing and reproduction of recorded media	27	63	204	28	41	33	13	32
Manufacture of coke, refined petroleum products and nuclear fuel.....	49	142	456	144	164	199	302	696
Manufacture of chemicals and chemical products.....	845	1298	3255	804	856	912	928	1381
Manufacture of rubber and plastic products	965	1340	6573	1220	1744	1846	1716	1919
Manufacture of other non-metallic mineral products ..	888	2528	8674	3170	3783	3936	3422	3540
Manufacture of basic metals	391	555	2089	539	683	606	648	1250
Manufacture of fabricated metal products, except machinery and equipment ...	452	1289	4558	1179	1319	1353	1388	1381
Manufacture of machinery and equipment n.e.c.	564	1196	3572	757	897	797	815	1101
Manufacture of office, accounting and computing machinery	33	241	435	30	40	25	16	25
Manufacture of electrical machinery and apparatus n.e.c.....	225	552	1495	330	390	351	340	449
Manufacture of radio, television and communication equipment and apparatus	167	128	304	48	44	53	69	67
Manufacture of medical, precision and optical instruments, watches and clocks	153	169	372	96	110	113	108	151
Manufacture of motor vehicles, trailers and semi-trailers	141	579	1306	310	333	280	204	297
Manufacture of other transport equipment.....	61	243	413	91	104	99	64	102
Manufacture of furniture; manufacturing n.e.c	72	279	1298	210	287	218	192	472
Recycling	44	73	807	157	205	239	322	392
Production of energy.....	×	×	×	×	×	×	102	73
Logistic and auxiliary activities of transport; travel agency activities.....	×	×	×	×	×	×	78	188
Computer and related activities.....	×	×	×	2	6	4	4	4
Research and development.....	×	×	×	×	×	×	0	2
Other activities for engineering services.....	×	×	×	×	×	×	483	1203

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

Source: Ministry of Industry, Mine and Trade.

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

Industry	1375	1380	1385	1388	1389	1390	1391	1392 ⁽²⁾
Total	3600	3550	6764	6661	6878	6292	4112	2782
Manufacture of food products and beverages	645	651	833	1141	1359	1151	698	324
Manufacture of tobacco products	0	1	0	0	5	3	2	4
Manufacture of textiles	314	289	444	321	341	262	182	98
Manufacture of wearing apparel; dressing and dyeing of fur ..	150	193	115	95	86	65	39	39
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	89	111	60	46	86	51	36	22
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	60	81	223	172	168	165	84	53
Manufacture of paper and paper products	112	106	168	195	189	163	114	67
Publishing, printing and reproduction of recorded media.....	11	24	28	26	13	11	11	6
Manufacture of coke, refined petroleum products and nuclear fuel	6	66	87	95	93	94	75	98
Manufacture of chemicals and chemical products	176	332	522	426	457	481	337	218
Manufacture of rubber and plastic products	287	325	979	771	730	851	598	399
Manufacture of other non-metallic mineral products.....	748	407	1731	1488	1323	1177	751	416
Manufacture of basic metals	103	120	208	282	356	344	169	217
Manufacture of fabricated metal products, except machinery and equipment.....	260	267	438	526	583	519	343	208
Manufacture of machinery and equipment n.e.c.	318	229	399	397	387	373	230	197
Manufacture of office, accounting and computing machinery.. ..	15	29	27	23	18	17	11	2
Manufacture of electrical machinery and apparatus n.e.c.....	121	78	131	196	184	163	110	87
Manufacture of radio, television and communication equipment and apparatus	16	16	20	24	29	31	21	14
Manufacture of medical, precision and optical instruments, watches and clocks	26	25	34	52	62	53	40	28
Manufacture of motor vehicles, trailers and semi-trailers	65	114	136	157	172	128	88	53
Manufacture of other transport equipment	27	51	54	38	43	36	21	10
Manufacture of furniture; manufacturing n.e.c.....	45	25	100	105	99	88	68	55
Recycling	6	10	27	65	62	63	37	30
Production of energy.....	×	×	×	×	×	×	0	4
Logistic and auxiliary activities of transport; travel agency activities.....	×	×	×	×	×	×	9	43
Computer and related activities.....	×	×	×	20	33	3	0	0
Other activities for engineering services.....	×	×	×	×	×	×	38	90

1. Excluding the year 1392, it includes exploitation licenses issued for starting new establishments, expansion of existing establishments and establishments without license.

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

Source: Ministry of Industry, Mine and Trade.

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

Industry	1375	1380	1385	1388	1389	1390	1391	1392 ⁽²⁾
Total	85133	74578	126155	140598	131225	109100	70960	51054
Manufacture of food products and beverages	14185	14245	19762	22307	23923	18719	9654	6108
Manufacture of tobacco products.....	0	15	0	0	2281	65	90	706
Manufacture of textiles	19503	6564	10275	6379	6589	4954	3876	1970
Manufacture of wearing apparel; dressing and dyeing of fur	2130	2708	1477	1714	1707	978	1298	1249
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear..	1600	1211	834	714	831	497	614	260
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	721	992	2764	2312	1689	1817	1171	576
Manufacture of paper and paper products	2342	1353	2860	3574	2393	2401	1320	873
Publishing, printing and reproduction of recorded media	90	229	424	479	171	125	108	152
Manufacture of coke, refined petroleum products and nuclear fuel.....	65	1126	1218	2278	3999	3230	871	2059
Manufacture of chemicals and chemical products ...	3659	13037	10485	10442	9308	8857	6479	3567
Manufacture of rubber and plastic products	4327	3856	12429	8554	8222	10797	6628	4494
Manufacture of other non metallic mineral products..	12998	9252	25090	25950	27707	18215	13233	8626
Manufacture of basic metals	2253	2496	7421	17809	9790	9496	4656	5465
Manufacture of fabricated metal products, except machinery and equipment	7950	3869	9038	8681	10850	8620	6144	3213
Manufacture of machinery and equipment n.e.c.....	4566	4088	7639	7301	6226	6877	5663	4368
Manufacture of office, accounting and computing machinery.....	170	361	540	559	660	417	153	44
Manufacture of electrical machinery and apparatus n.e.c.....	2690	2692	4654	4977	4409	3741	1764	1044
Manufacture of radio, television and communication equipment and apparatus	2473	197	762	731	838	829	378	304
Manufacture of medical, precision and optical instruments, watches and clocks	354	574	486	701	1940	688	752	406
Manufacture of motor vehicles, trailers and semi-trailers	1307	2727	4557	10939	4093	4463	3535	1668
Manufacture of other transport equipment	872	2445	1804	1589	1341	1164	921	525
Manufacture of furniture; manufacturing n.e.c.....	782	412	1300	1549	1388	1076	729	965
Recycling	96	129	336	1051	856	1072	368	296
Production of energy.....	×	×	×	×	×	×	0	44
Logistic and auxiliary activities of transport; travel agency activities	×	×	×	×	×	×	77	809
Computer and related activities.....	×	×	×	8	14	2	0	0
Other activities for engineering services.....	×	×	×	×	×	×	478	1263

1. Excluding the year 1392, it includes exploitation licenses issued for starting new establishments, expansion of existing establishments and establishments without license.

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

Source: Ministry of Industry, Mine and Business.

8.1. ESTABLISHMENT AND EXPLOITATION LICENCES ISSUED FOR MANUFACTURING ESTABLISHMENTS



For data, see Tables: 8.1 & 8.2.

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

(billion rials)

Industry	1375	1380	1385	1388	1389	1390	1391	1392 ⁽²⁾
Total	5365	13023	77172	207403	194673	155962	91684	86260
Manufacture of food products and beverages.....	883	2070	11180	20980	26289	25780	15546	8599
Manufacture of tobacco products.....	0	2	0	0	5181	135	120	757
Manufacture of textiles	914	931	3548	5789	8950	7504	4792	3165
Manufacture of wearing apparel; dressing and dyeing of fur	17	40	122	130	357	68	105	269
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	65	84	245	451	347	177	537	186
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	25	69	1038	1927	1147	1690	866	622
Manufacture of paper and paper products	69	89	970	5555	2025	1895	3669	946
Publishing, printing and reproduction of recorded media	8	54	200	1296	208	166	309	2062
Manufacture of coke, refined petroleum products and nuclear fuel	6	160	657	23367	19785	18366	910	12439
Manufacture of chemicals and chemical products.....	304	2729	19781	29562	14695	19530	8514	6046
Manufacture of rubber and plastic products ...	397	1498	7158	5848	9236	8670	8173	5557
Manufacture of other non-metallic mineral products	849	1492	11219	43991	37737	23778	17742	12774
Manufacture of basic metals.....	136	1006	9713	37921	31346	27037	10792	17454
Manufacture of fabricated metal products, except machinery and equipment	542	539	4528	7854	10996	6646	5682	3538
Manufacture of machinery and equipment n.e.c.	220	514	1660	4138	15109	4801	3620	4426
Manufacture of office, accounting and computing machinery	27	34	253	299	597	221	172	24
Manufacture of electrical machinery and apparatus n.e.c.	761	377	1921	3859	3585	1851	1851	1151
Manufacture of radio, television and communication equipment and apparatus.....	23	8	158	272	527	184	130	179
Manufacture of medical, precision and optical instruments, watches and clocks.....	13	45	189	742	559	451	687	674
Manufacture of motor vehicles, trailers and semi-trailers	46	1167	1966	10150	4552	2873	1705	1406
Manufacture of other transport equipment	32	82	342	2070	404	388	3795	399
Manufacture of furniture; manufacturing n.e.c.	26	25	223	604	538	421	603	515
Recycling	2	9	101	598	503	3330	329	265
Production of energy.....	×	×	×	×	×	×	0	119
Logistic and auxiliary activities of transport; travel agency activities.....	×	×	×	×	×	×	123	2065
Computer and related activities.....	×	×	×	//	//	//	0	0
Other activities for engineering services.....	×	×	×	×	×	×	912	623

1. Excluding the year 1392, it includes exploitation licenses issued for starting new establishments, expansion of existing establishments and establishments without license.

2. Only 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. ESTABLISHMENT AND EXPLOITATION LICENCES ISSUED BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR MANUFACTURING ESTABLISHMENTS BY OSTAN , THE YEAR 1392

Ostan	Establishment licence ⁽¹⁾	Exploitation licence ⁽²⁾
Total country	19235	2782
East Azarbayejan.....	2170	259
West Azarbayejan	469	72
Ardebil	192	69
Esfahan	1090	205
Alborz	416	88
Ilam	124	19
Bushehr	264	15
Tehran	677	175
Chaharmahal&Bakhtiari ...	294	49
South Khorasan	122	20
Khorasan-e-Razavi.....	1143	177
North Khorasan	137	33
Khuzestan	454	82
Zanjan	720	51
Semnan.....	709	81
Sistan&Baluchestan	356	36
Fars	1894	150
Qazvin	723	136
Qom	452	135
Kordestan	496	61
Kerman	563	89
Kermanshah	308	43
Kohgiluyeh & Boyerahmad	126	18
Golestan	315	48
Gilan.....	393	95
Lorestan.....	344	53
Mazandaran.....	885	123
Markazi	1488	151
Aras Free Zone.....	14	1
Arvand Free Zone.....	0	1
Anzali Free Zone.....	4	6
Qeshm Free Zone	12	9
Kish Free Zone.....	0	1
Maku Free Zone	3	3
Hormozgan.....	202	32
Hamedan	365	65
Yazd	1311	131

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

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

Source: Ministry of Industry, Mine and Trade.

8.6. TRADE LICENCES ISSUED BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR TRADE UNITS BY OSTAN , THE YEAR 1392

Ostan	Total	Service	Manufacturing	Distributive
Total country	255746	103973	47481	104292
East Azarbayejan.....	16944	7397	3478	6069
West Azarbayejan	10157	4247	1837	4073
Ardebil	3493	1527	698	1268
Esfahan	16413	7192	3667	5554
Alborz	10437	6200	1160	3077
Ilam	3049	1130	523	1396
Bushehr	8118	3251	1325	3542
Tehran	39654	17886	8056	13712
Chaharmahal&Bakhtiari	3183	1052	615	1516
South Khorasan	2812	1086	477	1249
Khorasan-e-Razavi.....	20825	8559	3194	9072
North Khorasan	2102	768	369	965
Khuzestan	8512	2926	1357	4229
Zanjan	3545	1305	763	1477
Semnan.....	2694	1085	396	1213
Sistan&Baluchestan	3377	1304	541	1532
Fars	13811	5086	2124	6601
Qazvin	3661	1549	545	1567
Qom	2710	900	517	1293
Kordestan	9387	3205	1690	4492
Kerman	5411	1935	1031	2445
Kermanshah	5329	1862	1217	2250
Kohgiluyeh&Boyerahmad	1985	703	311	971
Golestan	5375	1887	841	2647
Gilan.....	10362	3982	2102	4278
Lorestan.....	5326	1814	955	2557
Mazandaran.....	16182	6166	4000	6016
Markazi	5836	2592	929	2315
Hormozgan.....	4209	1460	529	2220
Hamedan	6478	2399	1156	2923
Yazd	4369	1518	1078	1773

Source: Ministry of Industry, Mine and Trade

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

Year and industry	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	321326	10938	1104	1329
1380.....	10987	8109	1249	1629
1385.....	16057	12151	1856	2050
1387 ⁽²⁾	17063	12298	2210	2555
1388 ⁽²⁾	16129	11440	2185	2504
1389 ⁽²⁾	15301	10711	2229	2361
1390.....	14962	10481	2138	2343
1391⁽²⁾.....	14784	10355	2200	2230
Manufacture of food products and beverages	2736	1933	421	382
Manufacture of tobacco products	3	1	0	2
Manufacture of textiles	1071	682	178	210
Manufacture of wearing apparel; dressing and dyeing of fur	132	105	12	16
Tanning and dressing of leather ; manufacture of luggage, handbags, saddlery, harness, and footwear....	188	158	17	13
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	123	88	16	19
Manufacture of paper and paper products	334	236	56	42
Publishing, printing and reproduction of recorded media	190	153	20	18
Manufacture of coke, refined petroleum products and nuclear fuel	140	99	20	21
Manufacture of chemicals and chemical products	939	580	152	207
Manufacture of rubber and plastic products	1006	736	154	115
Manufacture of other non-metallic mineral products...	3191	2578	308	305
Manufacture of basic metals	655	379	123	153
Manufacture of fabricated metal products, except machinery and equipment	1144	787	195	161
Manufacture of machinery and equipment n.e.c.	969	636	169	164
Manufacture of office, accounting and computing machinery	38	18	4	16
Manufacture of electrical machinery and apparatus n.e.c.	482	283	93	106
Manufacture of radio, television and communication equipment and apparatus	73	44	19	10
Manufacture of medical, precision and optical instruments, watches and clocks	155	88	31	36
Manufacture of motor vehicles, trailers and semi-trailers	660	350	126	184
Manufacture of other transport equipment	138	92	26	20
Manufacture of furniture; manufacturing n.e.c.	408	320	59	29
Recycling	11	9	1	1

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

Year and industry	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	319890	10492	954	786
1380	10203	7852	1146	1205
1385	15531	11944	1775	1812
1387 ⁽²⁾	16582	12114	2134	2334
1388 ⁽²⁾	15724	11275	2131	2318
1389 ⁽²⁾	14947	10559	2175	2213
1390.....	14644	10340	2092	2212
1391⁽²⁾	14523	10246	2157	2120
Manufacture of food products and beverages	2679	1909	406	363
Manufacture of tobacco products	2	1	0	1
Manufacture of textiles	1059	679	175	204
Manufacture of wearing apparel; dressing and dyeing of fur	131	104	12	16
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	187	158	17	12
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	120	88	16	16
Manufacture of paper and paper products	333	236	56	41
Publishing, printing and reproduction of recorded media.....	180	149	19	12
Manufacture of coke, refined petroleum products and nuclear fuel	134	99	20	15
Manufacture of chemicals and chemical products	921	579	149	193
Manufacture of rubber and plastic products	1000	735	153	111
Manufacture of other non-metallic mineral products.....	3104	2517	298	289
Manufacture of basic metals	642	379	123	140
Manufacture of fabricated metal products, except machinery and equipment	1135	783	194	158
Manufacture of machinery and equipment n.e.c.	961	632	166	163
Manufacture of office, accounting and computing machinery	37	18	3	16
Manufacture of electrical machinery and apparatus n.e.c.....	478	283	92	103
Manufacture of radio, television and communication equipment and apparatus	71	43	19	9
Manufacture of medical, precision and optical instruments, watches and clocks	148	87	30	32
Manufacture of motor vehicles, trailers and semi-trailers.....	658	350	126	182
Manufacture of other transport equipment	128	88	24	16
Manufacture of furniture; manufacturing n.e.c.	406	320	59	28
Recycling	10	9	1	0

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

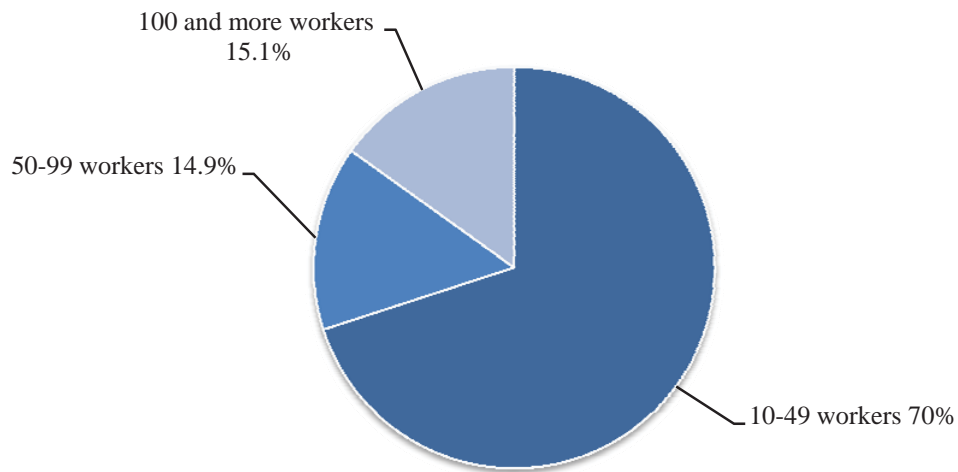
Year and industry	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	1436	446	150	543
1380	784	257	103	424
1385.....	526	207	81	238
1387 ⁽²⁾	481	184	76	221
1388 ⁽²⁾	405	165	55	186
1389 ⁽²⁾	354	153	54	148
1390.....	318	141	46	131
1391⁽²⁾.....	261	109	43	110
Manufacture of food products and beverages	58	24	15	19
Manufacture of tobacco products	1	0	0	1
Manufacture of textiles	12	3	3	6
Manufacture of wearing apparel; dressing and dyeing of fur	1	1	0	0
Tanning and dressing of leather ; manufacture of luggage, handbags, saddlery, harness, and footwear	1	0	0	1
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3	0	0	3
Manufacture of paper and paper products	1	0	0	1
Publishing, printing and reproduction of recorded media.....	11	5	1	5
Manufacture of coke, refined petroleum products and nuclear fuel	6	0	0	6
Manufacture of chemicals and chemical products	19	2	3	14
Manufacture of rubber and plastic products	6	1	1	4
Manufacture of other non-metallic mineral products.....	87	60	10	16
Manufacture of basic metals	13	0	0	13
Manufacture of fabricated metal products, except machinery and equipment	8	4	1	3
Manufacture of machinery and equipment n.e.c.	8	4	3	1
Manufacture of office, accounting and computing machinery	1	0	1	0
Manufacture of electrical machinery and apparatus n.e.c.....	4	0	1	3
Manufacture of radio, television and communication equipment and apparatus	2	1	0	1
Manufacture of medical, precision and optical instruments, watches and clocks	6	1	1	4
Manufacture of motor vehicles, trailers and semi-trailers.....	2	0	0	2
Manufacture of other transport equipment	10	4	2	4
Manufacture of furniture; manufacturing n.e.c.	1	0	0	1
Recycling	1	0	0	1

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

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

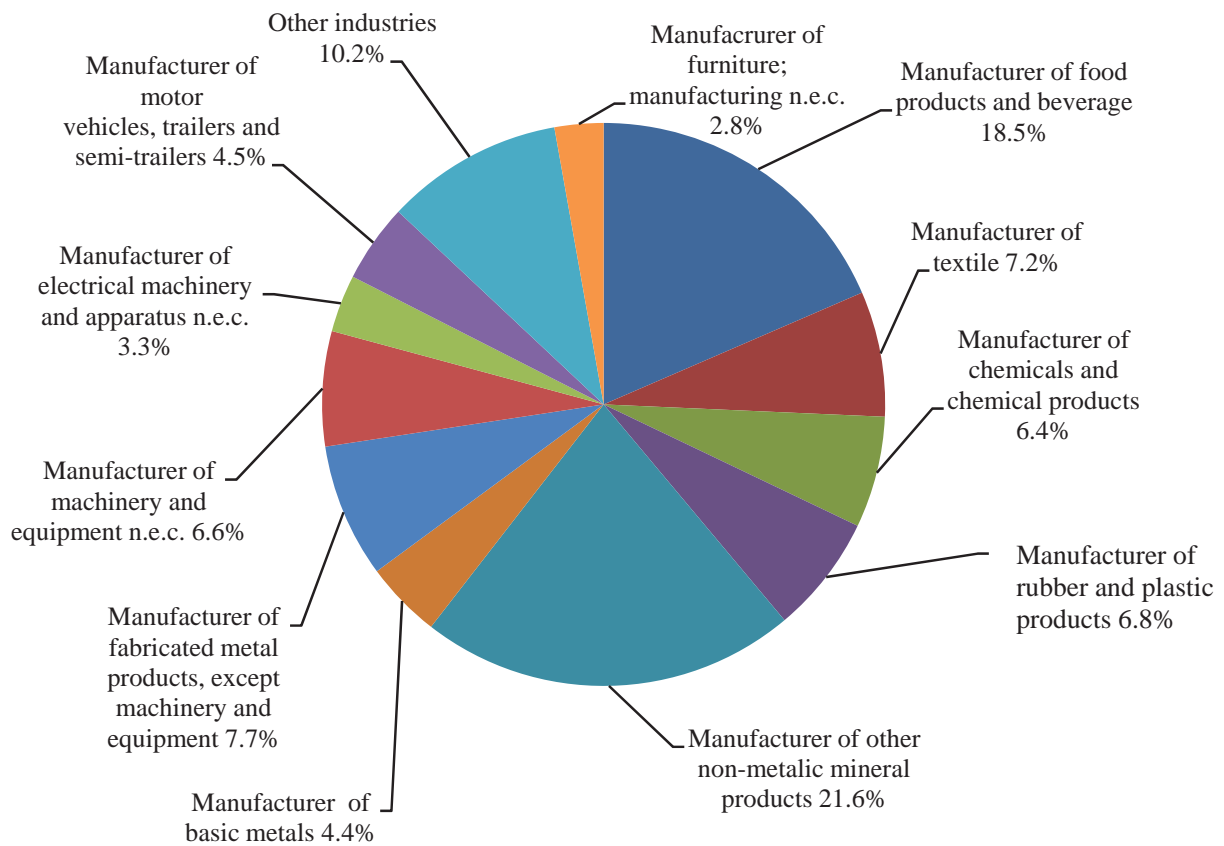
Source: Statistical Centre of Iran.

8.2. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1391



For data see Table 8.7.

8.3. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY TYPE OF ACTIVITY, THE YEAR 1391



For data, see Table 8.7.

8.8. MANUFACTURING ESTABLISHMENTS ⁽¹⁾ WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN THE YEAR 1391

Ostan	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	14784	10355	2200	2230
East Azarbayejan.....	755	529	114	111
West Azarbayejan	356	284	40	32
Ardebil	167	139	19	9
Esfahan	1794	1225	290	279
Alborz	621	343	132	147
Ilam	39	32	5	2
Bushehr	99	71	15	13
Tehran	2441	1641	390	409
Chaharmahal&Bakhtiari	255	222	15	18
South Khorasan	96	77	8	11
Khorasan-e-Razavi.....	1019	683	179	157
North Khorasan	63	49	6	8
Khuzestan	365	219	61	86
Zanjan	218	122	36	60
Semnan.....	735	634	63	37
Sistan&Baluchestan	102	89	9	4
Fars	613	457	70	85
Qazvin	728	464	109	155
Qom	450	340	64	46
Kordestan	120	102	9	9
Kerman	202	125	31	46
Kermanshah	218	170	23	25
Kohgiluyeh&Boyerahmad	31	24	4	3
Golestan	328	256	45	27
Gilan.....	562	399	80	84
Lorestan.....	160	130	15	15
Mazandaran.....	665	469	104	93
Markazi	668	412	137	119
Hormozgan.....	149	118	9	22
Hamedan	349	287	37	25
Yazd	417	243	81	93

8.8. MANUFACTURING ESTABLISHMENTS ⁽¹⁾ WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN THE YEAR 1391 (continued)

Ostan	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	14523	10246	2157	2120
East Azarbayejan.....	734	518	111	105
West Azarbayejan	347	281	37	29
Ardebil	158	133	17	8
Esfahan	1777	1220	289	268
Alborz	610	340	129	142
Ilam	38	31	5	2
Bushehr	98	71	15	12
Tehran	2397	1635	383	379
Chaharmahal&Bakhtiari	252	220	14	18
South Khorasan	95	76	8	11
Khorasan-e-Razavi.....	1004	679	174	151
North Khorasan	59	48	6	5
Khuzestan	345	208	58	80
Zanjan	214	119	35	60
Semnan.....	729	630	62	36
Sistan&Baluchestan	101	89	9	3
Fars	610	457	70	82
Qazvin	725	464	108	153
Qom	446	338	64	44
Kordestan	113	95	9	9
Kerman	193	122	30	41
Kermanshah	210	166	21	23
Kohgiluyeh&Boyerahmad	27	23	2	2
Golestan	317	248	44	25
Gilan.....	555	397	78	81
Lorestan.....	157	128	15	14
Mazandaran.....	650	461	102	88
Markazi	656	406	136	114
Hormozgan.....	144	117	9	18
Hamedan	348	287	36	25
Yazd	413	240	81	92

8.8. MANUFACTURING ESTABLISHMENTS ⁽¹⁾ WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN THE YEAR 1391 (continued)

Ostan	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	261	109	43	110
East Azarbayejan.....	21	12	3	6
West Azarbayejan	9	3	3	3
Ardebil	9	6	2	1
Esfahan	17	5	1	11
Alborz	11	3	3	5
Ilam	1	1	0	0
Bushehr	1	0	0	1
Tehran	43	6	7	30
Chaharmahal&Bakhtiari	3	2	1	0
South Khorasan	1	1	0	0
Khorasan-e-Razavi.....	14	4	4	6
North Khorasan	4	1	0	3
Khuzestan	20	11	3	6
Zanjan	4	3	1	0
Semnan.....	6	4	1	1
Sistan&Baluchestan	1	0	0	1
Fars	3	0	0	3
Qazvin	3	0	1	2
Qom	4	2	0	2
Kordestan	7	7	0	0
Kerman	9	3	1	5
Kermanshah	8	4	2	2
Kohgiluyeh&Boyerahmad	4	1	2	1
Golestan	11	8	1	2
Gilan.....	7	2	2	3
Lorestan.....	3	2	0	1
Mazandaran.....	15	8	2	5
Markazi	12	6	1	5
Hormozgan.....	5	1	0	4
Hamedan	1	0	1	0
Yazd	4	3	0	1

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

Source: Statistical Centre of Iran.

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

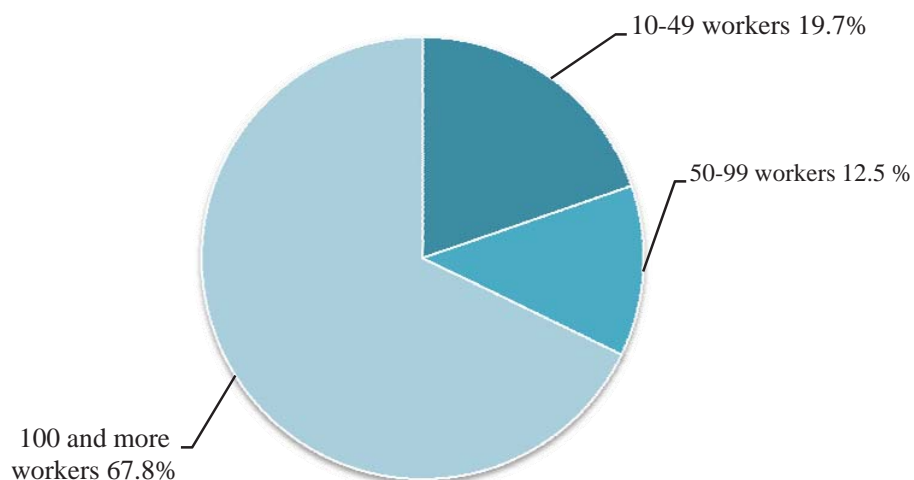
Year and size of establishments	Total workers	Wage and salary earners			Unpaid workers		
		Both sexes	Male	Female	Both sexes	Male	Female
1375 ⁽²⁾	1611279	1209517	1142072	67445	401762	376290	25472
1380.....	921106	913255	845334	67921	7851	7557	294
1385.....	1071383	1060587	961222	99365	10796	10481	315
1387.....	1261298	1252023	1126007	126016	9275	8902	373
1388.....	1251489	1242753	1115329	127424	8735	8279	456
1389.....	1248649	1240380	1115096	125284	8269	8026	243
1390.....	1242983	1235796	1111092	124704	7187	6955	232
1391.....	1204699	1198181	1075568	122613	6518	6268	249
10-49 workers.....	237675	231876	204007	27869	5799	5607	191
50-99 workers	150594	150060	130248	19812	534	499	35
100 and more workers.....	816430	816245	741313	74932	185	162	23

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

2. Including establishments with 1 to 9 workers.

Source: Statistical Centre of Iran.

8.4. DISTRIBUTION OF NATIONAL WORKERS OF THE MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1391



For data see Table 8.9 .

8.10. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE⁽¹⁾, THE YEAR 1391

Industry	Total	10-49 workers	50-99 workers	100 and more workers
Total	1204699	237675	150594	816430
Manufacture of food products and beverages	190522	46839	29006	114677
Manufacture of tobacco products	7266	41	0	7225
Manufacture of textiles	80320	16059	12330	51931
Manufacture of wearing apparel; dressing and dyeing of fur	6931	1966	854	4112
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear...	6667	2948	1129	2591
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	6746	1689	1129	3928
Manufacture of paper and paper products	19657	5339	3678	10640
Publishing, printing and reproduction of recorded media	8381	2871	1247	4263
Manufacture of coke, refined petroleum products and nuclear fuel	23517	2244	1400	19873
Manufacture of chemicals and chemical products	114482	13449	10503	90530
Manufacture of rubber and plastic products	61804	17295	10714	33795
Manufacture of other non-metallic mineral products	174731	55462	20481	98788
Manufacture of basic metals	118484	9192	8813	100480
Manufacture of fabricated metal products, except machinery and equipment	72228	18250	13204	40775
Manufacture of machinery and equipment n.e.c.	75290	15722	11578	47990
Manufacture of office, accounting and computing machinery	5574	431	324	4819
Manufacture of electrical machinery and apparatus n.e.c.	49635	6866	6308	36461
Manufacture of radio, television and communication equipment and apparatus	6645	1041	1324	4280
Manufacture of medical, precision and optical instruments, watches and clocks	13090	2318	2011	8761
Manufacture of motor vehicles, trailers and semi-trailers	130423	8854	8805	112764
Manufacture of other transport equipment	14010	2017	1665	10328
Manufacture of furniture; manufacturing n.e.c.	17952	6601	4040	7311
Recycling	344	182	52	110

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

Source: Statistical Centre of Iran.

8.11. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS⁽¹⁾ WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1391

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	1204699	237675	150594	816430
East Azarbayejan.....	58167	12804	7870	37494
West Azarbayejan	17850	6834	2704	8312
Ardebil	7731	2979	1305	3447
Esfahan	153189	28233	19583	105373
Alborz	59455	8799	9354	41302
Ilam	1728	694	308	726
Bushehr	16279	1532	1063	13684
Tehran	260566	38293	27018	195255
Chaharmahal&Bakhtiari	9505	3804	963	4738
South Khorasan	5786	1530	561	3695
Khorasan-e-Razavi.....	77111	16988	12253	47870
North Khorasan	7026	1055	373	5598
Khuzestan	71017	4806	4145	62066
Zanjan	23715	3278	2425	18012
Semnan.....	27557	13569	4486	9502
Sistan&Baluchestan	3926	1973	602	1351
Fars	41423	9883	5011	26529
Qazvin	64879	11525	7444	45910
Qom	20988	7993	4257	8739
Kordestan	4791	2376	623	1792
Kerman	23031	2886	2247	17898
Kermanshah	12418	3293	1530	7595
Kohgiluyeh&Boyerahmad	1897	546	256	1095
Golestan	13880	5473	3005	5402
Gilan.....	33387	8660	5392	19335
Lorestan.....	8725	2707	1019	4999
Mazandaran.....	44672	10170	7057	27445
Markazi	62598	10454	9238	42906
Hormozgan.....	14106	2482	580	11044
Hamedan	14691	6000	2445	6246
Yazd	42604	6056	5477	31071

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

Source: Statistical Centre of Iran.

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

Year and size of establishments	Both sexes		
	Total	Wages and salaries	Other payments
1375 ⁽¹⁾	8572672	4835414	3737258
1380.....	20603571	11115613	9487958
1385	56059937	30594745	25465191
1387.....	91553784	52507185	39046599
1388.....	105640163	60327699	45312464
1389.....	119143664	73141475	46002189
1390.....	142555622	85838966	56716656
1391.....	156656740	97045680	59611060
10-49 workers	20615581	14637518	5978063
50-99 workers	13670162	9627311	4042851
100 and more workers.....	122370997	72780850	49590146

Year and size of establishments	Male			Female		
	Total	Wages and salaries	Other payments	Total	Wages and salaries	Other payments
1375 ⁽¹⁾	8195940	4605521	3590419	376732	229893	146839
1380.....	19505178	10440534	9064644	1098393	675079	423314
1385	52273095	28179940	24093155	3786841	2414805	1372036
1387.....	84664694	48156107	36508587	6889090	4351078	2538012
1388.....	97469652	55036949	42432703	8170511	5290750	2879762
1389.....	110032858	67065645	42967213	9110806	6075830	3034976
1390	131773548	78811401	52962147	10782074	7027565	3754508
1391	144025931	88751759	55274172	12630810	8293921	4336888
10-49 workers	18548447	13050020	5498427	2067135	1587499	479636
50-99 workers	12052550	8462052	3590498	1617612	1165259	452353
100 and more workers.....	113424934	67239687	46185247	8946063	5541163	3404900

1. Including establishments with 1 to 9 workers.

Source: Statistical Centre of Iran.

8.13. COMPENSATION OF WAGE AND SALARY EARNERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE, THE YEAR 1391 (mln rials)

Industry	Total	10-49 workers	50-99 workers	100 and more workers
Total.....	156656740	20615581	13670162	122370997
Manufacture of food products and beverages	18468957	3607542	2508159	12353256
Manufacture of tobacco products	1992135	3914	0	1988221
Manufacture of textiles	7255397	1226845	1025336	5003216
Manufacture of wearing apparel; dressing and dyeing of fur	607719	137259	60584	409876
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	524938	225334	83980	215625
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	806085	125651	98558	581875
Manufacture of paper and paper products	2073881	420797	315629	1337455
Publishing, printing and reproduction of recorded media	903178	233475	116742	552962
Manufacture of coke, refined petroleum products and nuclear fuel	6225512	189891	160861	5874760
Manufacture of chemicals and chemical products	19736031	1189662	1116493	17429876
Manufacture of rubber and plastic products	6327388	1397737	984409	3945242
Manufacture of other non-metallic mineral products.....	19804601	5952799	1808768	12043035
Manufacture of basic metals	21760605	767258	802828	20190519
Manufacture of fabricated metal products, except machinery and equipment	7529657	1509883	1218210	4801564
Manufacture of machinery and equipment n.e.c....	7848351	1311023	1071302	5466026
Manufacture of office, accounting and computing machinery	892589	42830	36180	813578
Manufacture of electrical machinery and apparatus n.e.c.	5686539	583062	611350	4492127
Manufacture of radio, television and communication equipment and apparatus	704586	86554	147753	470279
Manufacture of medical, precision and optical instruments, watches and clocks	1289522	220285	170092	899145
Manufacture of motor vehicles, trailers and semi-trailers	22773733	741379	789047	21243308
Manufacture of other transport equipment	1742251	153043	143059	1446149
Manufacture of furniture; manufacturing n.e.c.	1673918	478243	398609	797066
Recycling	29166	11115	2213	15838

Source: Statistical Centre of Iran.

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

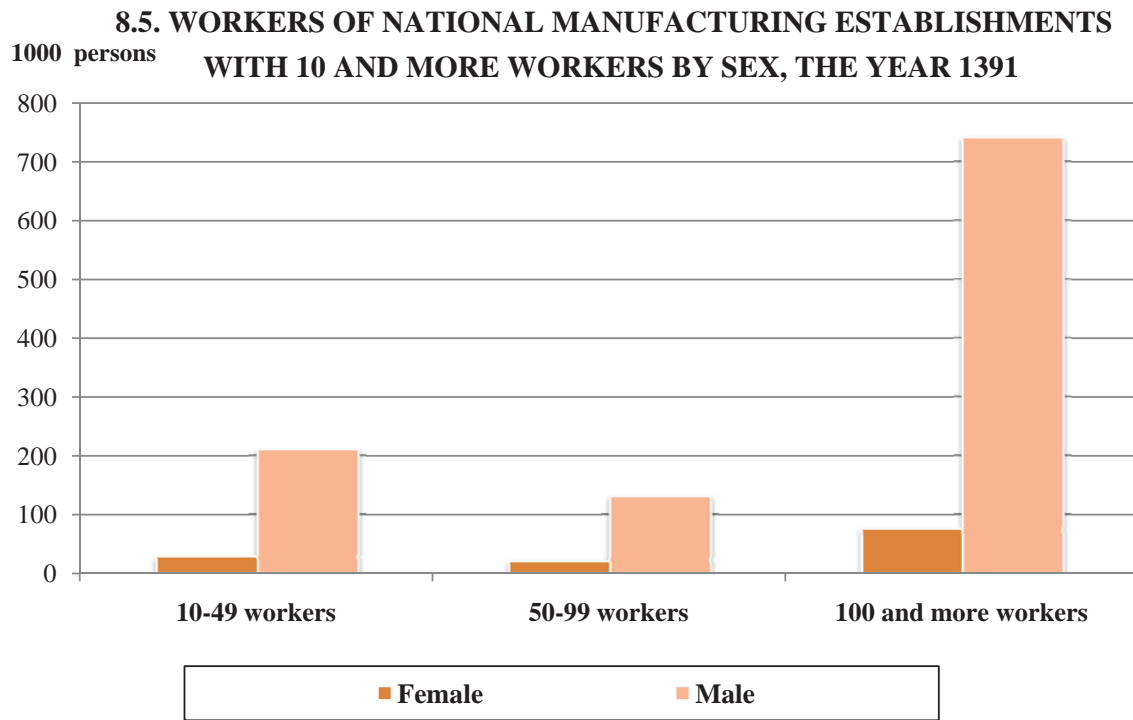
Year and size of establishments	Total	Machinery and ...	Office equipment	Vehicles
1375 ⁽¹⁾	6729816	4763211	197923	288151
1380.....	7788901	5238956	391673	396065
1385.....	39367834	19877162	820981	900691
1387	85207606	49749551	1521281	1458924
1388	71868915	40030853	1462759	1245421
1389.....	81567852	51687017	2103413	1366076
1390 ⁽²⁾	66925992	27382968	3097726	2180157
1391.....	93072280	47924105	1857727	2681042
10-49 workers	8326642	5830904	169247	279812
50-99	5523715	3476049	135395	155676
100 and more workers	79221923	38617153	1553085	2245555

Year and size of establishments	Building (without land)	Land	Computer software
1375 ⁽¹⁾	1296131	184399	0
1380.....	1453493	195403	113310
1385.....	16800907	839623	128470
1387	29879397	2398508	199946
1388	26626856	2256479	246547
1389.....	22037512	4160814	213020
1390 ⁽²⁾	20297398	13399617	568125
1391.....	35877506	3745639	1001287
10-49 workers	1737079	241652	69296
50-99 workers	1174211	543429	39124
100 and more workers	32966217	2960558	892867

1. Including establishments with 1 to 9 workers.

2. Revised figures.

Source: Statistical Centre of Iran.



For data see Table 8.9 .

8.15. INVESTMENT (CHANGES IN CAPITAL GOODS) IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF INDUSTRY AND SIZE, THE YEAR 1391
(mln rials)

Industry	Total	10-49 workers	50-99 workers	100 and more workers
Total.....	93072280	8326642	5523715	79221923
Manufacture of food products and beverages	9597321	1697001	1607122	6293198
Manufacture of tobacco products	18387	0	0	18387
Manufacture of textiles	2886503	554049	388434	1944021
Manufacture of wearing apparel; dressing and dyeing of fur	90493	29455	6431	54607
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	99261	35479	12949	50834
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	779908	32140	21856	725913
Manufacture of paper and paper products	769728	73249	42482	653997
Publishing, printing and reproduction of recorded media	316259	62440	126072	127747
Manufacture of coke, refined petroleum products and nuclear fuel	9985986	58671	20508	9906807
Manufacture of chemicals and chemical products	25398560	746602	623106	24028852
Manufacture of rubber and plastic products	2672560	1058798	291630	1322132
Manufacture of other non-metallic mineral products.....	11480114	1848233	712508	8919374
Manufacture of basic metals	18225412	759836	558512	16907064
Manufacture of fabricated metal products, except machinery and equipment	1710490	391497	342771	976223
Manufacture of machinery and equipment n.e.c....	2342969	285005	221563	1836401
Manufacture of office, accounting and computing machinery	-13281	15989	1151	-30420
Manufacture of electrical machinery and apparatus n.e.c.	1666331	256966	238274	1171091
Manufacture of radio, television and communication equipment and apparatus	152855	27402	48201	77251
Manufacture of medical, precision and optical instruments, watches and clocks	774356	24530	69002	680823
Manufacture of motor vehicles, trailers and semi-trailers	2601574	196423	118294	2286857
Manufacture of other transport equipment	1145414	53557	24469	1067389
Manufacture of furniture; manufacturing n.e.c.	371077	119321	48382	203375
Recycling	0	0	0	0

Source: Statistical Centre of Iran.

8.16. VALUE OF INVENTORIES IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY SIZE, THE YEAR 1391
(mln rials)

Size of establishments	Beginning of the year				
	Total	Finished goods	Goods for resale without any changes	Work-in-progress	Primary materials, instruments,...
Total	403685578	116401724	4522661	52073886	230687307
10-49 workers	28283232	9002882	590548	2098474	16591329
50-99 workers	33158159	13222953	601161	1985684	17348361
100 and more workers	342244187	94175890	3330952	47989728	196747617

Size of establishments	End of the year				
	Total	Finished goods	Goods for resale without any changes	Work-in-progress	Primary materials, instruments,..
Total	555898785	190619463	6440945	69442724	289395653
10-49 workers	40571255	14011669	663099	2364336	23532151
50-99 workers	39564921	12433040	914028	2837951	23379903
100 and more workers	475762608	164174755	4863818	64240437	242483598

Source: Statistical Centre of Iran.

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

Year and industry	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	48344019	6391876	3083947	29530894
1380.....	117414672	12694916	7385402	97334354
1385.....	445633735	47115744	30499904	368018088
1387	772766104	68098308	46790304	657877493
1388	1181268939	69852636	53897854	1057518449
1389	1458182318	90517418	66355087	1301309814
1390	1927631663	112440303	85814452	1729376907
1391.....	2386046104	174019719	119910754	2092115631
Manufacture of food products and beverages	233605874	56688076	38625645	138292153
Manufacture of tobacco products	2445461	32476	0	2412985
Manufacture of textiles	42006136	8833500	6389609	26783027
Manufacture of wearing apparel; dressing and dyeing of fur	1689449	756482	210122	722846
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear....	4498144	2453355	823047	1221742
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	7639679	1459127	511305	5669247
Manufacture of paper and paper products	12090968	2606215	2210339	7274414
Publishing, printing and reproduction of recorded media	3668727	719101	452432	2497194
Manufacture of coke, refined petroleum products and nuclear fuel	949522923	13479274	6180166	929863483
Manufacture of chemicals and chemical products	367367761	14438265	11547599	341381897
Manufacture of rubber and plastic products	48542814	13985440	8279864	26277509
Manufacture of other non-metallic mineral products...	76803630	18987152	6857445	50959033
Manufacture of basic metals	302649040	11237801	12799846	278611393
Manufacture of fabricated metal products, except machinery and equipment	37146185	9270440	6905727	20970018
Manufacture of machinery and equipment n.e.c.	43419411	5706504	4267674	33445233
Manufacture of office, accounting and computing machinery	3893476	73444	332154	3487879
Manufacture of electrical machinery and apparatus n.e.c.	43828149	4474483	4657970	34695696
Manufacture of radio, television and communication equipment and apparatus	3537950	353616	1086298	2098036
Manufacture of medical, precision and optical instruments, watches and clocks	6845187	586661	844875	5413650
Manufacture of motor vehicles, trailers and semi-trailers	178706188	3923475	4073965	170708748
Manufacture of other transport equipment	10032186	1458128	1608415	6965644
Manufacture of furniture; manufacturing n.e.c.	6014900	2434820	1235340	2344740
Recycling	91868	61886	10918	19065

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

Source: Statistical Centre of Iran.

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

Year and industry	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	82995974	9940992	4564494	52576042
1380.....	204090236	19958245	11504884	172627108
1385.....	715033120	70622170	44644532	599766418
1387.....	1181066380	102957906	68409590	1009698883
1388.....	1602030730	104946450	77997696	1419086585
1389.....	1952812264	130918293	94875780	1727018191
1390.....	2551964097	166919947	123536025	2261508123
1391.....	3232054017	248802904	171572841	2811678272
Manufacture of food products and beverages.....	323035128	73167705	51414054	198453369
Manufacture of tobacco products.....	6378608	42138	0	6336470
Manufacture of textiles.....	61959434	12879881	8976839	40102714
Manufacture of wearing apparel; dressing and dyeing of fur.....	3207407	1132768	419715	1654924
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	6388607	3195113	1510410	1683084
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	10602736	1999318	798498	7804920
Manufacture of paper and paper products.....	17134772	3829401	3116160	10189210
Publishing, printing and reproduction of recorded media.....	6392796	1371779	702001	4319017
Manufacture of coke, refined petroleum products and nuclear fuel.....	1026045835	14681796	8041707	1003322333
Manufacture of chemicals and chemical products.....	604949829	21299262	16752957	566897611
Manufacture of rubber and plastic products.....	73178845	19512052	12049909	41616885
Manufacture of other non-metallic mineral products.....	157280240	34151990	12693099	110435152
Manufacture of basic metals.....	467079204	16667112	16969193	433442899
Manufacture of fabricated metal products, except machinery and equipment.....	63204856	14131818	10402547	38670491
Manufacture of machinery and equipment n.e.c.....	68212165	9968272	6945753	51298141
Manufacture of office, accounting and computing machinery.....	6066152	283955	390470	5391727
Manufacture of electrical machinery and apparatus n.e.c.....	64165110	6493510	6639802	51031798
Manufacture of radio, television and communication equipment and apparatus.....	5483479	526146	1901134	3056199
Manufacture of medical, precision and optical instruments, watches and clocks.....	12029614	1022817	1446230	9560566
Manufacture of motor vehicles, trailers and semi-trailers.....	223431419	6393330	5981947	211056142
Manufacture of other transport equipment.....	15552116	2019139	2227888	11305090
Manufacture of furniture; manufacturing n.e.c.....	10134892	3935064	2171419	4028409
Recycling.....	140770	98537	21111	21122

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

Source: Statistical Centre of Iran.

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

Year and industry	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	34651959	3549115	1480547	23045148
1380.....	86675563	7263328	4119481	75292754
1385.....	269399385	23506426	14144628	231748330
1387.....	408300275	34859599	21619286	351821390
1388.....	420761791	35093814	24099842	361568136
1389.....	494629946	40400875	28520694	425708377
1390.....	624332432	54479644	37721573	532131216
1391.....	846007912	74783184	51662087	719562641
Manufacture of food products and beverages.....	89429254	16479629	12788409	60161217
Manufacture of tobacco products.....	3933147	9662	0	3923485
Manufacture of textiles.....	19953298	4046382	2587229	13319687
Manufacture of wearing apparel; dressing and dyeing of fur.....	1517958	376286	209594	932078
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	1890463	741758	687363	461342
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	2963057	540191	287193	2135673
Manufacture of paper and paper products.....	5043804	1223187	905821	2914796
Publishing, printing and reproduction of recorded media.....	2724069	652678	249569	1821823
Manufacture of coke, refined petroleum products and nuclear fuel.....	76522912	1202521	1861541	73458850
Manufacture of chemicals and chemical products.....	237582069	6860997	5205358	225515714
Manufacture of rubber and plastic products.....	24636031	5526611	3770044	15339376
Manufacture of other non-metallic mineral products.....	80476611	15164838	5835653	59476119
Manufacture of basic metals.....	164430164	5429312	4169347	154831506
Manufacture of fabricated metal products, except machinery and equipment.....	26058671	4861379	3496820	17700473
Manufacture of machinery and equipment n.e.c.....	24792754	4261768	2678079	17852908
Manufacture of office, accounting and computing machinery.....	2172676	210511	58317	1903848
Manufacture of electrical machinery and apparatus n.e.c.....	20336962	2019027	1981832	16336102
Manufacture of radio, television and communication equipment and apparatus.....	1945529	172530	814836	958163
Manufacture of medical, precision and optical instruments, watches and clocks.....	5184427	436156	601355	4146916
Manufacture of motor vehicles, trailers and semi-trailers.....	44725231	2469855	1907983	40347393
Manufacture of other transport equipment.....	5519930	561011	619473	4339446
Manufacture of furniture; manufacturing n.e.c.....	4119992	1500244	936079	1683669
Recycling.....	48902	36651	10193	2058

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

Source: Statistical Centre of Iran.

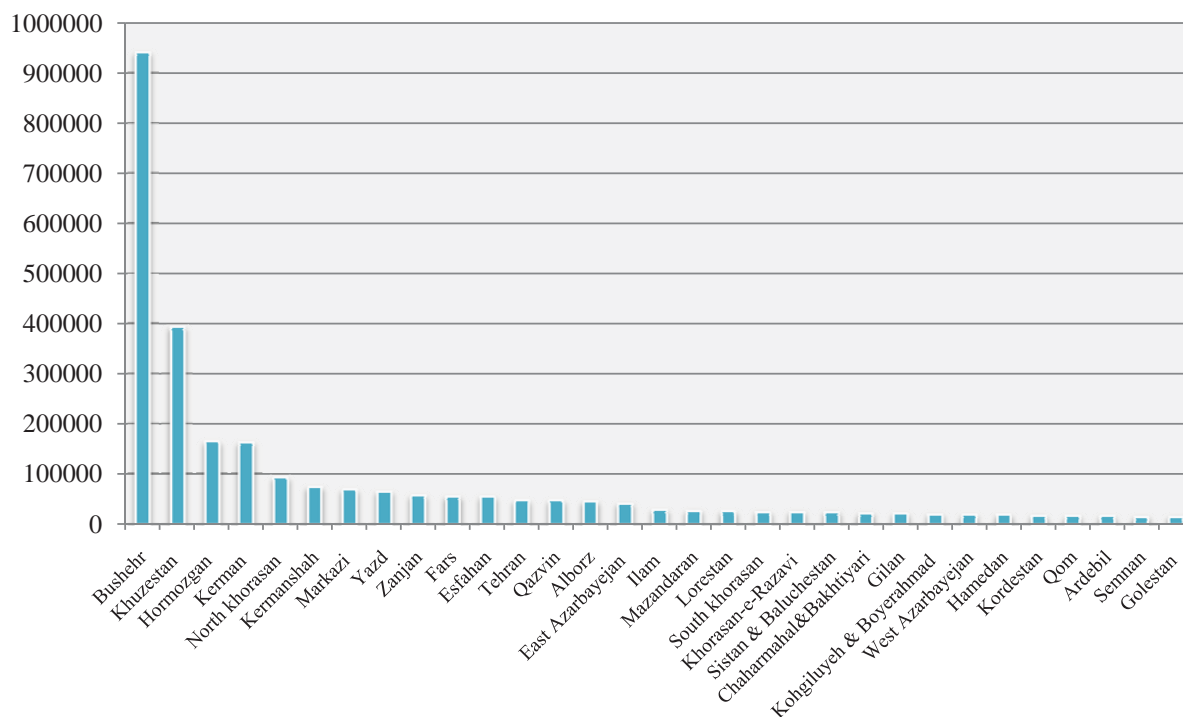
8.20. VALUE ADDED RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1391
(mln rials)

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	846007912	74783184	51662087	719562641
East Azarbayejan.....	30749547	5206929	2609571	22933048
West Azarbayejan	6500790	1644334	840777	4015679
Ardebil	2637768	913597	331619	1392552
Esfahan	96811559	9054243	5449385	82307930
Alborz	27648481	3514162	3396166	20738153
Ilam	1104461	221049	73863	809549
Bushehr	93165719	545347	598179	92022194
Tehran	113395187	9733766	7769770	95891651
Chaharmahal & Bakhtiyari	5439333	1763834	329793	3345706
South Khorasan	2300630	355175	264574	1680881
Khorasan-e-Razavi.....	24337489	3568949	3024466	17744074
North Khorasan	5780352	242964	73644	5463745
Khuzestan	143527957	1481741	1137271	140908946
Zanjan	12294915	1357766	1089022	9848127
Semnan.....	10805324	4731197	1638253	4435873
Sistan & Baluchestan	2431855	1005101	370797	1055956
Fars	33685055	3411074	3846667	26427313
Qazvin	33682824	3917178	2739455	27026190
Qom	7273260	2978479	1942347	2352434
Kordestan	1992085	499746	179067	1313273
Kerman	32897195	1990686	1134876	29771632
Kermanshah	16021441	1586963	860492	13573986
Kohgiluyeh&Boyerahmad	604761	198100	134993	271668
Golestan	4774720	1399164	786071	2589485
Gilan.....	11406452	1522871	1471133	8412448
Lorestan.....	3984317	623479	175390	3185448
Mazandaran.....	17776239	3191485	2063451	12521302
Markazi	45351799	3575167	3332286	38444346
Hormozgan.....	24477183	912280	1506696	22058207
Hamedan	6248543	1478597	556264	4213682
Yazd	26900673	2157762	1935747	22807163

Source: Statistical Centre of Iran.

8-6. PRODUCTIVITY OF MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY OSTAN, THE YEAR 1391

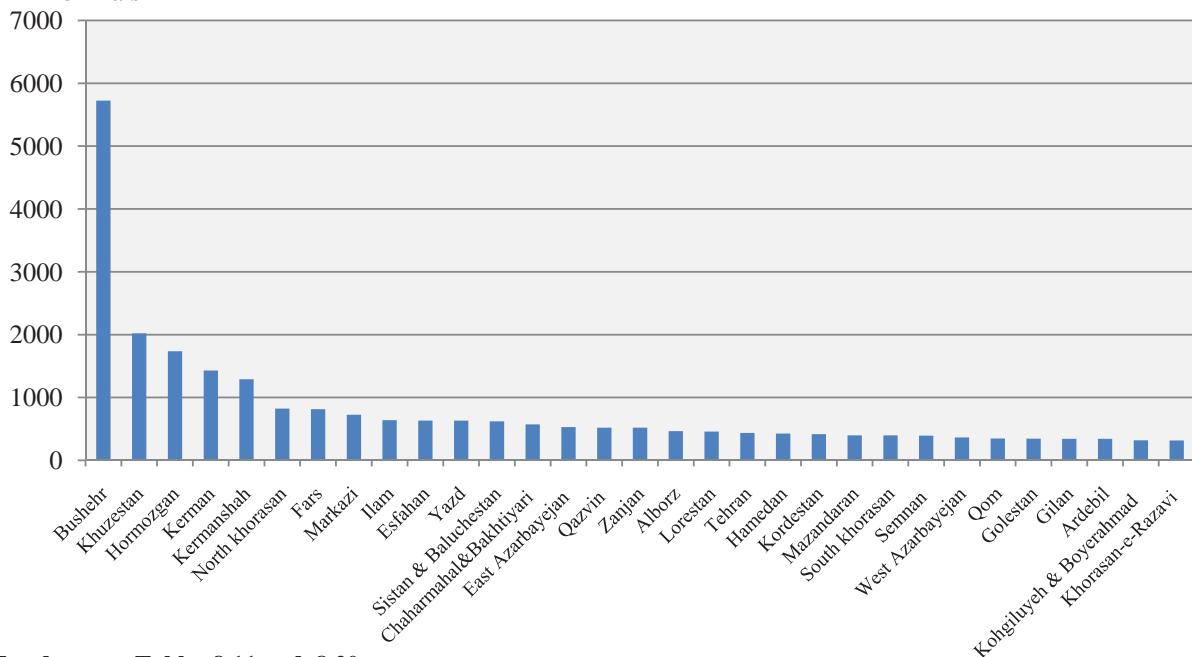
Million rials



For data see Tables 8.8 and 8.20.

8.7. PRODUCTIVITY OF EMPLOYED PERSONS IN MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY OSTAN, THE YEAR 1391

Million rials



For data, see Tables 8.11 and 8.20.

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

Year and industry	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	355023	45028	17822	268116
1380.....	3572278	103338	77153	3391787
1385.....	4535570	250666	113564	4171340
1387.....	7618750	315918	202128	7100704
1388.....	8501981	364780	327333	7809868
1389.....	10849436	453121	343305	10053009
1390.....	27856160	1123198	989622	25743340
1391.....	15856813	973275	1085378	13798160
Manufacture of food products and beverages.....	1192683	196539	147988	848156
Manufacture of tobacco products.....	687	12	0	674
Manufacture of textiles.....	516310	60590	57284	398436
Manufacture of wearing apparel; dressing and dyeing of fur.....	12289	2855	772	8662
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear.....	8774	2182	3635	2957
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	110056	8951	4573	96532
Manufacture of paper and paper products.....	103723	14039	20216	69467
Publishing, printing and reproduction of recorded media.....	31202	2314	2644	26244
Manufacture of coke, refined petroleum products and nuclear fuel.....	4742216	67545	194499	4480172
Manufacture of chemicals and chemical products.....	1413019	114411	84035	1214573
Manufacture of rubber and plastic products.....	357602	75613	78153	203836
Manufacture of other non-metallic mineral products.....	1235309	147528	91142	996639
Manufacture of basic metals.....	2202724	58963	119197	2024564
Manufacture of fabricated metal products, except machinery and equipment.....	417363	67102	92089	258172
Manufacture of machinery and equipment n.e.c.....	460944	55987	62019	342938
Manufacture of office, accounting and computing machinery.....	38098	2737	1386	33975
Manufacture of electrical machinery and apparatus n.e.c.....	395744	28085	32756	334902
Manufacture of radio, television and communication equipment and apparatus.....	65300	3749	13189	48363
Manufacture of medical, precision and optical instruments, watches and clocks.....	42817	2920	5546	34352
Manufacture of motor vehicles, trailers and semi-trailers.....	2371305	32658	47060	2291587
Manufacture of other transport equipment.....	53118	10849	9946	32323
Manufacture of furniture; manufacturing n.e.c.....	85162	17295	17248	50619
Recycling.....	369	351	0	18

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

Source: Statistical Centre of Iran.

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

Year and industry	Payments			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	2538283	212896	124976	1910300
1380.....	6170837	504636	376695	5289506
1385.....	25283503	1443561	1257215	22582727
1387.....	37998569	2179543	1653953	34165073
1388.....	45890057	2292877	2023592	41573588
1389.....	57739005	2378947	2412232	52947826
1390.....	68435163	3502665	4642729	60289772
1391.....	100043961	4015003	4796683	91232275
Manufacture of food products and beverages	8734672	936376	819325	6978971
Manufacture of tobacco products	359822	1706	0	358116
Manufacture of textiles	1246544	157243	125602	963699
Manufacture of wearing apparel; dressing and dyeing of fur	59178	15771	4241	39166
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear	47345	22677	6411	18258
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	221819	21916	9304	190599
Manufacture of paper and paper products	934495	65446	168691	700358
Publishing, printing and reproduction of recorded media	149681	31899	10585	107197
Manufacture of coke, refined petroleum products and nuclear fuel	9499831	60235	335598	9103999
Manufacture of chemicals and chemical products ..	31747577	436725	1003852	30306999
Manufacture of rubber and plastic products.....	1985316	385001	421349	1178966
Manufacture of other non-metallic mineral products	6868438	727581	467150	5673707
Manufacture of basic metals	17195766	196126	278367	16721272
Manufacture of fabricated metal products, except machinery and equipment	2193097	255047	393236	1544814
Manufacture of machinery and equipment n.e.c.	2414598	214829	205464	1994306
Manufacture of office, accounting and computing machinery	287765	29502	13414	244850
Manufacture of electrical machinery and apparatus n.e.c.	1757942	112311	163337	1482294
Manufacture of radio, television and communication equipment and apparatus	185601	23664	46702	115236
Manufacture of medical, precision and optical instruments, watches and clocks	255360	34310	18932	202118
Manufacture of motor vehicles, trailers and semi-trailers	12948591	162192	182372	12604027
Manufacture of other transport equipment.....	688785	50026	40173	598586
Manufacture of furniture; manufacturing n.e.c.	257813	71176	82499	104138
Recycling	3923	3244	81	598

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

Year and industry	Receipts			
	Total	10-49 workers	50-99 workers	100 and more workers
1375 ⁽¹⁾	282024	23203	13229	177588
1380.....	334347	31664	19472	283210
1385.....	1912385	173881	92179	1646325
1387.....	2424612	227336	200576	1996700
1388.....	3817314	230199	568235	3018879
1389.....	4450513	350657	187012	3912844
1390.....	9434069	325883	418676	8689507
1391.....	7144471	357068	206915	6580488
Manufacture of food products and beverages.....	299996	23609	32075	244312
Manufacture of tobacco products.....	14760	0	0	14760
Manufacture of textiles.....	82376	16108	5598	60670
Manufacture of wearing apparel; dressing and dyeing of fur.....	432	12	0	420
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness, and footwear... ..	648	27	0	622
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	13462	3576	1013	8874
Manufacture of paper and paper products.....	146274	58852	163	87258
Publishing, printing and reproduction of recorded media.....	407501	7330	0	400171
Manufacture of coke, refined petroleum products and nuclear fuel.....	360766	1177	194	359396
Manufacture of chemicals and chemical products.....	1455642	25102	21714	1408825
Manufacture of rubber and plastic products.....	30299	13436	2108	14754
Manufacture of other non-metallic mineral products.....	1059969	97686	19279	943004
Manufacture of basic metals.....	269941	347	3418	266176
Manufacture of fabricated metal products, except machinery and equipment.....	83762	9351	25517	48894
Manufacture of machinery and equipment n.e.c.....	358312	27100	6655	324557
Manufacture of office, accounting and computing machinery.....	88060	59442	967	27651
Manufacture of electrical machinery and apparatus n.e.c.....	44929	1376	18762	24790
Manufacture of radio, television and communication equipment and apparatus.....	88608	0	53403	35205
Manufacture of medical, precision and optical instruments, watches and clocks.....	919	6	250	663
Manufacture of motor vehicles, trailers and semi-trailers.....	2268089	8706	3167	2256216
Manufacture of other transport equipment.....	50055	558	41	49456
Manufacture of furniture; manufacturing n.e.c.....	19390	2985	12593	3812
Recycling.....	281	281	0	0

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

Source: Statistical Centre of Iran.

8.23. PRODUCTION OF SELECTED MANUFACTURED GOODS

Commodity	Unit	1375	1380	1385	1387
Canned fish (tuna, sardines).....	Ton	8088	18180	31049	22629
Pasteurized milk	Ton	575429	801395	1777833	210338
Vegetable oil	Ton	789344	852353	1439754	1603676
Sugar (lump, granulated).....	1000 ton	637	1113	1319	1626
Non-alcoholic carbonated drinks (except diluted yogurt).....	Million	3768	4818	4930	4472
Malt liquor	Million	443	60	232	596
Cigarettes	Million	11962	13359	27050	22436
Threads	Ton	173779	388790	552090	433500
Finished fabrics	Million	442	551	344	336
Machine-made carpets	1000 sq	20218	51875	41472	59928
Moquette.....	1000 sq	29994	43014	54508	58568
Blankets.....	1000	4430	8166	7523	8544
Papers.....	Ton	250721	315502	490815	503499
Detergent powders	Ton	226845	306249	562027	505408
Soap.....	Ton	70788	75918	68312	72791
Matches.....	Million	2189	2351	1577	2324
Cement	1000 ton	16442	24755	32831	45626
Tile and Ceramic	1000 sq	47090	76827	147919	246517
Combines... ..	Number	240	346	968	807
Tractors	Number	5452	12208	32929	20236
Road construction machinery	Number	425	612	3506	4986
Washing machines	Number	158956	212664	418167	20236
Switch and socket	1000	21527	24559	25787	31820
Radio and radio cassette recorders	Number	56262	129256	821439	637206
Colour TV....	Number	433151	807964	619585	297694
Water meters	Number	515412	933741	618258	876536
Electricity meters	Number	763109	906671	562099	1293757
Passenger cars and jeeps	Number	103110	332643	917165	1257760
Ambulances	Number	422	328	265	833
Trucks and light trucks	Number	3316	4303	20130	36867
Buses.....	Number	1177	1643	4111	5056
Minibuses.....	Number	122	3226	1765	3576
Vans.....	Number	16383	46639	155269	248192

8.23. PRODUCTION OF SELECTED MANUFACTURED GOODS(continued)

Commodity	Unit	1388	1389	1390	1391
Canned fish (tuna, sardines).....	Ton	24045	27503	22559	000
Pasteurized milk.....	Ton	2061815	2036484	2840857	000
Vegetable oil.....	Ton	1789301	1527075	1256023	000
Sugar (lump, granulated).....	1000 ton	1409	1846	1846	000
Non-alcoholic carbonated drinks (except diluted yogurt).....	Million bottles	3849	3024	3458	000
Malt liquor.. ..	Million bottles	870	1001	1405	000
Cigarettes....	Million	26898	22354	21708	000
Threads	Ton	323925	373616	411583	000
Finished fabrics	Million metres	293	280	246	000
Machine-made carpets	1000 sq m	75642	77245	5462	000
Moquette....	1000 sq m	71995	59609	66936	000
Blankets....	1000	6565	5853	4031	000
Papers.....	Ton	465745	486920	492570	000
Detergent powders	Ton	594247	540839	574685	000
Soap	Ton	57750	82869	78879	000
Matches.....	Million boxes	1268	1047	1116	000
Cement	1000 ton	49471	57181	63205	000
Tile and Ceramic	1000 sq m	243590	300173	299698	000
Combines	Number	362	229	163	000
Tractors	Number	13309	18403	23688	000
Road construction machinery	Number	2169	3084	1449	000
Washing machines	Number	666756	689952	333052	000
Switch and socket	1000	25754	21323	32038	000
Radio and radio cassette recorders	Number	656087	356019	554626	000
Colour TV.. ..	Number	389469	518832	406163	000
Water meters	Number	1610613	556391	498494	000
Electricity meters	Number	1756540	904236	3754963	000
Passenger cars and jeeps	Number	1441558	1427539	1627697	000
Ambulances	Number	159	494	385	000
Trucks and light trucks	Number	42254	33624	28656	000
Buses	Number	4443	4154	3252	000
Minibuses....	Number	3672	3404	3768	000
Vans.....	Number	174908	194594	194004	000

Source: Statistical Centre of Iran.

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

Description	Number	Member	Employed	Capital (mln rials)
<i>Registered cooperatives ⁽¹⁾</i>				
1375.....	4369	77232	38829	1061236
1380.....	8764	138339	87105	1932083
1385.....	18329	237158	177488	2716607
1388.....	26380	305209	257885	3227347
1389.....	28999	319213	278073	4384508
1390.....	31662	327743	315094	6172181
1391.....	33540	371213	338309	9234466
1392.....	35223	389168	359795	14718077
<i>Cooperatives under establishment</i>				
1375.....	96	1124	779	20773
1380.....	475	5457	4911	75107
1385.....	3503	38966	36596	415501
1388.....	8307	79557	88602	773374
1389.....	5638	50032	54453	358075
1390.....	5824	48676	71936	411966
1391.....	6342	58801	81431	680966
1392.....	5648	49945	65919	5987509
<i>Operating cooperatives</i>				
1375.....	1628	65197	20935	889591
1380.....	3738	66788	46542	1550468
1385.....	8291	116028	88624	1935014
1388.....	10919	139334	111893	2069796
1389.....	12061	140575	121399	3246567
1390.....	12164	153375	120322	4731922
1391.....	11830	141156	113756	7356404
1392.....	11886	148588	121105	6193349

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

Description	Number	Member	Employed	Capital (mln rials)
East Azarbayejan	819	7892	7699	1176640
West Azarbayejan	233	2011	2780	130707
Ardebil.....	226	1901	2033	303195
Esfahan.....	338	6686	2961	126954
Alborz.....	216	2159	3163	152793
Ilam	216	1832	1521	27694
Bushehr	327	2745	4197	630775
Tehran	526	14773	11791	126837
Chaharmahal&Bakhtiyari.....	363	2810	2965	116989
South Khorasan	180	1748	1243	28639
Khorasan-e-Razavi.....	901	10544	8479	271504
North Khorasan	220	1798	1753	85638
Khuzestan	447	4045	5169	93446
Zanjan.....	363	3004	3517	116238
Semnan.....	176	2015	2508	39653
Sistan&Baluchestan	242	3586	4639	64462
Fars	796	11585	6910	242446
Qazvin	91	733	1018	62536
Qom	125	1321	1029	153033
Kordestan	195	1643	1665	68321
Kerman	592	6279	4098	116570
Kermanshah	336	3306	4181	115965
Kohgiluyeh&Boyerahmad	183	4515	1745	423040
Golestan.....	411	3053	2929	89084
Gilan.....	431	4631	3049	113244
Lorestan.....	743	6450	6972	117073
Mazandaran	676	5926	6478	450933
Markazi	269	3409	2491	326677
Hormozgan.....	570	4398	5316	50138
Hamedan	283	2496	3288	66132
Yazd	392	19294	3518	305993

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

Source: Ministry of Cooperatives.

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

Description	Number	Member	Employed	Capital (mln rials)
<i>Registered cooperatives ⁽¹⁾</i>				
1375.....	669	102295	50128	18671
1380.....	997	114940	59489	31812
1385.....	1954	124127	71006	56162
1388.....	2658	131468	82335	70423
1389.....	2780	129880	79560	126640
1390.....	3031	92984	84082	131297
1391.....	3155	156864	88972	140742
1392.....	3324	157341	96578	639701
<i>Cooperatives under establishment</i>				
1375.....	1	8	120	6
1380.....	14	185	349	166
1385.....	344	2827	5228	13990
1388.....	693	5993	11394	20157
1389.....	404	4274	6164	60039
1390.....	443	4115	7546	57590
1391.....	488	5028	10068	59675
1392.....	458	4295	10975	60298
<i>Operating cooperatives</i>				
1375.....	261	58739	24002	9541
1380.....	463	67906	31010	19454
1385.....	963	73234	36791	29045
1388.....	1272	77047	41500	36649
1389.....	1339	56539	32221	47090
1390.....	1343	67882	33792	41860
1391.....	1289	69563	30973	52724
1392.....	1154	57115	27133	54343

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

Description	Number	Member	Employed	Capital (mln rials)
East Azarbayejan	107	3540	1140	4721
West Azarbayejan	33	2041	2088	5583
Ardebil.....	38	351	547	1635
Esfahan	34	30656	471	6602
Alborz	14	109	335	111
Ilam	21	439	661	228
Bushehr	16	121	327	802
Tehran	56	774	5803	903
Chaharmahal&Bakhtiyari	45	2442	4125	3612
South Khorasan	14	410	209	312
Khorasan-e-Razavi.....	116	3019	1769	4657
North Khorasan.....	25	192	180	606
Khuzestan	25	774	736	481
Zanjan	36	303	464	464
Semnan.....	8	150	155	362
Sistan&Baluchestan	6	139	112	82
Fars	62	4214	1910	971
Qazvin	7	50	104	85
Qom	5	39	84	454
Kordestan	7	1072	90	227
Kerman	65	1779	1103	12721
Kermanshah	14	324	360	311
Kohgiluyeh&Boyerahmad	5	60	60	69
Golestan	49	596	407	213
Gilan.....	47	381	400	295
Lorestan.....	159	1913	2016	3085
Mazandaran.....	38	319	466	571
Markazi	21	187	239	512
Hormozgan.....	50	434	448	1166
Hamedan	10	70	125	154
Yazd	21	217	199	2348

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

Source: Ministry of Cooperatives.