

Introduction

The first National Survey of Agriculture was conducted in the year 1339 by the then General Department of Statistics, as sampling. After the implementation of several sample surveys of which the results for the years 1350 and 1351 were released, the SCI took the first census of agriculture in rural areas in the year 1352. In this census, the required data were collected through visiting all rural areas. Data on agricultural activities in urban areas and nomadic households with no residential place in rural areas of the country were not included in this survey. On the basis of the statistical frame resulted from the above census, the SCI conducted the Survey of Agriculture in rural areas in the years 1353, 1354, 1356 to 1359, as well as the years 1361 and 1366, and then released the results.

In the year 1360, by carrying out the project of preparing a rural gazetteer, Jahad-e-Sazandegi gathered similar information as the results of the 1352 Census of Agriculture in rural areas taken by the SCI.

The SCI conducted the first National Census of Agriculture in the year 1367 in urban and rural areas by visiting settled and unsettled households to collect data on all agricultural holdings of natural persons as well as data on holdings belonging to legal entities by identifying all places used by them for agricultural activities. Using the frame of this Census, the SCI took the first Sample Survey of Agriculture in the year 1371. Through the Survey, which covered only temporary crops activities of agricultural holdings, data on production, the value of products, the production cost of principal crops, etc. for the year 1370 were collected.

The second national census of agriculture was taken in the year 1372 by the SCI. In the census, some cities or urban districts in which the number of the holders' households was not significant in the 1367 Census were excluded. According to the calculations made, the proportion of the population was 1.7%, of the holders' households, 2.5% of arable lands under crops, 3.2% of the area with orchards and nurseries, and 1.3% of livestock across the total country in the year 1367.

In the year 1382, the third National Census of Agriculture was taken in collaboration with the Ministry of Agriculture-Jahad. In this census, in order to identify the agricultural holders, all areas of the country, excluding 108 cities, were listed as the selected cities.

In the year 1381, by using information available in the Ministry as well as conducting local researches, the list of agricultural holders of the selected cities was prepared in the form of the project: "Census of Agricultural Holders in the Selected Cities".

In the year 1384, for the first time, Survey of Livestock Farms was conducted jointly by the SCI and the Ministry of Agriculture-Jahad, Deputy for Livestock Affairs, based on the statistical frame developed from the 1382 National Census of Agriculture.

The 1393 National Census of Agriculture was the fourth one which was conducted across the country from the 5th of Meher month to the 18th of Aban month. The results of this Census comprise a wide range of statistical information that is published on various tables electronically and in a hard copy.

In the year 1369, statistics for modern cattle farms were, for the first time, collected by the SCI. In this survey, the lists of modern cattle farms obtained from the 1367 National Census of Agriculture were used. The same survey was conducted in the year 1373 as a census and as a sample survey in the years 1375, 1379, and 1386 by the SCI, and in the year 1383 by Agriculture-Jahad, the results of which were disseminated.

Until the year 1346, statistics for the livestock slaughter used to be released by the Statistics Bureau of the Finance Ministry. From the year 1347 to the year 1375, the related data were collected and released by the SCI through inquiring the municipalities and based on monthly reports of the municipalities owning slaughterhouses. Since the year 1376, the mentioned data have been collected from slaughterhouses in collaboration with the State Veterinary Organization and municipalities. For the first time, in the years 1364 and 1365, the SCI took the survey of chicken farms. Due to the

variety of chicken farming activities in recent years, the SCI has taken separate sample surveys to collect data on different activities such as on raising layer chicken and pullet, on raising breeder chicken, on egg incubation, and a sample survey on broiler chicken raising.

Until the year 1375, the value-added table of agricultural activities reflected in the statistical yearbooks of the previous years used to be taken from Central Bank publications. However, as the SCI has compiled Iran's National Accounts based on 1993 SNA since the year 1370, therefore, the statistics for value-added included in this chapter are according to the national accounts compiled by the SCI as of the year 1380. However, since the year 1390, Iran's National Accounts have been compiled by SCI based on the 2008 SNA.

In addition to different publications of the SCI, reports and publications of the following organizations have also been used as the sources of the information included in this chapter:

Ministry of Agriculture-Jahad, Ministry of Energy, Agricultural Support Services Company, Iran Fisheries Organization (SHILAT), Forests, Range and Watershed Management Organization, Central Organization of Rural Cooperatives and Ministry of Cooperatives, Labour, and Social Welfare.

Statistical information included in this Chapter contains statistics on temporary and permanent crops, livestock and poultry, forestry, fisheries and related cooperatives. Moreover, at the end of this chapter, there is one table on value-added of "agriculture, hunting and forestry" and "Fishing" activities.

Definitions and concepts

Agricultural holding: This is an economic unit of agricultural production comprising one or several activities within in a specific geographic areas (villages or cities) under single management (natural, legal).

Temporary crops cultivation: It refers to the annual plant cultivation for economic utilization, which is done outdoors or under temporary cover such as plastic, on arable land, or between (underneath) garden trees.

Permanent crops cultivation: It refers to the annual cultivation of permanent crops for economic utilization. This activity includes starting and

maintaining the orchards, rose flower gardens, and their nurseries on the land and also under cover such as plastic. Raising these plants in the vase and the like are not included in this activity.

Large livestock: They include cattle and calves, buffaloes and calves, camels and calves and other perissodactyla.

Holder raising large livestock: This is an agricultural holder who has at least one head of large livestock on the enumeration day.

Small livestock: This includes sheep, lamb, goat, and kid.

Holder raising small livestock: This is an agricultural holder who has at least two heads of small livestock on the enumeration day.

Centres for supplying livestock: They refer to the centres in which livestock is supplied and include markets for supplying livestock and other markets (for ornamental birds and/or fishes).

Centres for supplying raw livestock products: They refer to the centers that supply a type or types of raw animal products and include dedicated centers supplying animal meat and edible offal, poultry meat and edible offal, aquatic meat and other products (wholesale or retail), as well as other food supplying centers (such as supermarkets, chain stores, meat and protein shops, etc.).

Centres for supplying raw poultry products: They refer to the centers that supply chicken meat products and edible offal.

Centres for supplying raw aquatic products: They refer to the centres that supply aquatic meat products.

Other Centres for supplying raw products: They refer to the supermarkets, chain stores, meat and protein shops, etc.

Broiler chicken (broiler chick): It refers to a chicken raised from the day-old broiler chicken during a specific period for its meat.

Layer chicken: It refers to a hen that is raised from layer pullets and kept to produce edible eggs.

Shell-less eggs: They are eggs lacking the outer hard shell.

Breeder chicken: It is a hen whose fertile eggs are hatched to produce day-old chicks and are divided into three groups: broiler hens, layer chicken and indigenous chickens

One-day-old chick: It is the chicken that is hatched by placing the fertile eggs of different poultries in

special incubators during a certain period of time and contain one-day-old broiler, layer chickens, indigenous, and other poultries.

Poultry: They includes boiler chickens, breeder chickens, ostriches, partridges, indigenous chickens, quails, pheasants, turkeys, ducks, geese, francolinus, see-see partridge, guineafowls, and bustards.

Greenhouse planting: It is the cultivation of temporary and permanent crops which is exercised in the greenhouses for economic utilization. Cultivation of agricultural products under temporal cover such as cultivation under plastic is not considered greenhouse planting.

Apiculture: It refers to a set of activities which is carried out for using honeybees and their products such as honey, queen bee, beeswax, royal gel, and venom. Pollen and propolis or bee glues that are collected by the honeybees are also other products in this activity.

Sericulture: It refers to a set of activities that are done to produce silk and silkworm cocoon.

Warmwater fish: They refer to a specific species of fish that are found in the water with the temperature of 14 to 35 centigrade. Different species of these kinds of fish are cultivated in artificial environments such as wetlands, water behind the dam, and pools such as carp fish (grass carp, silver carp).

Coldwater fish: They refer to a specific species of fish that are found in the water with a temperature of 6 to 19 centigrade. Different species of these kinds of fish including rainbow trout are cultivated in artificial environments such as pools and dams.

Fishing vessels: every vessel like boats, launches, and ships that are equipped and used for fishing after obtaining the required licenses.

Agricultural holder: This is a natural or legal person who individually or jointly exercises management over the agricultural holding. The holder has technical and economic responsibility for the holding as well as the direct role in its profit and loss.

Arable land: It refers to part of farmlands allocated to farming or cultivation of annual plants (irrigated or rainfed). In the arable land, no plants may be grown because of crop rotation or other reasons.

Irrigated arable land: It refers to farmlands in which the required water is supplied for growing crops through irrigation.

Rainfed arable land: It refers to farmlands in which the required water is supplied for growing crops through precipitation.

Area under cultivation: This refers to the area of farmlands that has been under cultivation for intended crop production in a crop year.

Crop year: It begins on the 1st day of the month of Mehr and lasts until the end of the month of Shahrivar in the next year.

Temporary crops (annual crops): They are agricultural plants that usually have herbaceous stems whose growth period is less than one year and are replanted for production in the next period. Plants such as alfalfa and sugarcane, whose underground part remains in the soil for several years after harvest and usually grows in the following year, are also included in this group.

Permanent crops: They are types of plants with woody stems or trunks which remain in the soil for several years after once planting. Only their growing and harvesting operation is repeated including fruit trees, tea plants, roses, and black poplar.

Modern irrigation and drainage network: It refers to a set of irrigation and drainage facilities that have the reliable facilities and capabilities water supply and water intake facilities from reservoir dam or diversion dam or pumping station and 1st and 2nd grade canal.

Dam: It is a structure that is built on the surface or underground to reserve water, change the direction of flow or manage it to meet different needs such as drinking, industry, agriculture, electricity generation, and control of floods against the flow of surface or underground water.

Production: It refers to the quantity of the products that are obtained through the production process during a given period of time in the agricultural production unit which is ready to be supplied for sale and consumption. In the statistical surveys of the Statistical Center of Iran, the share of agricultural crops which are produced free of charge, or the compensation of which is paid in kind or is consumed by the same agricultural production unit is included with the production.

For agricultural crops, production refers to the common form of the crop after harvest: for rice production, it is the weight of paddy, the weight of the dried seed is for beans, for alfalfa, sainfoin, and

clover, it refers to the weight of dried forage, the weight of products without external green skin but with dried shell for walnuts, almonds and pistachio, and the number of trees for fruitless trees as poplar.

Modern cattle farm: an agricultural holding where cattle are raised by using common and advanced methods of animal husbandry (in terms of keeping feeding method and principles of animal health) and has a capacity of at least twenty heads.

Workers: They include all people working inside or outside of the establishment, full-time or part-time, with or without wage and salary (owners, active partners, and unpaid family workers).

Investment of the establishment: It refers to the changes in the value of non-financial assets (total value of purchase or acquisition and expense of major repairs of non-financial assets minus sale or transfer value of these assets) during a definite period of time.

Non-financial assets of the establishment: They are all machinery, equipment and tools usually which are used in manufacturing activities or for rendering services with an economic life of more than one year. Machinery and power equipment, durable tools and implements, office equipment, vehicles and buildings are examples of such properties.

Cooperative: It refers to the company that is established and registered with at least 7 natural or non-governmental legal persons to meet common needs and improve socio-economic conditions of the members by their self-assistance and mutual aid according to the law of the cooperative sector to do one or several activities.

Water basin: see Chapter 1, Definitions and concepts.

Watershed lands: all parts of the river basin where running water resulted from precipitation leads to that river are called watershed lands.

Watershed management: This refers to all restoration and modification activities to improve water and soil resources containing biological, biomechanical and mechanical activities that are carried out in order to manage watershed resources, including natural, agricultural, economic and human areas.

Value-added: Value-added is the additional value created during the production.

Output: This refers to goods or services that are produced by an establishment excluding A) goods and services for which the establishment cannot

determine the volume of demands for products to be consumed in production as well as the sale volume of goods and services produced and price of their sale B) goods and services consumed in that establishment except for those used for capital formation (fixed and inventory) and own final use.

Intermediate consumption: This refers to the value of the goods and services consumed as inputs by a process of production or transformed, excluding fixed assets whose consumption is recorded as consumption of fixed capital;

Selected information

In the National Census of Agriculture conducted in the year 1393, a number of 4042811 holders were identified and listed nationwide in which no questionnaire was filled out for 10344 holders due to various reasons.

Based on the results of this Census, Nation's arable lands were about 16477 thousand hectares. These lands were used by 3359 thousand agricultural holdings and were under temporary crops and permanent crops; the share of each holding is on average about 4.9 hectares.

Out of the total nation's agricultural lands, 46.2% are irrigated lands with an average of 2.9 hectares for each holding and 53.8 % are rainfed lands with an average of 6.9 hectares for each holding.

A number of 22477 agricultural holdings with the area of 9856 hectares were involved in greenhouses.

In the year 1399, about 561 thousand agricultural holdings were raising cattle. The number of cattle in these holdings was about 5324 thousand head, of which 74.7 percent were female.

In the year 1401, the total volume of the aquatics caught from the northern and southern waters was over 750 thousand tons out of which, over 32 thousand tons were from the northern waters and over 718 thousand tons from the southern waters. Moreover, aquatic production was reported at over 601 thousand tons.

5.1. NUMBER OF LISTED AND ENUMERATED HOLDERS BY TYPE OF HOLDERS AND OSTAN, THE YEAR 1393 (holder)

Ostan	Total		Private settled household		Unsettled holder	
	Listed	Enumerated	Listed	Enumerated	Listed	Enumerated
Total country.....	4042811	4032467	3072521	3064102	945185	943260
East Azarbayejan	237196	236537	202048	201443	34791	34737
West Azarbayejan.....	200502	200038	156172	155807	44024	43925
Ardebil	112497	112401	86653	86565	25447	25439
Esfahan	172358	171711	131347	130757	40351	40294
Alborz	30281	30058	15316	15170	14747	14670
Ilam.....	53552	53529	33590	33579	19499	19487
Bushehr.....	39956	39803	28198	28052	11153	11146
Tehran.....	53097	52677	29726	29392	22908	22822
Chaharmahal & Bakhtiyari.....	66340	66002	57959	57670	7806	7757
South Khorasan.....	82845	82667	60033	59887	22578	22546
Khorasan-e-Razavi	338834	338089	270327	269640	67321	67263
North Khorasan.....	81605	81551	65733	65683	15477	15473
Khuzestan	165703	165298	132760	132534	30580	30401
Zanjan	83261	83027	70600	70368	12248	12246
Semnan	45412	45298	24320	24211	20777	20772
Sistan & Baluchestan.....	168873	168532	154609	154339	13747	13676
Fars	234478	233359	180852	179905	47350	47178
Qazvin.....	77360	77308	60551	60502	16322	16319
Qom	11830	11732	8178	8092	3574	3562
Kordestan.....	113606	113168	83256	83121	30238	29935
Kerman	251113	249817	159259	158054	90582	90491
Kermanshah	125369	125132	84415	84208	39197	39167
Kohgiluyeh & Boyerahmad.....	66631	66600	47929	47905	17780	17773
Golestan.....	124280	124191	104063	103986	19898	19886
Gilan	303894	303629	220010	219805	83458	83398
Lorestan	135157	135153	98575	98575	34977	34973
Mazandaran	322503	322100	243850	243540	78070	77977
Markazi.....	79735	79412	63262	63021	15877	15795
Hormozgan	70590	70091	65141	64836	5361	5167
Hamedan.....	117571	117349	98885	98721	18388	18330
Yazd.....	76382	76208	34904	34734	40659	40655

**5.1. NUMBER OF LISTED AND ENUMERATED HOLDERS BY TYPE OF HOLDERS AND OSTAN,
THE EAR 1393 (continued) (holder)**

Ostan	Private unsettled household		Registered company/public institution	
	Listed	Enumerated	Listed	Enumerated
Total country.....	16077	16077	9028	9028
East Azarbayejan.....	31	31	326	326
West Azarbayejan.....	9	9	297	297
Ardebil.....	262	262	135	135
Esfahan.....	74	74	586	586
Alborz.....	0	0	218	218
Ilam.....	391	391	72	72
Bushehr.....	544	544	61	61
Tehran.....	8	8	455	455
Chaharmahal & Bakhtiari.....	433	433	142	142
South Khorasan.....	8	8	226	226
Khorasan-e-Razavi.....	678	678	508	508
North Khorasan.....	260	260	135	135
Khuzestan.....	1713	1713	650	650
Zanjan.....	2	2	411	411
Semnan.....	0	0	315	315
Sistan & Baluchestan.....	357	357	160	160
Fars.....	5707	5707	569	569
Qazvin.....	0	0	487	487
Qom.....	2	2	76	76
Kordestan.....	8	8	104	104
Kerman.....	728	728	544	544
Kermanshah.....	1606	1606	151	151
Kohgiluyeh & Boyerahmad.....	792	792	130	130
Golestan.....	2	2	317	317
Gilan.....	99	99	327	327
Lorestan.....	1433	1433	172	172
Mazandaran.....	2	2	581	581
Markazi.....	328	328	268	268
Hormozgan.....	38	38	50	50
Hamedan.....	99	99	199	199
Yazd.....	463	463	356	356

Source: Statistical Center of Iran.

5.2. AGRICULTURAL HOLDINGS BY TYPE OF ACTIVITY AND OSTAN, THE YEAR 1393**(holding)**

Ostan	Holdings with temporary crops	Holdings with permanent crops	Greenhouse cultivation	Raising of large livestock	Raising of small livestock
Total country.....	2482380	1943203	13781	709105	1164159
East Azarbayejan	165395	127353	193	62060	66155
West Azarbayejan.....	142969	93199	78	63370	51696
Ardebil.....	86813	44388	36	32702	27374
Esfahan	103891	93283	1805	23914	36518
Alborz	5780	24817	375	1817	2540
Ilam.....	44669	9442	8	7236	15673
Bushehr.....	19794	17854	157	3380	12657
Tehran.....	18196	34163	1747	3936	6870
Chaharmahal & Bakhtiari	44344	28794	40	13205	17540
South Khorasan.....	42127	44588	184	8907	49777
Khorasan-e-Razavi	214998	127715	674	36215	140426
North Khorasan.....	56416	37893	81	12886	38625
Khuzestan.	111200	42969	138	52700	51439
Zanjan	56961	49359	87	19246	25246
Semnan	22529	27742	219	3699	15403
Sistan & Baluchestan.....	68732	67065	543	24621	124989
Fars	123612	100957	247	18849	65992
Qazvin.....	37812	55401	82	13788	14059
Qom	3418	6840	100	2097	3152
Kordestan.....	88316	51775	44	28933	31055
Kerman	86817	176943	1954	32812	81710
Kermanshah	102982	27786	75	18890	29319
Kohgiluyeh & Boyerahmad....	51571	26868	77	8467	20891
Golestan.....	88825	36563	61	31068	30878
Gilan.	219012	175100	385	73877	11296
Lorestan	116951	32291	125	24577	36147
Mazandaran	189699	182786	1494	34606	29913
Markazi.....	45286	50653	532	16765	24474
Hormozgan	14251	27454	149	11933	46554
Hamedan.....	82412	59206	120	19912	36680
Yazd.....	26601	61959	1973	2641	19116

5.2. AGRICULTURAL HOLDINGS BY TYPE OF ACTIVITY AND OSTAN, THE YEAR 1393**(continued)****(holding)**

Ostan	Apiculture	Sericulture	Raising of poultry via traditional method	Pisciculture
Total country.....	52192	8644	1220768	13253
East Azarbayejan.....	6966	186	79286	290
West Azarbayejan.....	3752	0	65991	146
Ardebil.....	2578	0	56989	107
Esfahan.....	2582	22	34752	296
Alborz.....	599	0	3163	63
Ilam.....	736	0	15566	44
Bushehr.....	152	0	8543	1
Tehran.....	646	1	7164	181
Chaharmahal & Bakhtiari.....	1010	0	20992	297
South Khorasan.....	231	19	24043	156
Khorasan-e-Razavi.....	1433	1631	80313	352
North Khorasan.....	612	382	22787	68
Khuzestan.....	970	2	57901	784
Zanjan.....	2254	7	27844	255
Semnan.....	623	3	9719	189
Sistan & Baluchestan.....	96	0	32924	517
Fars.....	3898	13	64264	137
Qazvin.....	1210	0	13002	123
Qom.....	75	0	2874	59
Kordestan.....	3407	0	30768	171
Kerman.....	1967	6	43389	135
Kermanshah.....	1204	3	33075	108
Kohgiluyeh & Boyerahmad.....	1741	0	27517	136
Golestan.....	2352	1678	35494	262
Gilan.....	3648	3723	161350	5886
Lorestan.....	1212	0	49623	234
Mazandaran.....	3520	965	138481	1875
Markazi.....	890	0	19312	144
Hormozgan.....	31	0	7056	21
Hamedan.....	1483	0	31886	93
Yazd.....	313	5	14704	126

Source: Statistical Center of Iran.

5.3. NUMBER OF HOLDINGS AND AREA OF HOLDINGS WITH CROPLAND BY OSTAN, THE YEAR 1393 (holding -ha)

Ostan	Total		Arable land		Orchard and nurseries	
	Number ⁽¹⁾	Area	Number ⁽¹⁾	Area	Number ⁽¹⁾	Area
Total country.....	3359409	16476609	2470140	14687053	1704193	1789555
East Azarbayejan.....	212926	1198697	162897	1102905	115519	95792
West Azarbayejan.....	174523	821728	139546	716924	84805	104804
Ardebil.....	94976	702020	86655	670871	29042	31149
Esfahan.....	148472	382467	103713	311430	86341	71037
Alborz.....	27531	50227	5634	35569	24631	14658
Ilam.....	46315	264619	44647	259695	5294	4924
Bushehr.....	30998	308478	19791	284843	16069	23635
Tehran.....	46069	182120	18145	148887	33531	33233
Chaharmahal & Bakhtiari.....	56691	182112	44327	156505	27160	25606
South Khorasan.....	60066	189739	41940	154596	40196	35143
Khorasan-e-Razavi.....	266853	1460111	214715	1332525	121589	127586
North Khorasan.....	67372	393089	56279	365919	34618	27170
Khuzestan.....	125411	1324872	110774	1286277	26555	38595
Zanjan.....	73704	816830	56175	769883	46794	46947
Semnan.....	38063	181966	22412	147143	25580	34823
Sistan & Baluchestan.....	104405	338378	68674	280192	59892	58186
Fars.....	180008	987467	123587	827617	89487	159850
Qazvin.....	69458	370285	37790	313463	55253	56822
Qom.....	8346	52946	3412	43053	6822	9893
Kordestan.....	102683	1051881	88292	1023193	46040	28688
Kerman.....	211043	757509	86280	412038	173615	345471
Kermanshah.....	112703	681859	102979	663308	25212	18551
Kohgiluyeh & Boyerahmad.....	58295	217377	51352	197059	20502	20317
Golestan.....	95330	575642	88756	556028	15508	19614
Gilan.....	268554	209765	218515	149356	103221	60409
Lorestan.....	121687	783445	116944	758794	28438	24650
Mazandaran.....	285986	333410	187758	242563	171735	90847
Markazi.....	67142	552558	45201	507392	48160	45166
Hormozgan.....	33333	118060	14241	84016	24077	34045
Hamedan.....	103228	872174	82376	841940	56980	30235
Yazd.....	67239	114778	26333	43068	61528	71710

1. A holding can have both arable lands under cultivation and fallow lands. By considering this fact, the total number of holdings is equal to or less than the total number of holdings with arable land under cultivation and the number of fallow lands.

Source: Statistical Center of Iran.

**5.4. NUMBER AND AREA OF HOLDINGS WITH CROPLAND DISAGGRIGATED BY
IRRIGATION AND RAINFED CULTIVATION AND BY OSTAN, THE YEAR 1393 (holding-ha)**

Ostan	Total					
	Holdings ⁽¹⁾			Area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total.....	3359409	2668979	1291737	16476609	7619219	8857390
East Azarbayejan	212926	165395	110713	1198697	300124	898573
West Azarbayejan.....	174523	141808	74686	821728	350365	471364
Ardebil	94976	60394	60898	702020	216432	485588
Esfahan	148472	146874	10274	382467	329740	52727
Alborz	27531	27412	363	50227	48400	1827
Ilam.....	46315	16093	38358	264619	75707	188912
Bushehr.....	30998	18317	15394	308478	76183	232295
Tehran.....	46069	45708	1782	182120	173176	8944
Chaharmahal & Bakhtiari	56691	44059	29690	182112	98193	83919
South Khorasan.....	60066	57992	9358	189739	157702	32036
Khorasan-e-Razavi	266853	230592	78274	1460111	802342	657769
North Khorasan.....	67372	49789	38476	393089	168500	224588
Khuzestan	125411	83721	51153	1324872	796418	528454
Zanjan	73704	60831	43278	816830	154181	662649
Semnan	38063	35490	3354	181966	159149	22817
Sistan & Baluchestan	104405	96111	9598	338378	276880	61498
Fars	180008	145676	52322	987467	696887	290581
Qazvin.....	69458	64760	18197	370285	207039	163247
Qom	8346	8321	202	52946	52107	839
Kordestan.....	102683	61607	81010	1051881	118217	933664
Kerman	211043	210388	4071	757509	746094	11415
Kermanshah	112703	50558	89171	681859	150341	531518
Kohgiluyeh & Boyerahmad	58295	33763	40251	217377	55592	161784
Golestan.....	95330	44488	61621	575642	188891	386751
Gilan	268554	221364	115381	209765	147963	61802
Lorestan	121687	63114	97990	783445	185367	598078
Mazandaran	285986	248319	66229	333410	226733	106678
Markazi.....	67142	59989	25474	552558	216171	336387
Hormozgan	33333	29490	4580	118060	106994	11067
Hamedan	103228	79333	59538	872174	222607	649567
Yazd	67239	67228	52	114778	114724	54

5.4. NUMBER AND AREA OF HOLDINGS WITH CROPLAND DISAGGRIGATED BY IRRIGATION AND RAINFED CULTIVATION AND BY OSTAN, THE YEAR 1393

(continued)

(holding-ha)

Ostan	Arable land					
	Holdings ⁽¹⁾			Area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	2470140	1687204	1173376	14687053	5996635	8690419
East Azarbayejan	162897	89420	109864	1102905	207458	895447
West Azarbayejan.....	139546	95191	71687	716924	252791	464133
Ardebil	86655	43423	60744	670871	185652	485218
Esfahan	103713	100756	10067	311430	259842	51588
Alborz	5634	5444	333	35569	33755	1814
Ilam.....	44647	12217	38305	259695	70905	188790
Bushehr.....	19791	6579	14379	284843	54628	230215
Tehran.....	18145	17349	1724	148887	140001	8886
Chaharmahal & Bakhtiyari	44327	28504	29562	156505	72847	83659
South Khorasan.....	41940	37376	8300	154596	124862	29733
Khorasan-e-Razavi	214715	172742	72980	1332525	701209	631316
North Khorasan.....	56279	31440	37002	365919	147412	218507
Khuzestan	110774	66307	51076	1286277	759090	527187
Zanjan	56175	33675	42816	769883	107704	662179
Semnan	22412	19719	3317	147143	124359	22784
Sistan & Baluchestan.....	68674	60559	8624	280192	219936	60256
Fars	123587	94936	39759	827617	571772	255845
Qazvin.....	37790	26997	16792	313463	151304	162159
Qom	3412	3311	193	43053	42219	834
Kordestan.....	88292	39404	76910	1023193	95219	927974
Kerman	86280	85149	3346	412038	402390	9647
Kermanshah	102979	33861	88174	663308	132866	530442
Kohgiluyeh & Boyerahmad.....	51352	22163	39974	197059	36899	160160
Golestan.....	88756	37830	59418	556028	174492	381537
Gilan	218515	200108	60608	149356	129163	20192
Lorestan	116944	47544	97744	758794	161603	597191
Mazandaran	187758	160956	43821	242563	151492	91072
Markazi.....	45201	32187	25149	507392	171709	335683
Hormozgan	14241	12596	1779	84016	75981	8035
Hamedan.....	82376	43130	58928	841940	194008	647931
Yazd.....	26333	26331	4	43068	43065	3

5.4. NUMBER AND AREA OF HOLDINGS WITH CROPLAND DISAGGRIGATED BY IRRIGATION AND RAINFED CULTIVATION AND BY OSTAN, THE YEAR 1393

(continued)

(holding-ha)

Ostan	Orchard and nurseries					
	Holdings ⁽¹⁾			Area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	1704193	1550539	177084	1789555	1622584	166971
East Azarbayejan	115519	114227	2294	95792	92666	3126
West Azarbayejan	84805	81005	6215	104804	97573	7231
Ardebil	29042	28488	574	31149	30780	370
Esfahan	86341	86053	510	71037	69899	1138
Alborz	24631	24604	31	14658	14645	12
Ilam	5294	5175	127	4924	4802	122
Bushehr	16069	13347	2759	23635	21555	2080
Tehran	33531	33498	60	33233	33175	58
Chaharmahal & Bakhtiyari	27160	27000	234	25606	25346	260
South Khorasan	40196	39491	1716	35143	32840	2303
Khorasan-e-Razavi	121589	115345	9491	127586	101133	26453
North Khorasan	34618	31202	4660	27170	21089	6082
Khuzestan	26555	26284	282	38595	37328	1267
Zanjan	46794	45664	1788	46947	46477	470
Semnan	25580	25518	66	34823	34790	33
Sistan & Baluchestan	59892	58918	1141	58186	56944	1242
Fars	89487	76085	15675	159850	125115	34735
Qazvin	55253	53860	2474	56822	55735	1088
Qom	6822	6813	9	9893	9888	5
Kordestan	46040	38192	12951	28688	22997	5690
Kerman	173615	173195	822	345471	343704	1767
Kermanshah	25212	24367	1616	18551	17475	1076
Kohgiluyeh & Boyerahmad	20502	19907	891	20317	18693	1624
Golestan	15508	10694	4878	19614	14399	5214
Gilan	103221	35630	69255	60409	18800	41610
Lorestan	28438	27703	762	24650	23764	887
Mazandaran	171735	143678	28566	90847	75241	15606
Markazi	48160	47287	1301	45166	44462	704
Hormozgan	24077	20950	3207	34045	31013	3032
Hamedan	56980	54848	2681	30235	28599	1636
Yazd	61528	61511	48	71710	71659	51

1. A holding can have both arable lands under cultivation and fallow lands. By considering this fact, the total number of holdings is equal to or less than the total number of holdings with arable land under cultivation and the number of fallow lands.

Source: Statistical Center of Iran.

5.5. NUMBER AND AREA OF HOLDINGS WITH ARABLE LANDS BY OSTAN (holding-ha)

Year and Ostan	Total		Under cultivation		Fallow	
	Number ⁽¹⁾	Area	Number ⁽¹⁾	Area	Number ⁽¹⁾	Area
1382	2790885	16197169	2639486	11647027	998312	4550142
1393	2470140	14687053	2332771	11117807	654125	3569246
1397	2369143	15580741	2245231	11069229	880976	4511512
1400.....	2164136	15698655	2077540	11594137	820575	4104517
East Azarbayejan	147311	1238914	139822	820255	89097	418659
West Azarbayejan.....	125983	672731	121373	557997	33154	114734
Ardebil	85654	804898	81235	605973	41149	198925
Esfahan	85316	359729	72817	199913	58851	159816
Alborz	3884	47106	3884	38360	634	8745
Ilam.....	41821	279324	40955	216960	14551	62364
Bushehr.....	17115	287301	15124	223965	5323	63336
Tehran.....	14512	118273	13420	104245	3430	14028
Chaharmahal & Bakhtiari.....	31867	173775	31436	153156	6258	20620
South Khorasan.....	37377	136659	36411	69056	32236	67603
Khorasan-e-Razavi	197184	1622080	195835	1054630	124509	567449
North Khorasan.....	53528	432584	51400	308826	23774	123759
Khuzestan	96853	1437223	92084	1247571	14085	189652
Zanjan	54807	851678	53836	559367	33720	292311
Semnan	21556	133195	20430	91022	10633	42172
Sistan & Baluchestan.....	62735	222014	52096	117529	41297	104486
Fars	96642	828110	92648	558117	41625	269994
Qazvin.....	34923	470094	32300	318752	22988	151342
Qom	2933	30849	2890	22565	1472	8284
Kordestan.....	75341	977480	71449	669858	36015	307622
Kerman	74418	424778	74418	312025	38860	112753
Kermanshah.....	92609	654269	90345	602763	13204	51506
Kohgiluyeh & Boyerahmad.....	46693	190768	45019	154515	12611	36254
Golestan.....	67249	514530	66660	497562	1270	16968
Gilan	177606	146310	176941	144220	4736	2091
Lorestan	113327	704821	107203	611474	24666	93347
Mazandaran	165779	241582	165523	235244	3010	6337
Markazi.....	40291	573316	36759	342214	32654	231102
Hormozgan	12906	96573	10878	69468	4516	27106
Hamedan.....	67696	991580	66665	671182	37897	320399
Yazd.....	18219	36109	15684	15355	12348	20754

1. A holding can have both arable lands under cultivation and fallow lands. By considering this fact, the total number of holdings is equal to or less than the total number of holdings with arable lands under cultivation and the number of fallow lands.

Source: Statistical Center of Iran.

5.6. NUMBER OF HOLDINGS, AREA OF CULTIVATION, AND PRODUCTION OF TEMPORARY CROPS BY PRODUCT (holding-ha)

Year and crop	Total			Irrigated		Rainfed	
	Number ⁽¹⁾	Area of cultivation	Production	Area of cultivation	Production	Area of cultivation	Production
1382	2821560	12001073	39584214	5432778	33711099	6568295	5873115
1393	2482380	11588923	-	5214238	-	6374685	-
1397	2248129	11431940	63874497	4851048	56290280	6580893	7584217
1400	4361722	12007242	57451476	5158790	52678639	6848453	4772837
Beans (dry)	81479	92273	167505	85577	162984	6696	4521
Peas (dry)	170887	452372	172921	21445	12713	430926	160208
Rice (paddy)	397958	494430	1820368	494430	1820368	0	0
Cotton (seed cotton) ..	31058	55200	139563	51241	136467	3959	3096
Onion	94138	63311	2365544	62474	2363139	837	2406
Barely	743925	2202878	2940660	684522	1947455	1518355	993205
Sugar beet	39521	96944	5435172	96944	5435172	0	0
Melon, honeydew cantaloupe, wild muskmelon	25139	36080	752897	34105	749103	1975	3794
Cucumber	115670	21667	571441	21164	570455	502	986
Sorghum	67802	183274	7510530	180045	7500089	3229	10441
Grain corn	16134	68679	437879	68514	437212	165	667
Saffron ⁽¹⁾	118506	79636	281227	79304	280984	332	243
Potato	88592	109017	3214971	107860	3189710	1157	25261
Colza	24934	124517	237806	98556	202616	25961	35189
Wheat	1257054	6680866	10416185	2004239	7077047	4676627	3339137
Tomato	168005	82603	3615887	82359	3614245	244	1642
Sugarcane	9	78325	7840012	78325	7840012	0	0
Watermelon	29222	61876	1410517	58798	1391880	3079	18637
Carrot, radish, and turnip	57831	11346	303623	11305	303277	40	346
Alfalfa	419822	567658	4722520	535466	4663792	32192	58729
Other vegetables	192474	119316	2534591	114193	2502358	5123	32234
Others	221562	324976	559655	187922	477559	137054	82096

1. Saffron production is in Kg.

Source: Statistical Center of Iran.

5.7. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF WHEAT BY OSTAN (holding-ha-ton)

Year and Ostan	Total			Irrigated		
	Number ⁽¹⁾	Cultivation area	Production	Number ⁽¹⁾	Cultivation area	Production
1382	1660970	6941286	11676252	957585	2427916	7511968
1393	1330467	6475643	-	642205	2068972	-
1397	1311282	6526587	12704746	642988	1975411	7010441
1400	1257054	6680866	10416185	612585⁽²⁾	2004239⁽²⁾	7077047⁽²⁾
East Azarbayejan	114964	484792	676271	34155	71168	226353
West Azarbayejan.....	78364	319113	438889	37866	78569	238097
Ardebil	57696	238462	398272	18008	65341	265330
Esfahan	46785	84786	201298	42802	42240	167945
Alborz	1638	12985	54482	1503	12243	53307
Ilam.....	28463	131732	170454	4995	33675	106022
Bushehr.....	11327	171390	82869	1152	11563	38689
Tehran.....	8102	56619	236255	7641	50042	230011
Chaharmahal & Bakhtiari	25846	86421	137765	12896	25210	88152
South Khorasan.....	22593	28875	51461	17916	18762	50446
Khorasan-e-Razavi	136726	623214	576096	90839	164527	520714
North Khorasan.....	40271	177002	240252	18418	51417	182497
Khuzestan	76449	921069	2120375	48724	551783	1874767
Zanjan	40447	413419	319526	10608	24491	86264
Semnan	11287	38015	105012	9353	22569	84002
Sistan & Baluchestan.....	31035	51876	113604	30246	50794	112555
Fars	54922	261781	724380	41003	170767	669722
Qazvin.....	24662	181523	304585	13490	58387	225748
Kordestan.....	440	2213	8663	440	2213	8663
Kerman	59514	533424	308824	9005	21333	74432
Kermanshah	35862	121646	469515	35811	121596	469317
Kohgiluyeh & Boyerahmad.....	65194	305010	505017	24592	75747	299610
Golestan.....	35179	99031	119896	8339	20291	68560
Mazandaran	52221	297468	649981	17104	89847	298091
Markazi.....	3256	4434	4134	361	194	546
Hormozgan	77917	306176	477207	31604	77563	259782
Hamedan.....	25629	65042	195956	×	×	×
Yazd	30986	254115	231739	17706	34778	125407
Others.....	1546	8217	31958	1410	7891	31259

5.7. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF WHEAT BY OSTAN (continued) (holding-ha-ton)

Year and Ostan	Rainfed		
	Number ⁽¹⁾	Cultivation area	Production
1382	915574	4513370	4164284
1393	787069	4406672	-
1397	800585	4551176	5694305
1400	783029	4676627	3339137
East Azarbayejan	94191	413624	449918
West Azarbayejan.....	50730	240544	200792
Ardebil	42675	173120	132942
Esfahan	8107	42546	33352
Alborz	188	742	1176
Ilam	25489	98057	64432
Bushehr	10530	159826	44179
Tehran.....	550	6577	6244
Chaharmahal & Bakhtiari	20412	61211	49613
South Khorasan.....	6273	10112	1015
Khorasan-e-Razavi	69154	458687	55382
North Khorasan.....	27115	125585	57755
Khuzestan	32806	369286	245607
Zanjan	36215	388928	233262
Semnan	2277	15446	21011
Sistan & Baluchestan	835	1082	1049
Fars	18405	91015	54657
Qazvin.....	13375	123136	78836
Kordestan.....	0	0	0
Kerman	57242	512091	234392
Kermanshah	50	49	198
Kohgiluyeh & Boyerahmad.....	49916	229262	205406
Golestan	28573	78740	51336
Mazandaran	37248	207620	351891
Markazi	2924	4240	3588
Hormozgan	61779	228613	217425
Hamedan.....	25627	65041	195954
Yazd	21437	219337	106331
Others.....	136	326	699

1. A holding can have both irrigated and rainfed lands. By considering this fact, the total number of holdings is equal to or less than the number of holdings with irrigated lands and the number of rainfed lands.

2. Excluding the statistics for Mazandaran.

Source: Statistical Center of Iran

5.8. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF BARELY BY OSTAN (holding-ha-ton)

Year and Ostan	Total			Irrigated		
	Number ⁽¹⁾	Cultivation area	Production	Number ⁽¹⁾	Cultivation area	Production
1382	860964	1817572	2631691	447891	606165	1624515
1393	716236	2070292	-	329600	655179	-
1397	678868	1765538	2746678	325961	545323	1470132
1400.....	743925	2202878	2940660	363549	684522	1947455
East Azarbayegan.....	76628	143284	187954	22053	29922	63136
West Azarbayegan.....	18555	49916	65936	6877	12290	36665
Ardebil.....	45154	182275	204434	12149	37280	99852
Esfahan	35525	51835	185683	33192	42351	175916
Alborz	1891	10907	30937	1778	9805	30223
Ilam.....	22781	76180	51002	51	245	513
Bushehr.....	5152	28311	13340	494	1988	5407
Tehran.....	3377	16094	52659	3318	14853	50701
Chaharmahal & Bakhtiyari.....	21262	46642	49919	4401	6737	18070
South Khorasan.....	23418	22704	47488	21787	19924	47124
Khorasan-e-Razavi	96751	243126	354265	80112	127546	333291
North Khorasan.....	24005	70309	86854	12575	26687	68991
Khuzestan	29435	129659	125499	6621	32142	77966
Zanjan.....	16187	49115	56920	6870	11203	34474
Semnan	9897	26107	65202	7495	18016	56173
Sistan & Baluchestan.....	25396	19466	42913	23398	18750	41378
Fars	43068	169707	160460	23682	56135	117083
Qazvin.....	17047	70697	153963	10905	35160	127814
Kordestan.....	2422	14884	46697	2405	14566	46262
Kerman	10956	17846	15749	3077	3857	9080
Kermanshah.....	23077	46500	173577	22983	46187	172884
Kohgiluyeh & Boyerahmad.....	34807	113626	108576	6264	15189	40307
Golestan.....	19149	37466	26262	2998	3380	7809
Lorestan.....	14358	126985	70195	2519	8932	19491
Mazandaran	56261	192628	214191	10867	19188	52050
Markazi.....	8575	17770	34509	923	1527	3273
Hormozgan	15215	43694	75648	12667	22250	65864
Hamedan.....	35570	173832	217794	15477	44362	132316
Others	8005	11313	22032	5610	4049	13341

5.8. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF BARELY BY OSTAN (continued) (holding-ha-ton)

Year and Ostan	Rainfed		
	Number ⁽¹⁾	Cultivation area	Production
1382	453163	1211407	1007176
1393	413597	1415113	-
1397	388884	1220215	1276546
1400	429172	1518355	993205
East Azarbayejan	58815	113363	124818
West Azarbayejan.....	12790	37626	29271
Ardebil.....	35777	144995	104582
Esfahan	3544	9484	9767
Alborz.....	196	1103	713
Ilam.....	22730	75936	50489
Bushehr.....	4703	26323	7933
Tehran.....	269	1241	1958
Chaharmahal & Bakhtiari.....	18696	39905	31849
South Khorasan.....	2208	2780	365
Khorasan-e-Razavi	26113	115579	20975
North Khorasan.....	13383	43622	17863
Khuzestan	22892	97517	47533
Zanjan	11022	37911	22446
Semnan	2451	8092	9029
Sistan & Baluchestan.....	1997	717	1535
Fars	21652	113572	43377
Qazvin.....	7630	35537	26149
Kordestan.....	25	317	435
Kerman	8299	13988	6670
Kermanshah.....	94	313	692
Kohgiluyeh & Boyerahmad.....	30981	98437	68269
Golestan.....	16932	34086	18454
Lorestan	12440	118053	50705
Mazandaran	52384	173440	162140
Markazi.....	7651	16242	31235
Hormozgan	4698	21444	9784
Hamedan.....	26141	129470	85477
Others	2656	7263	8691

1. A holding can have both irrigated and rainfed lands. By considering this fact, the total number of holdings is equal to or less than the total number of holdings with irrigated lands and the number of rainfed lands.

Source: Statistical Center of Iran.

5.9. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF RICE (PADDY) ⁽¹⁾ (holding-ha-ton)

Year and Ostan	Total		
	Holdings	Cultivation area	Production
1382	517272	465453	1819990
1393	420441	383013	-
1397	430180	396877	1956281
1400.....	397958	494430	1820368
East Azarbayejan	5359	10791	34614
Khuzestan	6080	3657	13408
Zanjan	19027	107785	348988
Fars	4265	5818	18312
Kohgiluyeh & Boyerahmad.....	12688	25114	112490
Golestan.....	9335	20412	92912
Gilan	166855	127579	419763
Lorestan	6733	10918	32941
Mazandaran	140857	162431	673607
Other	26758	19924	73334

1. Rice (paddy) is cultivated only through irrigation.

Source: Statistical Centre of Iran.

5.10. NUMBER OF GREENHOUSES, HALLS AND AREA BY OSTAN, THE YEAR 1399

Ostan	Greenhouses	Halls	Area (hectare)
Total country	22477	87822	9856
East Azarbayejan	539	1670	239
West Azarbayejan.....	166	461	42
Ardebil	57	187	42
Esfahan	2779	8191	1574
Alborz	487	1869	189
Ilam.....	12	58	10
Bushehr.....	237	3145	114
Tehran.....	2574	24874	2038
Chaharmahal & Bakhtiari	93	487	31
South Khorasan.....	373	787	68
Khorasan-e-Razavi	1733	5272	301
North Khorasan.....	229	465	44
Khuzestan	226	786	110
Zanjan	154	355	30
Semnan	364	1438	114
Sistan & Baluchestan	920	4193	262
Fars	839	2963	302
Qazvin.....	112	409	68
Qom	151	579	59
Kordestan.....	89	109	22
Kerman	3173	8626	1928
Kermanshah	96	331	33
Kohgiluyeh & Boyerahmad	92	250	39
Golestan.....	212	745	51
Gilan	359	980	44
Lorestan	190	295	55
Mazandaran	2279	5548	301
Markazi.....	1271	4034	468
Hormozgan.....	240	805	228
Hamedan	290	2136	109
Yazd	2141	5774	942

Source: Statistical Center of Iran.

5.11. NUMBER OF HOLDINGS FARMING MUSHROOMS, HALLS AND AREA BY OSTAN

Ostan	Number of mushrooms	Production ⁽¹⁾ (ton)
1380	194	6997
1385	534	18863
1391	1033	57932
1396	1613	62957
1400	1947	106143
East Azarbayejan	45	1699
West Azarbayejan.....	19	1544
Ardebil	39	1529
Esfahan	156	9468
Alborz	35	19333
Ilam.....	000	000
Bushehr.....	42	310
Tehran.....	99	21974
Chaharmahal & Bakhtiari.....	70	2777
South Khorasan.....	38	494
Khorasan-e-Razavi	86	7365
North Khorasan.....	11	304
Khuzestan	35	6009
Zanjan	38	657
Semnan	31	922
Sistan & Baluchestan	000	000
Fars	204	6122
Qazvin.....	57	7700
Qom	7	859
Kordestan.....	33	3119
Kerman	52	946
Kermanshah.....	23	1308
Kohgiluyeh & Boyerahmad	12	374
Golestan.....	190	1140
Gilan	49	768
Lorestan	48	456
Mazandaran	313	3774
Markazi.....	42	2205
Hormozgan	35	61
Hamedan	121	2522
Yazd	17	404

1. Referring to the production of holdings which farm mushrooms for the year prior to the year of survey.

Source: Statistical Center of Iran.

**5.12. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE
ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1399 (holding-head)**

Ostan	Holdings	Number of cattle & calves			Holdings	Number of sheep & lambs		
		Total	Female	Male		Total	Female	Male
Total country.....	560802	5323974	3974891	1349083	814902	46587010	39062312	7524697
East Azarbayejan	57149	526622	408072	118550	50104	3132407	2609690	522716
West Azarbayejan.....	61993	412166	333266	78899	42661	3274987	2858251	416736
Ardebil	27368	270062	215725	54337	22580	1719192	1473407	245785
Esfahan	20996	243772	190734	53038	39962	2294864	1860234	434630
Alborz	1028	73744	57479	16265	2490	282993	245829	37164
Ilam.....	3418	15803	12906	2897	12144	860720	793457	67263
Bushehr.....	3333	24764	14206	10557	4358	202821	172407	30414
Tehran.....	3044	359083	193454	165628	5626	861324	677803	183522
Chaharmahal & Bakhtiari	10607	55534	44182	11352	12400	978103	867378	110725
South Khorasan.....	5856	28769	22266	6503	45132	964308	677751	286557
Khorasan-e-Razavi	18996	272302	210517	61785	105182	5671391	4723301	948090
North Khorasan.....	9655	51871	39934	11937	28945	1467853	1232739	235113
Khuzestan	40206	351103	263638	87464	34651	2541720	2207135	334586
Zanjan	16347	105029	82494	22535	21708	1134401	962388	172012
Semnan	2572	61793	46277	15516	13314	1314076	1111480	202596
Sistan & Baluchestan ..	14431	80955	58483	22473	41913	1248430	1007605	240824
Fars	11357	228077	165593	62483	35057	2582124	2166882	415242
Qazvin.....	10383	182038	105908	76131	12642	1054664	905501	149163
Qom	1565	72243	21107	51136	3174	420944	330430	90514
Kordestan.....	23994	114746	95207	19540	25908	1106873	951160	155714
Kerman	23588	157356	114350	43006	49885	2081595	1637845	443751
Kermanshah	15535	91216	66867	24349	23473	1259011	1076125	182886
Kohgiluyeh & Boyerahmad	7252	28884	23627	5257	7456	352681	319562	33119
Golestan.....	24838	204581	182019	22563	23150	1274929	1161944	112985
Gilan	60770	407152	326842	80310	9493	462381	395451	66930
Lorestan	20609	167643	135088	32555	31570	2804030	2443569	360462
Mazandaran.....	30940	434923	350918	84006	24065	1181170	995118	186052
Markazi.....	12292	102148	42124	60024	26299	1756273	1451604	304669
Hormozgan	4721	18677	15005	3672	19173	254458	198229	56229
Hamedan	14140	115231	84298	30933	30595	1726482	1289694	436788
Yazd	1818	65687	52305	13382	9792	319805	258343	61462

5.12. NUMBER OF HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1399 (continued) (holding-head)

Ostan	Holdings	Number of goats & kids		
		Total	Female	Male
Total country.....	697907	16663721	13536777	3126944
East Azarbayejan.....	31480	465827	396437	69390
West Azarbayejan.....	24863	399965	362769	37196
Ardebil.....	16013	300948	257178	43770
Esfahan.....	27607	758791	599628	159163
Alborz.....	1126	31330	26753	4577
Ilam.....	9979	281787	252889	28898
Bushehr.....	9114	366553	304996	61557
Tehran.....	3270	85886	65070	20816
Chaharmahal & Bakhtiari.....	10486	341858	301047	40811
South Khorasan.....	39220	631317	461609	169709
Khorasan-e-Razavi.....	69435	729945	598359	131586
North Khorasan.....	17309	338300	282646	55654
Khuzestan.....	36585	1378066	1170418	207648
Zanjan.....	15051	175087	145471	29617
Semnan.....	10768	455167	374140	81027
Sistan & Baluchestan.....	101168	1821123	1420283	400839
Fars.....	45270	2445102	1986165	458938
Qazvin.....	6058	119297	92275	27022
Qom.....	2716	105009	74230	30779
Kordestan.....	16119	186685	159721	26965
Kerman.....	55098	1982255	1516587	465669
Kermanshah.....	16656	240781	198747	42034
Kohgiluyeh & Boyerahmad.....	14774	703903	623840	80063
Golestan.....	11806	248101	223016	25084
Gilan.....	3742	92487	71083	21403
Lorestan.....	23511	647707	543032	104676
Mazandaran.....	5677	145225	116553	28673
Markazi.....	12858	244086	192767	51320
Hormozgan.....	36676	565027	427766	137261
Hamedan.....	12856	117759	90157	27602
Yazd.....	10614	258344	201147	57197

Source: Statistical Center of Iran.

5.13. NUMBER OF HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON ENUMERATION DAY BY OSTAN (holding-head)

Year and Ostan	Sheep & lambs		Goats & kids		Cattle & calves	
	Holdings	Livestock	Holdings	Livestock	Holdings	Livestock
1384.....	1218797	53800136	1156009	25530649	1321531	7609358
1387.....	1105727	49976138	1087932	22333547	1210741	7088984
1390.....	1277798	50214617	1129427	22094251	1096303	6075772
1393.....	874434	44731757	715307	15918259	651332	4572681
1396.....	801935	40029687	712962	15711084	619667	4879363
1399.....	814902	46587010	697907	16663721	560802	5323974
East Azarbayejan.....	50104	3132407	31480	465827	57149	526622
West Azarbayejan	42661	3274987	24863	399965	61993	412166
Ardebil.....	22580	1719192	16013	300948	27368	270062
Esfahan.....	39962	2294864	27607	758791	20996	243772
Alborz.....	2490	282993	1126	31330	1028	73744
Ilam	12144	860720	9979	281787	3418	15803
Bushehr	4358	202821	9114	366553	3333	24764
Tehran	5626	861324	3270	85886	3044	359083
Chaharmahal & Bakhtiyari.....	12400	978103	10486	341858	10607	55534
South Khorasan	45132	964308	39220	631317	5856	28769
Khorasan-e-Razavi.....	105182	5671391	69435	729945	18996	272302
North Khorasan	28945	1467853	17309	338300	9655	51871
Khuzestan.....	34651	2541720	36585	1378066	40206	351103
Zanjan.....	21708	1134401	15051	175087	16347	105029
Semnan.....	13314	1314076	10768	455167	2572	61793
Sistan & Baluchestan	41913	1248430	101168	1821123	14431	80955
Fars.....	35057	2582124	45270	2445102	11357	228077
Qazvin	12642	1054664	6058	119297	10383	182038
Qom.....	3174	420944	2716	105009	1565	72243
Kordestan	25908	1106873	16119	186685	23994	114746
Kerman.....	49885	2081595	55098	1982255	23588	157356
Kermanshah.....	23473	1259011	16656	240781	15535	91216
Kohgiluyeh & Boyerahmad	7456	352681	14774	703903	7252	28884
Golestan.....	23150	1274929	11806	248101	24838	204581
Gilan.....	9493	462381	3742	92487	60770	407152
Lorestan.....	31570	2804030	23511	647707	20609	167643
Mazandaran	24065	1181170	5677	145225	30940	434923
Markazi	26299	1756273	12858	244086	12292	102148
Hormozgan.....	19173	254458	36676	565027	4721	18677
Hamedan	30595	1726482	12856	117759	14140	115231
Yazd	9792	319805	10614	258344	1818	65687

Source: Statistical Center of Iran.

5.14. HOLDINGS WITH LIVESTOCK MILKED, BY NUMBER OF LIVESTOCK, AND MILK PRODUCTION OF EACH TYPE OF LIVESTOCK AND OSTAN (holding-head-ton)

Year and Ostan	Total milk production	Sheep			Goat		
		Holdings	Sheep milked	Milk production	Holdings	Goats milked	Milk production
1384	7248467	751932	16942306	543935	830472	8982559	410056
1387	6679890	540037	11573720	444004	662234	5872081	270157
1390	6600895	632708	13910897	459843	583378	5868738	205059
1393	6328064 ⁽¹⁾	476806	10585469	380551	463192	4449174	200134
1396	7572825	474615	12846569	449718	528379	6080868	311625
1399	8236026	378836	11371807	376202	492167	7048013	350831
East Azarbayejan	832178	45586	1818776	81613	28443	259130	19226
West Azarbayejan.....	406141	32719	1308691	41727	19931	178159	10692
Ardebil	273639	19225	886612	42878	13719	165703	15834
Esfahan	602304	3934	88398	2247	19274	306822	14461
Alborz	195919	1590	88747	4798	829	11305	690
Ilam.....	33074	6390	311723	6949	6930	114998	3584
Bushehr.....	20280	1531	57583	2387	4949	121192	5598
Tehran.....	803178	1059	154135	3407	845	18996	541
Chaharmahal & Bakhtiari....	141547	1461	60862	726	7528	179314	7341
South Khorasan.....	69892	27992	231278	3691	33038	246288	9955
Khorasan-e-Razavi	921034	77139	2202835	50012	49749	278739	8452
North Khorasan.....	83141	18182	478441	6633	10381	112419	2485
Khuzestan	213227	3909	157202	6889	18766	436129	16233
Zanjan	141580	13584	273385	8833	11530	71844	4478
Semnan	188534	6935	348423	9111	7748	189196	8096
Sistan & Baluchestan.....	119973	19842	323501	15612	75401	586077	28453
Fars	641366	7951	215342	7127	32976	1781297	86583
Qazvin.....	345750	993	68415	1386	2494	32491	1289
Qom	92323	647	26186	1824	2101	32022	2561
Kordestan.....	104982	18249	402261	13598	13802	98990	5828
Kerman	332960	27071	567772	21888	33998	605319	38359
Kermanshah	136429	11005	382137	12629	11879	116150	5382
Kohgiluyeh & Boyerahmad...	42637	57	3378	116	14323	376094	16852
Golestan.....	187587	3792	150662	3789	2861	51784	1660
Gilan	100536	6920	184664	5584	2288	26811	1181
Lorestan	210095	3680	91825	3188	19221	284358	10566
Mazandaran	470500	8268	361660	13882	2765	48169	2358
Markazi.....	103160	590	15562	235	3810	37499	1927
Hormozgan	18876	4579	36470	1553	25257	134446	6171
Hamedan.....	229571	3381	49234	1601	5797	27644	1592
Yazd.....	173611	577	25649	289	9532	118627	12402

5.14. HOLDINGS WITH LIVESTOCK MILKED, BY NUMBER OF LIVESTOCK, AND MILK PRODUCTION OF EACH TYPE OF LIVESTOCK AND OSTAN (continued) (holding-head- ton)

Year and Ostan	Cattle		
	Holdings	Number of cattle milked	Milk production
1384	1187672	2719058	6294476
1387	1010879	2420143	5965728
1390	902613	2199657	5935994
1393	561952	1688666	5704513
1396	556673	1860182	6811482
1399	506672	2038571	7508993
East Azarbayejan	54035	239158	731338
West Azarbayejan.....	59267	163003	353722
Ardebil.....	25728	106392	214927
Esfahan	16934	89810	585597
Alborz	729	28754	190432
Ilam.....	3247	8777	22540
Bushehr.....	2750	6047	12295
Tehran.....	1828	95043	799230
Chaharmahal & Bakhtiyari.....	9750	26929	133479
South Khorasan	5521	12909	56247
Khorasan-e-Razavi	18273	121991	862569
North Khorasan	8806	23367	74023
Khuzestan	37083	115081	190106
Zanjan	14593	40935	128269
Semnan	2129	23111	171326
Sistan & Baluchestan.....	12135	34820	75908
Fars	10873	96433	547655
Qazvin.....	8890	59732	343075
Qom	1018	12154	87939
Kordestan.....	22971	55387	85556
Kerman	19955	56981	272713
Kermanshah.....	14802	40646	118418
Kohgiluyeh & Boyerahmad.....	6210	10740	25669
Golestan.....	22488	71985	182138
Gilan	48850	125870	93771
Lorestan	19619	72378	196341
Mazandaran	30428	201102	454260
Markazi.....	10995	23795	100998
Hormozgan	1887	4392	11152
Hamedan.....	13198	45495	226379
Yazd.....	1677	25358	160919

1. Difference between the total and sum of parts is due to the buffalo and camel milk production which was only included in the total.

Source: Statistical Centre of Iran.

5.15. HOLDINGS WITH SMALL LIVESTOCK, BY NUMBER OF LIVESTOCK AND PRODUCTION OF SHEEP WOOL, GOAT HAIR AND SOFT WOOL DISAGGRGATED BY OSTAN
(holding - head- kg)

Year and Ostan	Sheep wool			Goat hair and soft wool		
	Holdings	Number of shorn livestock	Wool production	Holdings	Number of hair and soft wool clipped livestock	Hair and soft wool production
1384.....	1085395	40361587	52454715	249420	5988723	2905312
1387.....	974221	34801936	38114067	244895	779182	344596
1390.....	1131476	38024926	42430090	226036	4013614	2085613
1393.....	795185	32125592	35283133	214559	4082771	1903918
1396.....	735101	31682044	31921272	199670	3833116	1932471
1399.....	740163	34550452	37638165	153507	3413243	1762515
East Azarbayejan.....	47470	2365514	4336443	799	7671	3138
West Azarbayejan	38156	2671646	3615985	6370	176739	99333
Ardebil	22407	1457463	2119524	0	0	0
Esfahan.....	35126	1598172	1206014	359	18078	11973
Alborz	2318	232630	228049	757	12041	9673
Ilam	11868	707915	1226312	5881	135273	113918
Bushehr	3760	163104	155226	592	52191	21021
Tehran	2992	555624	254804	44	533	160
Chaharmahal & Bakhtiari	11953	905826	787307	59	3405	1762
South Khorasan.....	41993	472223	328189	19773	161810	50146
Khorasan-e-Razavi.....	100323	4196293	3643191	6023	47358	30919
North Khorasan.....	28127	1381452	1764556	0	0	0
Khuzestan.....	32711	1921210	2791642	10298	356557	138083
Zanjan	19976	776491	546952	0	0	0
Semnan.....	12165	1028884	733752	1918	76542	25113
Sistan & Baluchestan	36818	820740	1049934	31951	402313	214380
Fars.....	30448	1829340	1394041	7838	277001	151425
Qazvin	11762	769935	662771	369	7105	4247
Qom.....	2970	231641	191549	0	0	0
Kordestan	25280	901399	1139032	5984	58694	61974
Kerman.....	42325	1463083	1253922	33884	1206120	559895
Kermanshah	17778	907950	794205	600	8923	4462
Kohgiluyeh & Boyerahmad	6780	277147	310179	127	9959	3876
Golestan	21286	1164934	876507	6921	158955	63077
Gilan.....	7974	385835	657022	1295	21077	22218
Lorestan.....	26484	1572763	1763862	6398	99359	42586
Mazandaran.....	22818	1024949	1465027	4642	98699	125519
Markazi	24950	1207612	1005193	0	0	0
Hormozgan.....	13325	164703	113268	117	1901	570
Hamedan	29817	1178316	1089558	388	2971	1098
Yazd	8002	215659	134150	119	11967	1948

Source: Statistical Center of Iran.

5.16. HOLDINGS WITH ACTIVITIES ON PERMANENT CROPS AND THEIR PRODUCTION BY OSTAN (holding –ton)

Year and Ostan	Number of holdings	Production
1386	2560560	11215762
1389	2378903	10959841
1394	1809781	12178844 ⁽¹⁾
1396	1694334	11623634 ⁽²⁾
1398	1597297	12902069
1400	1560044	13114336
1401	1560044	11930000
East Azarbayejan	95293	1242804
West Azarbayejan	84635	1247873
Ardebil	23475	187178
Esfahan	75719	212482
Alborz	24280	131422
Ilam	4105	40406
Bushehr	15360	170306
Tehran	25668	215223
Chaharmahal & Bakhtiari	23949	77878
South Khorasan	43065	50949
Khorasan-e-Razavi	122878	464831
North Khorasan	29729	99399
Khuzestan	22685	411283
Zanjan	38879	185482
Semnan	34190	115465
Sistan & Baluchestan	56831	510909
Fars	73383	655352
Qazvin	45073	311878
Qom	6712	15176
Kordestan	42796	53172
Kerman	145744	1092972
Kermanshah	23278	26038
Kohgiluyeh & Boyerahmad	17212	74627
Golestan	14684	133756
Gilan	106136	473669
Lorestan	21416	89963
Mazandaran	173238	2855756
Markazi	41404	292991
Hormozgan	26539	210264
Hamedan	50961	133727
Yazd	50727	146767

1. The production of the permanent crops in these years relate to the production for the year 1393.

2. The actual number for the production of permanent crops in the year 1395 was 11095139 tons. Since this survey was conducted in the summer of the year 1396, the number for the production of cherries, sour cherries, types of plums and green plums, etc. is the actual figure, but it is an estimation for products such as oranges, tangerines, etc.

Source: Statistical Centre of Iran.

5.17. NUMBER AND AREA OF HOLDINGS WITH ORCHARDS AND NURSERIES BY TYPE OF CROPPING AND OSTAN (holding-ha)

Year and Ostan	Total orchards and nurseries		Single cropping (monocropping)		Mixed cropping (multi cropping)	
	Holdings ⁽¹⁾	Area	Holdings	Area	Holdings	Area
1386	2063403	1772784	1423824	1292085	890266	480700
1389	2081848	1880005	1290850	1287247	981948	592758
1394	1707741	1814287	1136342	1263549	738454	550738
1396	1648727	1853323	1072958	1294118	740784	559205
1398	1509831	1891025	932919	1315354	736181	575671
1400	1481175	1874840	887241	1291013	723597	583826
East Azarbayejan	94826	95787	45185	47742	59791	48045
West Azarbayejan.....	83695	130231	54171	79205	42422	51026
Ardebil.....	21767	31212	12525	25767	11879	5445
Esfahan	75318	68124	44753	51145	44896	16979
Alborz.....	24277	14655	2895	3464	21961	11191
Ilam.....	4105	3133	948	1608	3173	1525
Bushehr.....	14844	25625	14465	25367	429	258
Tehran.....	23003	33232	4654	22443	19126	10789
Chaharmahal & Bakhtiari.....	23776	32279	15426	17118	11196	15161
South Khorasan.....	43007	32835	21911	21790	22964	11045
Khorasan-e-Razavi	122482	169792	87422	149635	41313	20157
North Khorasan.....	29369	27165	16894	16425	17106	10740
Khuzestan	22134	47989	18892	39857	4026	8132
Zanjan.....	38404	51957	29083	29059	20354	22898
Semnan	34190	31553	7702	15825	26833	15727
Sistan & Baluchestan.....	48901	58184	28496	46178	21314	12006
Fars	73241	150544	28829	78767	46735	71777
Qazvin.....	44213	53990	33020	37448	20424	16543
Qom	6712	6389	1654	4078	5142	2310
Kordestan.....	41887	33415	27022	15747	26055	17668
Kerman	143715	364803	94869	286021	51210	78782
Kermanshah.....	23127	19312	6897	4088	18500	15224
Kohgiluyeh & Boyerahmad.....	16474	20141	7630	5343	9823	14798
Golestan.....	13151	16821	7011	12453	7033	4368
Gilan	85157	50659	64762	47681	26063	2978
Lorestan	21045	21373	12310	12617	10515	8757
Mazandaran	141798	93783	78188	54272	71022	39511
Markazi.....	39820	51699	20539	30322	24299	21378
Hormozgan	25946	41060	16447	25906	10025	15154
Hamedan.....	50529	29426	40957	20762	15990	8663
Yazd.....	50259	67671	41684	62881	11979	4790

1. Considering this fact that a holding can include mixed and single orchard and nursery simultaneously, the total number of holdings is not necessarily equal to the total holdings with mixed and single orchards and nurseries.

Source: Statistical Centre of Iran.

5.18. BROILER CHICKEN FARMS AND THEIR HALLS CAPACITY ⁽¹⁾ BY OSTAN (1000 fowls)

Year and Ostan	Number of farms			The number of halls	Capacity (thousand pieces)
	Total	In operation	Out of operation		
1383.....	17267	14216	3051	31726	225729
1388.....	17192	15207	1985	34572	260241
1390.....	17192	13878	3314	30655	245616
1391.....	18097	14356	3741	31891	265467
1394.....	18093	12573	5520	30085	274299
1397.....	20520	15322	5198	47095	412525
1399.....	20520	16452	4068	46496	417555
East Azarbayejan.....	890	577	313	1936	14108
West Azarbayejan	615	440	175	1532	13708
Ardebil	305	248	57	667	5800
Esfahan.....	1922	1378	544	4282	40428
Alborz	202	132	70	406	3425
Ilam	354	326	28	678	6286
Bushehr	206	182	24	661	6541
Tehran	239	95	144	666	8410
Chaharmahal & Bakhtiyari	186	181	5	344	3995
South Khorasan	824	606	218	1218	11355
Khorasan-e-Razavi.....	1921	1417	504	4598	32475
North Khorasan	102	90	12	238	2568
Khuzestan.....	843	734	109	1800	17599
Zanjan	207	174	33	540	6117
Semnan.....	422	309	113	927	10401
Sistan & Baluchestan	219	163	56	474	5864
Fars.....	1226	916	310	2468	29498
Qazvin	515	382	133	1111	11033
Qom.....	306	201	105	773	6444
Kordestan	775	740	35	3067	14210
Kerman.....	757	506	251	1985	9831
Kermanshah	766	593	173	1499	10155
Kohgiluyeh & Boyerahmad	131	106	25	308	2772
Golestan	911	910	1	2239	29394
Gilan.....	842	841	1	2244	20385
Lorestan.....	648	550	98	1077	13703
Mazandaran.....	1933	1916	17	4416	38523
Markazi	675	456	219	1447	13642
Hormozgan.....	354	343	11	663	7490
Hamedan	495	290	205	867	8556
Yazd	729	650	79	1368	12837

1. Capacity refers to the number of chickens - hen or cock - that can be reared with regard to installations and equipment available on the farm

Source: Statistical Centre of Iran.

5.19. QUANTITY AND VALUE OF PRODUCTION AT BROILER CHICKEN FARMS BY OSTAN (ton- mln rials)

Year and Ostan	Full-grown		Cull		Manure	
	Quantity	Value	Quantity	Value	Quantity	Value
1382	1371018	11409123	13282	68555	1049603	101504
1387.....	1994542	-	-	-	-	-
1389.....	1862838	37628484	14161	176735	1413890	360126
1390.....	1907194	43534365	13565	194293	1462665	492869
1393.....	2052924	81726174	9270	227411	1434533	1864399
1396.....	2539761	-	-	-	-	-
1398.....	3197961	245544252	-	-	-	6532413
East Azarbayejan	101410	7773217	-	-	-	161555
West Azarbayejan	94961	7373083	-	-	-	187100
Ardebil	47609	3704494	-	-	-	99231
Esfahan	243090	19025588	-	-	-	548903
Alborz	18657	1476884	-	-	-	33783
Ilam	59587	4509712	-	-	-	137987
Bushehr	41454	3177883	-	-	-	84874
Tehran	26281	1956145	-	-	-	43321
Chaharmahal & Bakhtiari	34512	2656105	-	-	-	85594
South Khorasan.....	66580	5524184	-	-	-	106911
Khorasan-e-Razavi	240021	17402319	-	-	-	546312
North Khorasan.....	34531	2494741	-	-	-	24246
Khuzestan	122699	9764266	-	-	-	240933
Zanjan	48575	3974723	-	-	-	117670
Semnan	68347	4826267	-	-	-	123474
Sistan & Baluchestan	31231	2746249	-	-	-	43476
Fars	236151	17321457	-	-	-	479632
Qazvin	81070	6394819	-	-	-	171060
Qom	39632	3008291	-	-	-	82058
Kordestan	111593	8444051	-	-	-	242873
Kerman	78081	5970217	-	-	-	181639
Kermanshah	82640	6560150	-	-	-	252729
Kohgiluyeh & Boyerahmad	14179	1165517	-	-	-	20977
Golestan	289436	22213893	-	-	-	437695
Gilan	221760	17299357	-	-	-	436670
Lorestan	111265	8382842	-	-	-	307154
Mazandaran	360355	27267840	-	-	-	622346
Markazi	92120	6916212	-	-	-	206200
Hormozgan	50504	4060761	-	-	-	75935
Hamedan	66209	5045941	-	-	-	152111
Yazd	83422	7107044	-	-	-	277965

Source: Statistical Centre of Iran.

5.20. NUMBER AND HALL CAPACITY ⁽¹⁾ OF LAYER CHICKEN AND PULLET FARMS BY OSTAN (1000 fowls)

Year and Ostan	Number of farms			Number of poultry halls	Capacity
	Total	In operation	Out of operation		
1385.....	1432	1042	390	5096	76046
1388.....	1380	1210	170	4271	69221
1390.....	1286	1025	261	4043	68359
1391.....	1350	1133	217	4358	71113
1394.....	1402	1140	262	5426	75767
1397.....	1746	1352	394	5102	98425
1399.....	1625	1268	357	4663	97560
East Azarbayejan.....	238	179	59	597	11119
West Azarbayejan	19	14	5	58	720
Ardebil	17	8	9	23	391
Esfahan.....	182	142	40	454	11197
Alborz	98	81	17	363	6634
Tehran	99	68	31	512	11271
Chaharmahal & Bakhtiari	5	5	0	6	240
South Khorasan	43	40	3	76	2100
Khorasan-e-Razavi.....	275	222	53	628	11850
Norh Khorasan	3	2	1	3	55
Khuzestan.....	17	12	5	45	657
Zanjan	19	17	2	51	1113
Semnan.....	34	29	5	92	1846
Sistan & Baluchestan	5	1	4	22	782
Fars.....	67	51	16	211	4826
Qazvin	67	61	6	292	8731
Qom.....	173	120	53	578	9546
Kordestan	9	5	4	14	394
Kerman.....	25	20	5	75	1483
Kermanshah	15	13	2	23	650
Kohgiluyeh & Boyerahmad	5	5	0	5	215
Golestan	19	18	1	85	2306
Lorestan.....	18	14	4	23	741
Mazandaran.....	13	12	1	34	501
Markazi	79	63	16	175	3902
Hamedan	32	27	5	73	1404
Yazd	45	36	9	138	2680
Other Ostans ⁽²⁾	4	3	1	7	210

1. Capacity of the hall refers to the number of chickens- hen or cock- that can be reared with regard to installations and available on the farm.

2. Including Ilam, Bushehr, Gilan and Hormozgan Ostans.

Source: Statistical Centre of Iran.

5.21. QUANTITY AND VALUE OF PRODUCTION TYPES AT LAYER CHICKEN AND PULLET FARMS BY OSTAN (ton- mln rials)

Year and Ostan	Edible ⁽¹⁾		Cull ⁽²⁾		Manure	
	Quantity	Value	Quantity	Value	Quantity	Value
1384.....	576478	3021222	23301	91212	498321	45873
1387.....	725367	-	-	-	-	-
1389.....	686531	8548520	13937	137027	478298	116679
1390.....	558659	12132039	16315	181233	397089	127486
1393.....	777119	23646947	16933	342802	519146	567909
1396.....	673689	-	-	-	-	-
1398.....	869421	57565518	-	-	-	1189221
East Azarbayejan.....	100491	6318146	-	-	-	79595
West Azarbayejan	3603	208442	-	-	-	5360
Ardebil	2843	207388	-	-	-	2234
Esfahan.....	134833	8753282	-	-	-	217033
Alborz	73655	4787994	-	-	-	43976
Tehran	65480	4071467	-	-	-	197895
Chaharmahal & Bakhtiari	3356	209520	-	-	-	8668
South Khorasan	23447	1677536	-	-	-	36824
Khorasan-e-Razavi.....	110974	7168215	-	-	-	141516
North Khorasan	278	17314	-	-	-	340
Khuzestan.....	4191	255166	-	-	-	5828
Zanjan	10202	804969	-	-	-	16197
Semnan.....	14859	979440	-	-	-	19223
Sistan & Baluchestan	1445	72250	-	-	-	270
Fars.....	26415	1758236	-	-	-	51670
Qazvin	64130	4565834	-	-	-	51623
Qom.....	85165	5640513	-	-	-	97006
Kordestan	2923	199363	-	-	-	2580
Kerman.....	34591	2736377	-	-	-	39906
Kermanshah	5515	370887	-	-	-	8833
Kohgiluyeh & Boyerahmad	2024	147495	-	-	-	2773
Golestan	21921	1546014	-	-	-	16229
Lorestan.....	6293	386963	-	-	-	13450
Mazandaran.....	3456	247629	-	-	-	1906
Markazi	30187	1909415	-	-	-	49695
Hamedan	13299	795515	-	-	-	18117
Yazd	21413	1578959	-	-	-	57604
Other Ostans ⁽³⁾	2430	151189	-	-	-	2870

1. Including edible eggs, shell-less and broken eggs.

2. Chicken culled for various reasons and/or delivered to slaughterhouses at the end of the raising period can be used as meat.

3. Including Ilam, Bushehr, Gilan and Hormozgan Ostans.

Source: Statistical Centre of Iran.

**5.22. NUMBER OF SLAUGHTERHOUSES, NUMBER AND WEIGHT OF CONSUMABLE
POLUTRIES SLAUGHTERED IN THE NATIONAL AUTHORIZED SLAUGHTERHOUSE IN
OPERATION, THE YEAR 1401**

Ostan	Slaughter houses	Poultry (Hens and roosters)		Other poultrys ⁽¹⁾	
		Number	Weight (kg)	Number	Weight (kg)
Total country	283	1086529305	2089643799	26626576	53060849
East Azarbayejan.....	12	40336540	79396152	1351029	2432884
West Azarbayejan	14	44893771	87084503	3	175
Ardebil	4	17942920	36171522	368641	1050782
Esfahan.....	20	59877196	115845193	2697699	10789179
Alborz	6	13950522	31746734	5988410	9094526
Ilam	2	2749070	6246926	0	0
Bushehr	4	13765831	24309707	12	609
Tehran	22	56736526	115755764	1277705	4486693
Chaharmahal&Bakhtiyari	3	10880467	22099731	23	3450
South Khorasan	6	17098107	27626625	128574	271915
Khorasan-e-Razavi.....	14	82297781	158307843	2549681	4840777
North Khorasan	3	15659795	29794200	68	4456
Khuzestan.....	12	38384306	68614746	1061315	458896
Zanjan	5	24332494	48169967	530999	3161462
Semnan.....	8	24852158	54489232	40495	111083
Sistan&Baluchestan	4	2731233	3723173	3	433
Fars.....	19	77337391	145174842	1554686	1452218
Qazvin	6	22319215	45520326	153609	1276003
Qom	2	7359994	15257032	2870382	5080774
Kordestan	8	23903260	50625474	0	0
Kerman	14	30879125	54851918	1588012	3157738
Kermanshah	11	22113720	38773233	0	0
Kohgiluyeh & Boyerahmad	3	7599021	13503633	215	9260
Golestan	15	116944782	231830244	0	0
Gilan.....	8	97218250	175552953	229906	1356933
Lorestan.....	11	27277880	52509970	0	0
Mazandaran.....	20	105467070	194788408	476630	1516815
Markazi	7	21947975	50214239	681937	917120
Hormozgan.....	5	17328517	30136419	273	16232
Hamedan	6	25079394	50158788	0	0
Yazd	9	17264994	31364302	3076269	1570436

1. Including turkey, quail, ostrich, etc.

Sources: Ministry of Agriculture-Jahad.

5.23. NUMBER OF CENTRES FOR QUARANTINE, DISTRIBUTION AND SUPPLY OF VACCINATION SUPERVISED BY IRAN VETERINARY ORGANIZATION, THE YEAR 1401

Ostan	Centres for quarantine		
	Total	Inland	Border
Total country	265	199	66
East Azarbayejan.....	15	13	2
West Azarbayejan	17	11	6
Ardebil	4	3	1
Esfahan.....	5	4	1
Alborz	3	3	0
Ilam	4	3	1
Bushehr	13	3	10
Tehran	13	10	3
Chaharmahal&Bakhtiari	6	6	0
South Khorasan	6	5	1
Khorasan-e-Razavi.....	19	14	5
North Khorasan	1	1	0
Khuzestan.....	17	10	7
Zanjan	5	5	0
Semnan.....	3	3	0
Sistan & Baluchestan	15	12	3
Fars.....	12	8	4
Qazvin	2	2	0
Qom	3	3	0
Kordestan	21	13	8
Kerman	8	8	0
Kermanshah	9	4	5
Kohgiluyeh&Boyerahmad	4	4	0
Golestan	5	4	1
Gilan.....	8	6	2
Lorestan.....	4	4	0
Mazandaran.....	9	6	3
Markazi	15	15	0
Hormozgan.....	10	8	2
Hamedan	5	5	0
Yazd	4	3	1

5.23. NUMBER OF CENTRES FOR QUARANTINE, DISTRIBUTION AND SUPPLY OF VACCINATION SUPERVISED BY IRAN VETERINARY ORGANIZATION, THE YEAR 1401

Ostan	Centres for distribution, and supply of vaccination			
	Total	National distribution	Provisional distribution	Vaccination
Total country	461	160	301	265
East Azarbayejan.....	19	6	13	15
West Azarbayejan	35	5	30	17
Ardebil	12	1	11	4
Esfahan.....	25	6	19	5
Alborz	22	14	8	3
Ilam	5	0	5	4
Bushehr	4	1	3	13
Tehran	52	37	15	13
Chaharmahal&Bakhtiyari	7	2	5	6
South Khorasan	6	3	3	6
Khorasan-e-Razavi.....	24	7	17	19
North Khorasan	5	2	3	1
Khuzestan.....	8	1	7	17
Zanjan	9	2	7	5
Semnan.....	13	6	7	3
Sistan &Baluchestan	4	1	3	15
Fars.....	21	3	18	12
Qazvin	15	4	11	2
Qom	17	9	8	3
Kordestan	11	1	10	21
Kerman	9	2	7	8
Kermanshah	13	3	10	9
Kohgiluyeh &Boyerahmad	4	1	3	4
Golestan	27	9	18	5
Gilan.....	18	10	8	8
Lorestan.....	27	15	12	4
Mazandaran.....	25	8	17	9
Markazi	7	1	6	15
Hormozgan.....	1	0	1	10
Hamedan	8	0	8	5
Yazd	8	0	8	4

Sources: Iran Veterinary Organization.

5.24. NUMBER AND CAPACITY OF OPERATING MODERN CATTLE FARMS ACTIVITY

Year and activity	Number	Capacity (head)
1375.....	9042	962228
1379.....	8559	982074
1386.....	14267	1895863
1389.....	19732	2276950
1392.....	18299	2572999
1395.....	18547	2829667
1398.....	21709	3118303
1401.....	23648	4672297
Dairy cattle.....	15535	3410382
Beef cattle only	8113	1261915

Source: Statistical Centre of Iran.

5.25. NUMBER OF COWS AND CALVES IN OPERATING MODERN CATTLE FARMS ON THE ENUMERATION DAY BY BREED AND OSTAN (head)

Year and Ostan	All cattle farms			
	Total	Exotic	Crossbreed	Indigenous
1375	539937	394869	103332	41736
1379	561491	393841	124745	42906
1386	1158904	663651	386936	108317
1389	1294779	847406	355118	92255
1392	1365935	897483	376754	91698
1395	1439391	971909	401882	65600
1398	1748554	1229358	405750	113446
1401	2336972	1405485	796430	135057
East Azarbayejan	52250	36401	14694	1155
West Azarbayejan	20095	14335	5330	430
Ardebil	34192	23540	9610	1042
Esfahan	453943	315929	137708	306
Alborz	109264	85704	23527	33
Ilam	3397	2331	1020	46
Bushehr	12268	814	9511	1943
Tehran	579333	280853	201561	96919
Chaharmahal & Bakhtiyari	26249	22306	3943	0
South Khorasan	18275	14518	3683	74
Khorasan-e-Razavi	130282	88578	41699	5
North Khorasan.....	12930	9697	2903	330
Khuzestan	39346	5218	31303	2825
Zanjan	21959	15803	5988	169
Semnan	57120	40782	15530	808
Sistan & Baluchestan	9484	2521	4774	2189
Fars	180287	121289	56904	2094
Qazvin	121507	83684	37777	46
Qom	58582	22897	30588	5098
Kordestan	21484	15092	5619	774
Kerman	37989	29938	7132	919
Kermanshah	27857	23483	4374	0
Kohgiluyeh & Boyerahmad	6976	4834	1959	183
Golestan	40560	24465	13673	2422
Gilan	4160	1537	1388	1235
Lorestan	29903	15965	8622	5316
Mazandaran	24787	14734	7255	2798
Markazi	88780	55016	33032	732
Hormozgan	10823	50	5770	5003
Hamedan	36650	27917	8679	54
Yazd	66240	5256	60875	109

**5.25. NUMBER OF COWS AND CALVES IN OPERATING MODERN CATTLE FARMS ON THE
ENUMERATION DAY BY BREED AND OSTAN (continued) (head)**

Year and Ostan	Dairy cattle farms			
	Total	Exotic	Crossbreed	Indigenous
1375	500047	388330	90014	21703
1379	510037	385296	108110	16632
1386	917461	617454	287558	12449
1389	-	-	-	-
1392	1022223	829441	186232	6550
1395	1159158	910791	240799	7568
1398	1309391	1104054	200219	5118
1401	1764593	1267028	486326	11239
East Azarbayejan	45358	33872	11060	427
West Azarbayejan	16778	12598	3954	226
Ardebil	28436	22284	5972	180
Esfahan	442916	312252	130411	253
Alborz	97893	79757	18136	0
Ilam	2017	1605	412	0
Bushehr	1805	516	1019	270
Tehran	292320	227813	60258	4249
Chaharmahal & Bakhtiari	25615	21767	3848	0
South Khorasan	16803	13510	3223	70
Khorasan-e-Razavi	125859	85892	39962	5
North Khorasan.....	9915	8204	1711	0
Khuzestan	16560	5202	11162	196
Zanjan	18518	14132	4306	80
Semnan	46477	35549	10928	0
Sistan & Baluchestan	3742	1722	1429	591
Fars	144166	107469	36058	639
Qazvin	107476	82430	25041	5
Qom	25981	20525	5436	20
Kordestan	11389	9340	2044	5
Kerman	34304	27710	5908	686
Kermanshah	25273	21404	3869	0
Kohgiluyeh & Boyerahmad	5853	4315	1470	68
Golestan	34576	22680	11209	687
Gilan	2219	1067	786	366
Lorestan	18609	13316	4394	899
Mazandaran	21351	14037	6209	1105
Markazi	43452	34648	8721	83
Hormozgan	963	34	915	14
Hamedan	33762	26124	7592	46
Yazd	64207	5256	58882	69

Source: Statistical Centre of Iran.

5.26. QUANTITY AND VALUE OF MILK AND MANURE PRODUCED IN MODERN CATTLE FARMS
(1000 tons- mln rial)

Year and Ostan	Milk		Manure	
	Quantity	Value	Total cattle farms	
			Quantity	Value
1374	1007	513634	2415 ⁽¹⁾	17755
1378	1215	1247549	2000 ⁽¹⁾	35060
1385	2415	6624859	3233	197484
1388	3216	-	-	-
1391	3793	31934432	2741	559675
1394	4087	47533616	3230	1504284
1397	5004	90352891	7697	4323936
1400	6182	-	-	-
East Azarbayejan	157	-	-	-
West Azarbayejan	569	-	-	-
Ardebil	641	-	-	-
Esfahan.....	146	-	-	-
Alborz	843	-	-	-
Ilam	441	-	-	-
Bushehr	475	-	-	-
Tehran	105	-	-	-
Chaharmahal & Bakhtiyari	780	-	-	-
South Khorasan.....	478	-	-	-
Khorasan-e-Razavi.....	466	-	-	-
North Khorasan.....	288	-	-	-
Khuzestan.....	524	-	-	-
Zanjan	641	-	-	-
Semnan.....	146	-	-	-
Sistan & Baluchestan	137	-	-	-
Fars	486	-	-	-
Qazvin	524	-	-	-
Qom	933	-	-	-
Kordestan	372	-	-	-
Kerman	105	-	-	-
Kermanshah	919	-	-	-
Kohgiluyeh & Boyerahmad	195	-	-	-
Golestan	906	-	-	-
Gilan.....	506	-	-	-
Lorestan.....	520	-	-	-
Mazandaran.....	730	-	-	-
Markazi	143	-	-	-
Hormozgan.....	542	-	-	-
Hamedan	900	-	-	-
Yazd	211	-	-	-

1. The unit of manure production in the years 1374 and 1378 was thousand cubic meters.

Source: Statistical Centre of Iran.

**5.27. NUMBER AND WEIGHT OF EDIBLE CARCASSES OF LIVESTOCK SLAUGHTERED AT
AUTHORIZED SLAUGHTERHOUSES BY OSTAN (carcasses- kg)**

Ostan	Sheep and lamb		Goats and kids		Cattles and calves	
	Number	Weight	Number	Weight	Number	Weight
1385 ⁽¹⁾	9870440	166363742	2914197	39164876	1518040	246153044
1390	5672565	103897849	1842103	27000139	1382272	250182659
1395	9709475	175644990	2388292	34680152	1183223	227774011
1397	6395207	121246275	1907008	28191272	1003125	203081760
1398	5867576	116484326	1599187	24005318	820259	173064212
1399	7954534	151874795	2054675	30686046	1169843	249820779
1400	12543375	238134856	2503209	38423543	1613308	336331827
1401	13326128	254832189	2519656	38839096	1382487	293378350
East Azarbayejan ..	730981	14600722	39596	683410	89010	18508934
West Azarbayejan ..	109567	2461090	22216	397683	58967	12319266
Ardebil	259658	5587120	15218	235100	36964	6802816
Esfahan	2311672	44678019	570646	8141783	94601	25260027
Alborz	205430	3313668	5857	87939	22994	6254185
Ilam	31795	639010	8251	131952	5244	1028486
Bushehr	9551	190556	14293	231602	3456	753981
Tehran	2813250	41505733	94636	1179759	238250	42003299
Chaharmahal & Bakhtiari	212836	4376913	32061	517602	11535	2313310
South Khorasan	65879	1341595	20325	343477	5848	1561482
Khorasan-e-Razavi	1962532	45889932	45205	863092	108953	27761008
North Khorasan	109017	2085224	19826	288364	8902	2089077
Khuzestan	351463	4956635	262332	3184329	53568	8168875
Zanjan	47295	988704	4488	77950	21505	4937438
Semnan	226219	4293420	41743	530661	9668	2257817
Sistan & Baluchestan	5887	83637	2533	35649	21754	5370355
Fars	382147	7284148	425128	6768694	63129	16266110
Qazvin	200370	3223226	11203	155532	63315	17075713
Qom	674453	16861325	111877	2796925	19055	5525950
Kordestan	80419	1827172	21964	363214	35574	7018229
Kerman	177068	3229817	157817	2427686	38650	8077206
Kermanshah	140997	2466104	27768	406540	37088	7000951
Kohgiluyeh & Boyerahmad	91778	1531972	54087	696114	3617	868160
Golestan	421309	7174654	37368	533914	19276	4082607
Gilan	251577	4953190	84280	1437467	116791	21830664
Lorestan	286329	5734194	71997	1088117	45120	8694727
Mazandaran	449114	7737253	72215	1044366	68351	11360272
Markazi	183921	3628623	58642	871921	29432	7175979
Hormozgan	20294	328489	21444	274541	13329	2088929
Hamedan	228950	4589752	35011	695056	27791	5564545
Yazd	284370	7270292	129629	2348657	10750	3357952

**5.27. NUMBER AND WEIGHT OF EDIBLE CARCASSES OF LIVESTOCK SLAUGHTERED AT
AUTHORIZED SLAUGHTERHOUSES BY OSTAN (continued) (carcasses- kg)**

Ostan	Buffaloes and calves		Camels and calves	
	Number	Weight	Number	Weight
1385 ⁽¹⁾	45714	7308138	27004	5471289
1390	25843	4310373	26654	5554681
1395	24307	4540075	23970	5114436
1397	19925	3854750	24793	5069662
1398	13758	2698069	26727	5406132
1399	23859	4705048	20653	4032838
1400	33599	6641314	25960	5059548
1401	33570	6668365	24225	4625376
East Azarbayejan	6720	1404210	41	9524
West Azarbayejan.....	2930	538178	16	2400
Ardebil	1831	324083	0	0
Esfahan	2	437	2898	613061
Alborz	0	0	0	0
Ilam.....	0	0	0	0
Bushehr.....	48	9377	21	2966
Tehran.....	29	4930	33	5570
Chaharmahal & Bakhtiari	102	20400	196	36450
South Khorasan.....	0	0	877	142249
Khorasan-e-Razavi	0	0	1445	240862
North Khorasan.....	0	0	67	15440
Khuzestan	19532	3906741	78	11802
Zanjan	0	0	0	0
Semnan	0	0	641	118357
Sistan & Baluchestan.....	0	0	7696	1551072
Fars	655	138559	1749	315850
Qazvin.....	0	0	2	400
Qom	0	0	207	45540
Kordestan.....	0	0	0	0
Kerman	0	0	4513	741824
Kermanshah.....	0	0	0	0
Kohgiluyeh & Boyerahmad.....	0	0	0	0
Golestan.....	0	0	230	32651
Gilan	1669	305296	0	0
Lorestan	3	700	0	0
Mazandaran	0	0	0	0
Markazi.....	1	250	11	2290
Hormozgan	1	114	1088	136553
Hamedan.....	0	0	0	0
Yazd.....	47	15090	2416	600515

1. Including private slaughterhouses that are operating under the license of Veterinary Organization.

Source: Statistical Centre of Iran.

5.28. UTILIZATION OF MODERN IRRIGATION AND DRAINAGE NETWORKS BY REGIONAL WATER ORGANIZATIONS

Description	Area under cultivation	Volume of water inflow into the network (ha- mln cum)
1385-1386.....	1033513	13174
1390-1391	702119	1186483
1395-1396.....	927097	13735
1397-1398.....	1464611	13847
1398-1399	1464611	13221
1400-1401	878950	5308
1401-1402	1166689	14669
East Azarbayejan	11585	60
Sufichay	5335	38
Sattarkhan	4500	20
Bonab-e- Marand	700	//
Zonooz-e chukhorzamee	1050	2
West Azarbayejan	95310	438
Dasht-e-Shiblu	1970	31
Dasht-e-Zanganeh	700	6
Zarrinehrud (Miyandoab).....	52287	171
Mahabad	12070	100
Qanbar Kandi	1244	21
Hasanlu	5300	15
Poldasht.....	9892	18
Sahr-e-Chay	5550	50
Zola	6297	25
Ardebil	94456	1005
Quri chay.....	1998	5
Moghan	86971	973
Ardebil	3121	5
Saghezchee.....	466	2
Seylan.....	1900	20
Esfahan.....	25277	266
Abshar	3361	57
Borkhar (Esfahan).....	152	4
Rudashtin	3522	64
Karvan (Khamiran)	4935	17
Mahyar	21	1
Nekuabad	3152	81
Golpayegan	4871	34
Hanna.	5263	8
Alborz.....	3575	30
Kordan.....	3575	30
Ilam.....	37696	327
Konjancham (Mehran)	1120	10
Holilan	800	4
Doviraj 1 & 2	7370	94
Amirabad.....	80	1
Dasht-e-Abbas.....	26781	209
Meymeh	900	4
Mulab	110	1
Pahle va Parchineh.....	50	1

5.28. UTILIZATION OF MODERN IRRIGATION AND DRAINAGE NETWORKS BY REGIONAL WATER ORGANIZATIONS (continued)

Description	Area under cultivation	Volume of water inflow into the network (ha- mln cu m)
Saleh Abad.....	485	3
Bushehr	20079	271
Ahram	1125	4
Dalaki.....	8000	97
Abikhsh (former Shabankareh).....	7500	130
Kelel.....	1120	22
Shabankareh.....	2334	18
Tehran	90900	290
Varamin	59300	175
Karaj	23000	65
Robat Karim	8600	50
Chaharmahal & Bakhtiari	7000	26
Ardal	700	-
Jonaqan	2100	5
Gandoman & Boldaji.....	3500	19
Dasht-e Bar Aftab-e- Kalbali Koshteh.....	700	2
South Khorasan	2115	6
Shahid Parsa-ey- Ferdus	700	1
Farokhee	190	1
Nahreyen.....	525	3
Keriet	700	1
Khorasan-e-Razavi	24597	29
Shahid Yaqubi	1100	3
Shahid Dehqan Taybad	537	1
Tabarakabad.....	978	5
Sangard	104	2
Kamayestan	800	//
Fariman.....	750	4
Doostee	17212	0
Zavin.....	385	1
Sedeh	650	5
Kardeh	801	3
Torogh	760	//
Ardak	520	5
North Khorasan	8533	48
Shirvan.....	2050	12
Chery	155	1
Esfarayn.....	1060	5
Shirin Dareh.....	4420	27
Golaman.....	525	2
Golol	31	//
Qazeldash(Chandir)	292	1
Khuzestan	287047	5326
Avan	3598	66
Dez	108974	2606
Shavur	3518	108
Fajr & Jayzan.....	5487	99
Gotvand	40420	954

**5.28. UTILIZATION SITUATION OF MODERN IRRIGATION AND DRAINAGE NETWORKS BY
REGIONAL WATER ORGANIZATIONS (continued)**
(ha- mln cu m)

Description	Area under cultivation	Volume of water inflow into the network
Marun (Behbahan).....	14347	287
Veys.....	10204	124
Benesh Basht.....	3777	35
ShahidRajaei	3343	42
Shadegan.....	3105	44
Ramshir.....	14143	134
Dareyon	14475	177
Damghani	0	0
Kowsar.....	8397	108
Karkheh-e- Jonoubee	38909	400
Karkheh-e- Shomalee	2023	65
Khoramshahr	12327	77
Hendijohn	28218	149
Semnan	27048	139
Garmsar	1170	10
Damghani	9600	39
Sistan & Baluchestan	0	0
Bampur	0	0
Chahnimeh.....	5500	16
Miyankangi.....	4100	23
Bahukalat.....	14708	96
Fars	14578	93
Dorudzan (Ramjerd).....	130	3
Iezadkhast	60000	132
Qazvin.....	60000	132
Qazvin.....	7600	23
Kordestan	1600	0
Zarivar (Marivan).....	1500	3
Qeshlaq	3500	14
Kamyara	1000	6
Legzy	2671	55
Kerman.....	883	24
Jiroft.....	1788	31
Narmashir	15680	112
Kermanshah	6400	46
Zagros	400	3
Sheyan	450	3
Jamishan	2640	19
Soleymanshah.....	1250	10
Dayek Gilangharb.....	320	3
Berimvand.(Dasht-e Zahob)	270	3
Jegarlu.(Qasr-e Shirin)	550	4
Ravansar	50	0
Sefidbarg.....	14347	287

5.28. UTILIZATION OF MODERN IRRIGATION AND DRAINAGE NETWORKS BY REGIONAL WATER ORGANIZATIONS (continued)

Description	Area under cultivation	Volume of water inflow into the network (ha- mln cu m)
Sumar.....	0	0
Eainlqas	550	4
Nazliyan.....	400	3
Mian darband.....	0	0
Bilevar	2400	14
Kohgiluyeh & Boyerahmad	3220	64
Servak & Shahaasem	250	3
Dasht-e- rum	770	2
Dasht-e-choram	120	1
Dasht-e-chitab.....	290	15
Lishter & Kheirabad	1590	37
Rudyal.....	200	6
Golestan	30850	64
Voshmgir	12500	25
Golestan ⁽²⁾	11500	23
Kowsar.....	850	4
Bustan	6000	12
Gilan	171137	972
Sefidrud & Fumanat ⁽²⁾	118640	751
Fumanat	48997	183
Golerud	3500	38
Lorestan	5310	62
Chogholvandi.....	1500	32
Aliabad (Dorud).....	100	3
Silakhur.....	3500	20
Kaznar Aligoudarz.....	70	1
Haleh Koohdasht	50	4
Glum Bahri	90	2
Mazandaran	64247	761
Tajan	20884	229
Alborz	37342	454
Gelevard.....	6021	78
Markazi	23000	56
Saveh	23000	56
Hormozgan.....	8348	84
Minab.....	6893	63
Jegien	1455	21
Hamedan.....	1535	17
Shaban Borzul.....	1535	17

Source: Iran Water Resources Management Company

5.29. GUARANTEED PURCHASE PRICE PER KILOGRAM OF BASIC CROPS (rial)

Crop	1385	1390	1395	1397
Wheat	2050	3600	12705	13000
Barley	1520	2900	10028	10300
Grain corn	1620	3000	10368	10860
Peas	3600	6800	24640	27932
Navy beans	3500	7000	23940	27140
Kidney beans	3000	6000	24150	25946
Pinto beans	3500	6200	23940	37147
Lentils	3800	6800	26450	29984
Sugar beets	460	900	2916	3122
Cotton (cotton seed)	4500	9000	29325	21964
Soybeans	3200	5200	22655	24694
Sunflower seeds.....	3400	6000	24510	26644
Potatoes	883	1450	3888	4121
Onions	627	900	2592	3748

Crop	1398	1399	1400	1401
Wheat	14700	22000	75000 ⁽¹⁾	67800
Barley	11639	16300	34000	67800
Grain corn	12272	17000	35250	67800
Peas	33240	46536	89838	194797
Navy beans	32025	43234	83463	166389
Kidney beans	30616	41332	79791	167854
Pinto beans	32033	43245	83485	263261
Lentils	35981	50373	97246	195612
Sugar beets	3403	5020	14732 ⁽²⁾	18700
Cotton (cotton seed)	36119	48761	154638	28000
Soybeans	27904	38523	153566	22500
Sunflower seeds	30108	41565	122319	27000
Potatoes	4668	6068	11715 ⁽³⁾	20216
Onions	5534	4037	7794 ⁽⁴⁾	20216

1. Referring to the price for regular wheat. Price for the second-round wheat is 78000 Rials.

2. Referring to the price of spring sugar beet. Price for fall sugar beet is 14221 Rials

3. Referring to the price of spring potatoes, the prices of fall potato and potato for a continuity plan are 12015 and 13888 Rials.

4. Referring to the price of spring onions. Prices for fall onions and onions of continuity plans are 8012 and 8523 Rials, respectively.

Source: Government.

5.30. AVERAGE FARM-GATE SALE PRICE PER KILOGRAM OF SELECTED TEMPORARY CROPS IN RURAL AREAS (rial)

Year and Ostan	Wheat	Barley	Rice (paddy)	Peas	Pinto beans	Lentils	Sugar beet	Cotton	Manufactured tobacco
1385.....	2068	1603	3765	6847	6477	5326	497	4835	14360
1390.....	3412	3542	9509	11488	16390	13550	933	11377	31898
1395.....	12423	8540	35828	41126	56646	45798	2955	30081	71501
1397.....	13050	11787	48477	53650	90389	49314	3241	56846	1117141
1398.....	17224	18770	63893	59347	104429	57603	4164	65453	190337
1399.....	24830	20872	98332	96328	226462	140444	7148	111773	233780
1400.....	50590	56492	167758	173611	337731	248078	12577	204709	299223
1401.....	114452	103105	305173	349394	465390	457837	18964	274050	638582
East Azarbayejan.....	114291	108575	×	420547	501595	439474	×	×	×
West Azarbayejan	112909	102515	×	×	520725	×	18031	×	×
Ardebil	114766	100393	×	360720	433181	453554	×	240000	×
Esfahan.....	120013	103287	360390	416031	477615	381707	×	208993	×
Alborz	115891	111218	×	×	×	×	×	×	×
Ilam	114790	125725	×	457995	443306	442107	19133	×	×
Bushehr	114926	95635	×	×	×	×	×	×	×
Tehran	115647	111015	×	×	×	×	×	×	×
Chaharmahal & Bakhtiari.....	112961	97632	×	×	420050	489482	21663	×	×
South Khorasan.....	115425	116591	×	395918	×	500000	×	285943	×
Khorasan-e-Razavi.....	112538	103812	×	336322	×	368343	25011	296948	×
North Khorasan.....	112786	100889	×	456073	×	×	20100	289298	×
Khuzestan.....	114622	107387	229366	×	×	×	15438	×	×
Zanjan	113829	113090	250559	460032	507569	521748	×	×	×
Semnan.....	114365	102082	×	×	433403	421497	21471	302754	×
Sistan & Baluchestan ..	103401	72536	×	×	×	×	×	×	×
Fars.....	114763	110799	296939	411654	437827	496908	15265	300000	×
Qazvin	113686	104366	×	423437	621453	495578	24694	×	×
Qom.....	113148	111975	×	×	×	×	×	249275	×
Kordestan	115506	101143	×	323284	455556	636651	×	×	350000
Kerman.....	115901	110583	×	514286	×	563158	×	×	×
Kermanshah	115000	109495	×	342771	×	747660	20833	×	×
Kohgiluyeh & Boyerahmad	114080	103968	343393	×	423898	488343	×	×	×
Golestan	114651	98343	243912	300000	540254	447638	18191	256003	649767
Gilan.....	×	×	455515	×	×	×	×	×	×
Lorestan.....	114714	106411	×	336791	450163	369685	17639	×	×
Mazandaran.....	114098	94716	318915	×	×	×	×	275000	×
Markazi	115216	103256	×	410506	452307	455596	14793	×	×
Hormozgan.....	115114	100000	×	×	×	×	×	×	×
Hamedan	114198	101526	×	347950	×	446820	18854	×	×
Yazd.....	128050	120442	×	×	×	×	×	×	×

5.30. AVERAGE FARM-GATE SALE PRICE PER KILOGRAM OF SELECTED ANNUAL CROPS IN RURAL AREAS (continued) (rial)

Year and Ostan	Tobacco leaves	Sunflower oil seeds	Melons	Water-melons	Cucumbers	Potatoes	Onions	Tomatoes	Alfalfa, dry
1385	12230	3794	1598	1033	2161	1671	1308	1059	1328
1390	35802	8467	3002	1520	5488	2158	1837	2682	3103
1395	111940	33527	6962	4567	10057	4217	4826	3846	6929
1397	136795	32969	14452	8859	20692	12447	11350	16680	11593
1398	149329	93470	15832	7110	20219	23689	23195	15339	19160
1399	177609	185607	24392	16029	49771	19475	26488	18728	22946
1400	475698	×	46905	24401	54101	37215	28378	42938	44997
1401	1066124	313032	39628	27958	100316	99171	72009	55868	57380
East Azarbayejan...	×	×	×	×	82859	116219	67837	69777	52176
West Azarbayejan..	×	515376	×	×	102985	×	58716	48660	42294
Ardebil	×	×	29022	11585	61112	104491	100000	45170	52741
Esfahan	696575	×	65944	37143	83064	77040	58229	72310	65003
Alborz	×	×	×	×	122083	×	×	73057	60000
Ilam	×	×	×	33680	49338	×	36034	49237	62150
Bushehr	1325631	×	55836	35453	94041	×	49613	61556	65917
Tehran	×	×	×	×	93549	150997	×	64663	73449
Chaharmahal & Bakhtiari	×	×	×	×	80000	98494	×	×	60482
South Khorasan.....	×	×	76101	45305	125587	×	100075	118548	×
Khorasan-e-Razavi	958448	×	36102	32159	80792	×	55459	50809	76013
North Khorasan.....	×	×	×	×	132004	86861	49949	53480	63591
Khuzestan	×	×	46481	31326	51954	85988	36153	46158	50050
Zanjan	×	×	20561	14616	133547	99261	79370	41425	65093
Semnan	×	181420	45107	45308	86698	94305	50000	51930	63774
Sistan & Baluchestan.....	319762	×	74352	31674	×	×	64976	73728	57599
Fars	×	×	64007	26120	97560	95308	55028	52814	66084
Qazvin	×	×	81558	26303	78344	91724	67413	49408	55064
Qom	×	×	74273	23250	×	×	×	×	64877
Kordestan	×	×	×	21994	98085	85528	104911	45126	56741
Kerman	×	×	×	22276	113421	93031	105544	45823	61128
Kermanshah	×	×	×	×	94800	95314	×	42035	54417
Kohgiluyeh & Boyerahmad.....	×	×	×	32274	87848	×	66170	68107	76631
Golestan	×	690909	63506	23510	81234	89273	77887	67259	×
Gilan	×	×	114397	27105	131544	×	170767	131871	×
Lorestan	×	×	×	31478	71203	106948	47053	54691	58726
Mazandaran	×	×	×	21522	141355	×	172000	106372	×
Markazi	×	×	58009	32177	111475	99550	74138	71897	54045
Hormozgan	×	×	57916	45868	60000	×	39378	78632	×
Hamedan	×	×	×	20000	84792	101443	×	55614	55378
Yazd	×	×	×	34812	109889	×	67988	89942	77657

Source: Statistical Centre of Iran.

5.31. AVERAGE FARM-GATE SALE PRICE PER KILOGRAM OF SELECTED PERMANENT CROPS IN RURAL AREAS (rial)

Year and Ostan	Apples	Apricots	Pears	Grapes	Oranges	Dates	Pomegranates	Pistachios	Almonds	Walnuts
1385.....	2790	2709	3204	2046	2786	3131	3240	30461	12763	21283
1390.....	7428	11525	14901	5835	5791	5443	7902	30059	47323	53093
1395.....	15268	30412	48057	10117	7580	24272	16382	245559	147080	207124
1397.....	31366	44202	56341	28437	14440	36726	28525	796311	308102	322247
1398.....	27364	66002	60986	33539	16116	93173	33044	911728	759791	467595
1399.....	48703	91202	113597	46388	57093	104521	54690	1308230	778613	806758
1400.....	72551	223372	179813	82651	66864	169582	99039	1891714	1246929	962335
1401.....	131257	300502	277092	126675	58310	212343	107560	2694420	1113252	1193507
East Azarbayejan	153352	224202	232646	155657	×	×	×	2990711	1247941	1265438
West Azarbayejan	98254	178638	×	187599	×	×	×	×	×	996471
Ardebil	98971	169982	193933	153167	×	×	×	×	×	1069651
Esfahan.....	157689	325113	400000	161005	×	×	86339	3409302	1186599	1740690
Alborz	119767	346494	318008	119947	×	×	×	×	×	1040596
Ilam	102123	247640	×	126035	88750	×	100000	×	672222	821153
Bushehr	×	×	×	×	×	208108	×	×	×	×
Tehran	187873	308180	348363	88282	×	×	118513	×	×	1276737
Chaharmahal & Bakhtiyari.....	112864	418115	×	124789	×	×	218063	×	1399536	2059829
South Khorasan..	126515	202988	×	162444	×	449057	129813	×	772293	×
Khorasan-e-Razavi...	88308	245517	139323	106783	×	×	81857	2619693	805556	1138889
North Khorasan..	112308	194845	224479	98602	×	×	×	×	673836	881642
Khuzestan.....	×	×	×	152358	122965	151355	141667	×	×	×
Zanjan	126174	138459	150000	136000	×	×	122835	×	629412	740001
Semnan.....	129807	208579	218231	113091	×	×	146325	2528689	×	1277614
Sistan & Baluchestan	×	×	×	189565	×	226887	×	×	×	×
Fars.....	127258	159959	×	108568	131253	366678	122881	×	782842	1472727
Qazvin	112784	313333	310118	148785	×	×	135220	3103317	×	1136755
Qom.....	×	368712	693438	123502	×	×	107821	×	885123	1563026
Kordestan	130901	215948	166300	104519	×	×	151354	×	716256	1032470
Kerman.....	146041	347610	386937	240323	120397	354451	193075	2743916	918310	1425868
Kermanshah	121282	×	×	179282	×	258602	150000	×	696264	1197896
Kohgiluyeh & Boyerahmad	155357	280879	×	148974	114224	298986	83194	×	942373	1649972
Golestan	×	×	×	×	50060	×	110936	×	×	1217047
Gilan.....	134066	×	242553	×	88642	×	44681	×	×	×
Lorestan.....	94596	274442	×	149721	×	×	149596	×	698671	886817
Mazandaran.....	×	×	×	×	54216	×	99924	×	×	×
Markazi	139454	302986	×	139474	×	×	72797	×	778385	1287549
Hormozgan.....	×	×	×	×	187073	239284	×	×	×	×
Hamedan	146850	143248	×	170182	×	×	×	×	×	819858
Yazd	292308	433433	468182	205709	×	×	104833	3118858	877778	1518182

Source: Statistical Centre of Iran.

5.32. AVERAGE PRODUCTION COSTS PER HECTARE AND COST PRICES ⁽¹⁾ PER KILOGRAM OF SELECTED TEMPORARY CROPS (rial)

Crop	The crop year 1385-86		The crop year 1390-91		The crop year 1395-96	
	Production cost	Cost price	Production cost	Cost price	Production cost	Cost price
Irrigated wheat	5231670	1436	8939550	2620	32364650	8030
Rainfed wheat	1403370	1599	2957690	3150	10279920	11780
Irrigated barley	4116960	1469	10813530	3280	27596680	7560
Rainfed barley	1350890	1712	2829060	3640	9252370	10170
Irrigated grain corn.....	7341900	1008	9741880	1580	43935750	5920
Rainfed forage maize	0	0	0	0	48938350	1000
Irrigated peas.....	4086560	3478	7117420	8690	45411720	29990
Rainfed peas.....	1960230	4741	4058770	8920	16490470	33720
Irrigated lentils	4459670	4962	11354620	11150	32613320	29590
Rainfed lentils	2073850	5364	4640050	8480	15934140	33970
Irrigated sunflower.....	7356290	4349	12206030	6170	42406840	29510
Rainfed sunflower	2117150	2717	4320830	6100	11640460	21360
Irrigated cotton.....	8443130	3456	14290380	5530	54459670	18370
Rainfed cotton.....	2873600	2535	0	0	0	0
Sugar beets	11179050	323	25216610	530	87158570	1640
Irrigated watermelons	10088710	397	20948170	840	90892340	3020
Rainfed watermelons.....	2704070	561	8207490	1100	43472480	4260
Irrigated cucumbers.....	18617830	945	35536630	1750	140858800	6090
Irrigated potatoes.....	19819240	770	44459940	1540	144640590	4270
Irrigated onions	16719320	531	23684480	750	117064920	3580
Irrigated tomatoes	21195640	616	44056310	1270	148562280	4000
Irrigated navy beans	8142080	3622	13190420	8750	60828470	31030
Irrigated kidney beans.....	7966250	3044	14222730	8250	67159190	29420
Irrigated pinto beans.....	9652740	4354	20124890	9000	69544480	34410
Irrigated spring soybeans	5508730	2250	10285150	4750	38531660	16240
Rainfed spring soybeans	4263530	3057	5204100	2570	34496250	15660
Irrigated summer soybeans	5508080	2357	8105760	4710	35182100	14110
Rainfed summer soybeans.....	2693840	2538	5893770	3940	0	0
Quality long grain rice	18511450	4938	33112010	8530	95801670	23170
High-yielding long grain rice	12569820	2106	22938130	4440	87347210	12730
Quality mid-size rice	16050140	4061	36382550	7960	52775370	16860
Short grain rice.....	10663970	2857	14683200	5350	72548800	12070
High-yielding short-size grain rice.....	0	0	0	0	0	0
High-yielding mid-size grain rice	14612310	2580	40613920	7490	81581120	15050
Paddy.....	14372920	3524	29115390	7730	83078010	21380
Irrigated alfalfa.....	0	0	17062250	1720	52205570	4300
Rainfed alfalfa.....	0	0	4145400	1280	12461130	5600
Irrigated clover	0	0	0	0	31252490	3010
Irrigated colza	5703110	2521	9015350	3900	32404150	15030
Rainfed colza.....	4265290	2202	6552460	3670	15889320	13190

5.32. AVERAGE PRODUCTION COSTS PER HECTARE AND COST PRICES ⁽¹⁾ PER KILOGRAM OF SELECTED TEMPORARY CROPS (continued) (rial)

Crop	The Crop year 1397-98		The Crop year 1398-99		The Crop year 1399-1400	
	Production cost	Cost price	Production cost	Cost price	Production cost	Cost price
Irrigated wheat	4852075	12380	6598290	15910	10928976	3330
Rainfed wheat	1619210	11820	2079000	17280	3258992	50010
Irrigated barley	4837355	11790	6584945	16020	9665464	34480
Rainfed barley	1502975	10750	2046781	15640	3262150	53750
Irrigated grain corn.....	6108430	10040	8738950	10510	13414863	19270
Rainfed forage maize	8515546	1640	12440915	2330	18926513	3820
Irrigated peas.....	6135130	42330	3818879	23290	8988338	1128500
Rainfed peas	2065094	42540	3091481	60130	4784263	118360
Irrigated lentils	6208929	48290	7337775	35940	12879784	83590
Rainfed lentils	2018151	37920	3143204	64750	4818435	135010
Irrigated sunflower.....	7049798	43670	8636067	65880	20025408	128620
Rainfed sunflower	1463651	23160	1842735	27060	1646348	42110
Irrigated cotton.....	9114517	28140	11117226	31800	20329904	72700
Rainfed cotton	0	0	0	0	0	0
Sugar beets	12889086	1960	18075870	3150	26373314	4490
Irrigated watermelons	12375081	3220	18038192	4690	22988358	7690
Rainfed watermelons.....	7588344	5010	6121354	8000	7392610	4560
Irrigated cucumbers.....	18473639	7350	29247903	10790	48699434	16930
Irrigated potatoes.....	32859716	8860	34189219	8170	52497932	14570
Irrigated onions	21874340	4670	21356750	6390	49851477	11070
Irrigated tomatoes	28435558	5920	33093879	7450	78420132	17660
Irrigated navy beans	9497128	43930	11309343	49770	17822625	109680
Irrigated kidney beans.....	9680765	44890	14629587	63970	19819050	90960
Irrigated pinto beans.....	9178286	48040	10439048	42320	19996297	85660
Irrigated spring soybeans	4182293	17040	0	0	19132683	86440
Rainfed spring soybeans	3451150	16300	5803000	24870	9549181	52710
Irrigated summer soybeans	5073000	20470	4851247	19490	11799279	48550
Rainfed summer soybeans.....	2927000	12560	0	0	9343333	66740
Quality long grain rice	18051122	41610	27481314	63480	45748849	112570
High-yielding long grain rice	16801959	24590	23466782	34990	41698538	69030
Quality mid-size rice	7788255	22630	9314161	23200	19840282	53060
Short grain rice.....	15916383	26530	22237000	49420	48221689	110480
High-yielding short-size grain rice...	0	0	12784699	33010	31505230	56950
High-yielding mid-size grain rice	15347317	24270	18199904	30700	41620433	68380
Paddy.....	10406088	28650	10629800	24570	18474768	47690
Irrigated alfalfa.....	9571571	7370	11803624	9610	18898557	15440
Rainfed alfalfa.....	2005086	8920	3778599	15150	3616933	33660
Irrigated clover	5609414	4690	5384738	2630	8908826	14950
Irrigated colza	4747642	19950	6626544	29610	10568322	56570
Rainfed colza.....	2902851	15540	3523785	24780	6530018	52040

1. Cost price of one kilogram of selected temporary crops excluding by-product.

Sources: Ministry of Agriculture-Jahad.

5.33. PRODUCTION OF NATIONAL PROTEIN PRODUCTS (1000 tons)

Year and Ostan	Red meat	Milk	Chicken meat	Egg	Honey (ton)
1385	829	7752	1360	677	36
1390	740	7685	1783	700	51
1395	823	9653	2069	940	82
1397	829	10589	2355	902	90
1398	859	11002	2733	1017	113
1399	884	11268	2641	1082	115
1400	897	11009	2912	1172	107
1401	890	11607	2589	1253	138
East Azarbayejan	50	526	89	102	16
West Azarbayejan.....	54	366	99	10	30
Ardebil	28	245	48	6	9
Esfahan	72	1929	180	173	8
Alborz	17	506	13	85	1
Ilam.....	14	45	35	3	2
Bushehr.....	8	33	36	1	1
Tehran.....	36	1531	25	100	1
Chaharmahal & Bakhtiari	22	317	26	4	3
South Khorasan.....	17	117	52	31	0.19
Khorasan-e-Razavi	86	957	183	145	4
North Khorasan.....	19	89	21	1	3
Khuzestan	32	292	95	11	4
Zanjan	15	126	57	12	1
Semnan	17	182	53	31	0.4
Sistan & Baluchestan....	19	54	36	4	0.07
Fars	62	697	188	62	15
Qazvin.....	32	773	66	97	1
Qom	25	116	26	134	0.37
Kordestan.....	19	98	81	5	2
Kerman	21	184	55	26	2
Kermanshah	21	218	52	10	8
Kohgiluyeh & Boyerahmad.....	10	63	16	3	2
Golestan.....	31	339	257	54	2
Gilan	17	149	237	2	6
Lorestan	28	224	71	8	4
Mazandaran	34	434	281	8	7
Markazi.....	30	347	58	49	1
Hormozgan	5	19	38	22	0.13
Hamedan.....	30	373	57	22	3
Yazd.....	19	258	58	32	0.44

Source: Ministry of Agriculture-Jahad.

**5.34. GENERAL SPECIFICATION OF AGRICULTURAL COOPERATIVES COVERED BY
MINISTRY OF COOPERATIVES, LABOUR AND SOCIAL WELFARE BY YEAR AND
OSTAN AT THE END OF THE YEAR**

Description	Number	Members	Workers	Capital (mln rials)
<i>Total cooperatives⁽¹⁾</i>				
1385.....	25730	345771	190503	1392819
1390.....	37320	459202	292382	3146011
1395.....	48328	614127	431598	12267855
1397.....	50750	648471	456447	16828563
1398.....	51721	661030	466838	17649995
1399.....	23415	-	240335	13426387
1400.....	23818	226779	245753	13589248
1401.....	25923	203282	283115	5060378⁽²⁾
<i>Cooperatives under establishment</i>				
1385.....	4613	72303	37474	140032
1390.....	5664	62125	51341	739081
1395.....	7395	89114	94466	1914359
1397.....	7453	84801	94692	2251895
1398.....	7453	84801	94692	2251895
1399.....	8503	-	103549	2834587
1400.....	8900	-	108837	2994789
1401.....	9516	101973	114259	1361583⁽²⁾
<i>Cooperatives in operation</i>				
1385.....	14119	190318	109659	1063415
1390.....	16485	211851	134807	1869834
1395.....	14795	220006	133344	6475993
1397.....	14954	229099	138335	10376016
1398.....	14954	229099	138335	10376016
1399.....	14912	226741	136786	10591800
1400.....	14918	226679	136916	10594460
1401.....	16407	101309	168856	3698795⁽²⁾

5.34. GENERAL SPECIFICATION OF AGRICULTURAL COOPERATIVES COVERED BY MINISTRY OF COOPERATIVES, LABOUR AND SOCIAL WELFARE BY YEAR AND OSTAN AT THE END OF THE YEAR (continued)

Ostan	Number	Members	Workers	Capital (mln rials)
East Azarbayejan.....	448	3865	5111	25204
West Azarbayejan	221	1621	2940	9545
Ardebil	340	2109	3458	20178
Esfahan.....	1088	5466	6115	45139
Alborz	59	1271	1878	4181
Ilam	647	2338	6390	7533
Bushehr	582	2955	8579	19305
Tehran	428	2418	8548	21457
Chaharmahal & Bakhtiari	431	2133	4672	25455
South Khorasan	159	1998	2583	30689
Khorasan-e-Razavi.....	1103	7328	10582	2835883
North Khorasan	249	2071	2966	4960
Khuzestan.....	1407	5716	8291	205267
Zanjan	274	2134	3135	12194
Semnan.....	340	2640	3473	18000
Sistan & Baluchestan	369	2587	4291	29086
Fars.....	927	9889	9762	70394
Qazvin	141	1319	2668	2423
Qom.....	190	1270	2665	1655
Kordestan	244	3021	2881	13340
Kerman.....	1002	4241	9690	27064
Kermanshah	652	2843	9106	6260
Kohgiluyeh & Boyerahmad	405	1231	4316	9017
Golestan	734	8732	7240	31969
Gilan.....	491	5052	7423	26134
Lorestan.....	1006	2096	4039	69385
Mazandaran.....	1099	4585	11923	42526
Markazi	347	1705	2572	14718
Hormozgan.....	532	4000	6126	24097
Hamedan	187	1290	2656	4176
Yazd	305	1385	2777	41561

1. Since the year 1399, they exclude non-operational cooperatives

2. The reason for the decrease in the amount of capital in the year 1401 compared to the previous years is due to the self-reporting by the cooperatives, however, it was based on both self-reporting and providing written documents by the cooperatives

Source: Ministry of Cooperatives, Labour and Social Welfare.

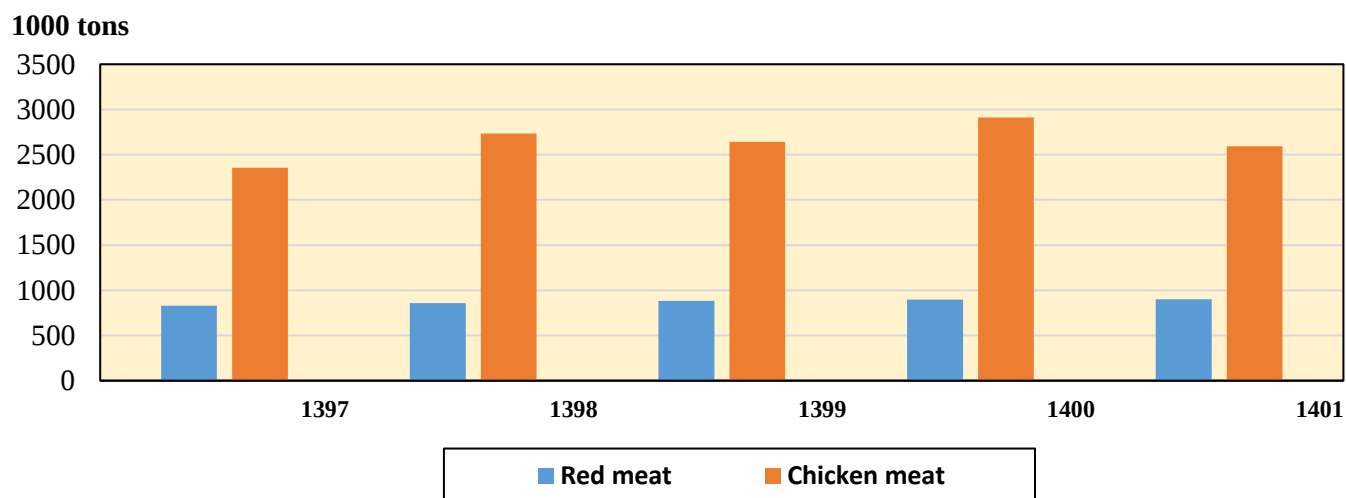
**5.35. GENERAL SPECIFICATION OF AGRICULTURAL COOPERATIVES COVERED BY
CENTRAL ORGANIZATION OF RURAL COOPERATIVES, BY TYPE OF ACTIVITY
AT THE END OF THE YEAR**

Year and type of activity	Number	Members	Capital ⁽¹⁾ (mln rials)
1385.....	2008	1010551	404366
1390.....	1997	1068541	836954
1395.....	1904	1047684	2643657
1397.....	1957	1051389	2899761
1398.....	2001	1070118	3305330
1399.....	2043	1128530	4079399
1400.....	2105	1161167	6131972
1401.....	2145	1147565	8817676
Poultry farming	351	21138	2871919
Livestock farming	638	634858	3933408
Wheat farming.....	81	27669	224270
Permanent crops farming	109	160664	241471
Apiculture.....	241	79074	367726
Combine harvester management.	12	1376	1204
Range management	30	9090	31785
Mechanization.....	35	2904	5858
Others.....	648	210792	1140035

1. The cooperative declared capital is the registered capital for the members' cash contribution resources, and does not include trading capital, creating and acquisition of visible and invisible fixed assets and long term investments.

Source: Central Organization of Rural Cooperatives.

5.1. PRODUCTION OF RED MEAT AND CHICKEN MEAT



For data see Table 5.33.

**5.36. GENERAL SPECIFICATION OF AGRICULTURAL COOPERATIVES COVERED BY
CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY OSTAN AT THE END OF
THE YEAR 1401**

Ostan	Number	Members
Total country	2145	1147565
East Azarbayejan	194	109879
West Azarbayejan	73	39977
Ardebil	37	22681
Esfahan	162	105677
Alborz	47	5790
Ilam	124	4321
Bushehr	18	3727
Tehran	56	10072
Chaharmahal & Bakhtiari	57	9970
South Khorasan	86	36714
Khorasan-e-Razavi	197	132849
North Khorasan	39	14179
Khuzestan.....	51	20727
Zanjan	13	2214
Semnan	40	14569
Sistan & Baluchestan	32	2394
Fars	105	69859
Qazvin	59	19833
Qom	16	20017
Kordestan	87	26028
Kerman	46	20250
Kermanshah	89	27913
Kohgiluyeh & Boyerahmad	41	9777
Golestan	68	25420
Gilan	107	125990
Lorestan	33	30933
Mazandaran	79	96367
Markazi	55	31135
Hormozgan	45	9410
Hamedan	51	77449
Yazd	38	21444

Source: Central Organization of Rural Cooperatives.

5.37. AREA OF AFFORESTATION ⁽¹⁾ AND SAPLING PRODUCTION (ha; 1000 saplings)

Year and Ostan	Afforestation			Sapling production ⁽²⁾
	Total	State-owned	Private	
1385.....	51167	39871	11296	46876
1390.....	25254	8370	16885	33386
1395.....	13933	7069	6864	22344
1397.....	35294	31275	4019	23801
1398.....	53866	51635	2231	19050
1399.....	37817	35286	2531	12486
1400.....	11631	9690	1941	26199
1401.....	5220	4400	820	33368
East Azarbayejan.....	133	133	0	471
West Azarbayejan	0	0	0	0
Ardebil	25	25	0	111
Esfahan.....	106	106	0	152
Alborz	0	0	0	284
Ilam	200	200	0	1500
Bushehr	110	110	0	829
Tehran	132	132	0	58
Chaharmahal & Bakhtiyari	59	59	0	0
South Khorasan	0	0	0	232
Khorasan-e-Razavi.....	39	39	0	308
North Khorasan	35	35	0	752
Khuzestan.....	369	369	0	539
Zanjan	50	50	0	900
Semnan.....	70	70	0	500
Sistan & Baluchestan	0	0	0	250
Fars.....	608	608	0	311
Qazvin	0	0	0	440
Qom	0	0	0	0
Kordestan	10	10	0	0
Kerman.....	300	300	0	5798
Kermanshah	200	200	0	485
Kohgiluyeh & Boyerahmad	190	190	0	660
Golestan	82	80	2	3008
Gilan.....	104	56	48	8300
Lorestan.....	406	406	0	1000
Mazandaran.....	1087	317	770	4850
Markazi	0	0	0	0
Hormozgan.....	900	900	0	680
Hamedan	4	4	0	0
Yazd	1	1	0	950

1. Including forest, range, desert, public and private sapling.

Source: Forests, Range and Watershed Management Organization.

5. 38. WATERSHED MANAGEMENT ACTIVITIES

(ha)

Topic	Year			
	1385	1390	1395	1397
National	3152126	1299966	402702	848662
Watershed management in existing dams' catchments.....	179329	106686	11264	0
Project development.....	2337885	184542	95814	0
Watershed management in catchments of dams under construction ⁽⁴⁾	56829	55770	9037	0
Project development.....	93262	116268	74784	0
Watershed management in Karkheh dam catchments	34918	18279	2949	0
Project development.....	87472	45189	1070	0
Watershed management in the Grate Karun catchments	0	18074	4322	0
Project development	0	37885	4988	0
Watershed management in Sefidrud dam catchments.....	134399	19741	9219	0
Project development.....	78369	36893	0	0
Watershed management in Atrak catchments	0	15555	11050	0
Project development ⁽³⁾	0	17662	5250	0
Watershed management in Golestan flood control catchments (watershed management share)	47463	36189	3400	0
Project development.....	55950	101450	38400	0
Study and operation of watershed management in catchments lacking dams	35000	28549	24159	0
Project development.....	11250	411802	108093	0
Study and operation of watershed management in Orumie Lake catchments	0	16609	731	0
Project development.....	0	9490	0	0
Study and operation of watershed management in central desert margin catchments.....	0	5223	4617	0
Project development.....	0	18110	3500	0
Study and operation of watershed management in South Khorason Siah Kouh catchments.....	0	0	0	0
Project development.....	0	0	0	0
Ostani(provincial)	1318824	946697	471358	93374
Land use improvements plan	104004	168462	28455	4718
Project development ⁽⁵⁾	32940	13678	18000	0
Flood control prevention plan	155952	36909	29863	2234
Project development ⁽⁵⁾	156883	102394	30500	0
Watershed management in municipal areas catchments	10363	33829	6845	0
Project development ⁽⁵⁾	12478	52006	0	0
Watershed management in border line catchments	25465	35015	4292	2903
Project development ⁽⁵⁾	16765	5320	0	0
Watershed management in other provincial catchments.....	2259	0	8933	40
Project development ⁽⁵⁾	7400	0	0	0
Ostani (provincial) (Soil conservation, watershed management and flood prevention and control project)	496297	182619	130157	83479
Project development ⁽⁵⁾	298018	316465	214313	0
National	3152126	1299966	402702	848662
Watershed management in existing dams' catchments ⁽⁴⁾	179329	106686	11264	0

5.38. WATERSHED MANAGEMENT ACTIVITIES (continued)**(ha)**

Topic	Year			
	1398	1399 ^(1,2)	1400 ^(3,4)	1401 ^(5,6)
Project development	0	0	0	63068
Watershed management in catchments of dams under construction ⁽⁴⁾	0	0	0	0
Project development	0	0	0	0
Watershed management in Karkheh dam catchments	0	0	0	30705
Project development	0	0	0	0
Watershed management in the Grate Karun catchments	0	0	4780	0
Project development	0	0	0	0
Watershed management in Setidrud dam catchments	0	0	8900	30015
Project development	0	0	1500	0
Watershed management in Atrak catchments	0	0	749/7	8877
Project development	0	0	0	3584
Watershed management in Golestan flood control catchments (watershed management share)	0	0	2221	0
Project development	0	0	0	0
Study and operation of watershed management in catchments lacking dams	0	0	161859	96015
Project development	0	0	0	282915
Study and operation of watershed management in Orumie Lake catchments	0	0	2234	7006
Project development	0	0	0	231983
Study and operation of watershed management in central desert margin catchments	0	0	14923	5829
Project development	0	0	0	60773
Study and operation of watershed management in South Khorason Siah Kouh catchments	0	0	1058	8276
Project development	0	0	0	357
Ostani(provincial) ⁽³⁾	86560	104555	1012383	261276
Land use improvements plan	5274	7082	897	1719
Project development ⁽³⁾	0	0	0	0
Flood control prevention plan	4094	0	5014	6712
Project development ⁽³⁾	0	0	0	15588
Watershed management in municipal areas catchments	0	8773	378	477
Project development ⁽³⁾	0	0	0	0
Watershed management in border line catchments	5948	616	0	68
Project development ⁽³⁾	0	0	0	0
Watershed management in other provincial catchments	3594	0	98	471
Project development ⁽³⁾	0	0	0	0
Ostani (provincial) (Soil conservation, watershed management and flood prevention and control project)	46121	88085	62639	80622
Project development ⁽³⁾	0	0	122740	108935

1. National watershed management in the year 1399 was concentrated on the implementation of a watershed management project financed by the Development Fund. Other projects were not conducted due to low allotment, settlement of past debts, and zero performance in the project.

2. Other conducted projects in the year 1399 under article 180 (3 percent of oil, gas...) were 13160 hectares.

3. In the year 1400, 763,083 hectares of watershed operations have been carried out from the deprivation and miscellaneous budget.

4. Two projects "watershed management in the area of existing dams" and "watershed management of dams under construction" have been combined in the field of dams of the country, which in the year 1400 is 70,901 hectares of physical performance.

5. Other operations performed in the year 1401 in the form of (unforeseen events, regional balance, etc.) are 322124 hectares out of which 5796 hectares are for developing the project.

6. Two projects "watershed management in the area of existing dams" and "watershed management of dams under construction" have been combined in the field of dams of the country, which is 95072 hectares for physical performance in the year 1401 and 63068 for developing the project.

7. Other operations performed in the year 1401 in the form of (unforeseen events, regional balance, etc.) are 46684 hectares.

8. Project development means explanatory, detailed, and executive studies for the implementation area of the concerned project.

Source: Forests, Range and Watershed Management Organization

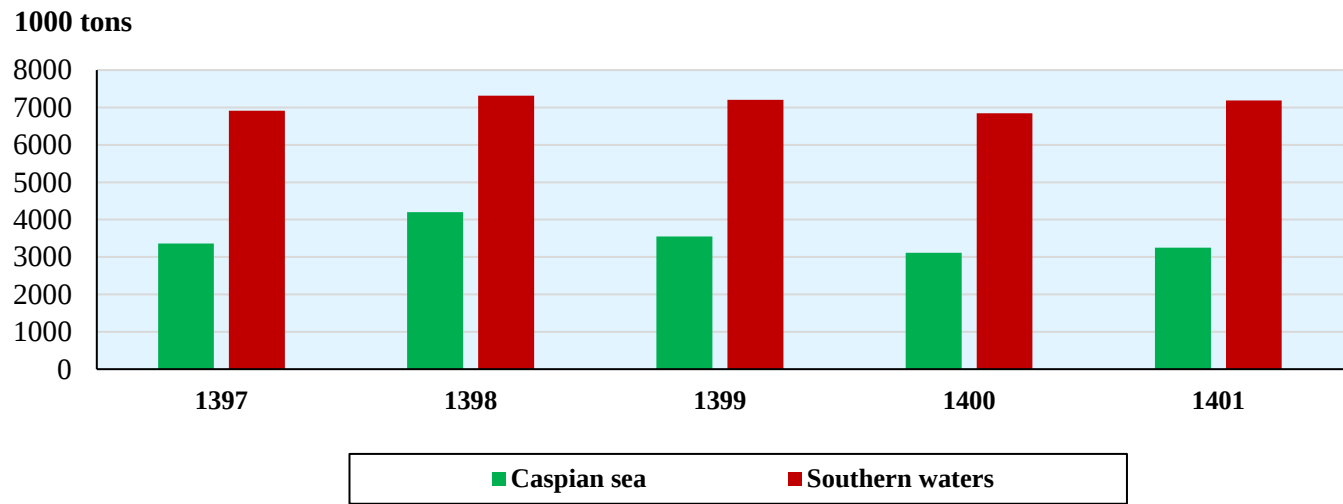
5.39. CATCHES OF VARIOUS AQUATICS, BY NORTH AND SOUTH WATERS (ton)

Year and Ostan	Grand total	Catches in the Caspian Sea (northern waters)			
		Total	Kilka	Bony fish	Sturgeon
1385.....	420882	46435	22303	23802	330
1390.....	449729	37831	20717	17034	80
1395.....	634198	33396	22429	10944	23
1397.....	724817	33643	22602	11012	29
1398.....	773198	42037	26154	15866	17
1399.....	755728	35509	24586	10910	13
1400.....	715401	31129	20053	11061	15
1401.....	750822	32514	19108	13395	11
Bushehr	63566	0	0	0	0
Khuzestan.....	48604	0	0	0	0
Sistan & Baluchestan	284921	0	0	0	0
Golestan	1223	1223	0	1221	2
Gilan.....	10551	10551	4019	6529	3
Mazandaran.....	20740	20740	15089	5645	6
Hormozgan.....	321216	0	0	0	0

Year and Ostan	Catches in south waters (Persian Gulf and Oman Sea)				
	Total	Small pelagic	Large pelagic	Demersal	Sea shrimps
1385.....	374447	26311	225374	116811	5951
1390.....	411897	50161	207438	147437	6861
1395.....	600802	78507	274533	238342	9420
1397.....	691174	111831	326784	241365	11195
1398.....	731161	116699	338482	267175	8805
1399.....	720219	128992	297840	283450	9937
1400.....	684272	103940	316568	251590	12174
1401.....	718307	137831	344678	228170	7628
Bushehr.....	63566	2378	29860	29418	1901
Khuzestan	48604	1757	5855	37333	3659
Sistan & Baluchestan.....	284921	3891	210155	70654	221
Golestan.....	0	0	0	0	0
Gilan	0	0	0	0	0
Mazandaran	0	0	0	0	0
Hormozgan	321216	129796	98808	90765	1847

Source: Iran Fisheries Organization.

5.2. CATCHES OF VARIOUS AQUATICS



For data see Table 5.39.

5.40. AQUACULTURE PRODUCTION

(ton)

Year and Ostan	Total	Aquaculture						
		Cage fish farming	Fish farms			Shrimps farms		
			Warm water fish farms	Cold water fish farms	Sturgeon farms	Shrimp farms (salt water)	Shrimp farms (fresh water)	Shrimp farms (lobster)
1385	154678	×	77463	46275	0	5700	20	250
1390	285351	×	132177	106409	312	8026	68	270
1395	459521	10162	201097	163325	2146	21331	11	58
1397	489205	14100	187399	173384	2839	47859	25	12
1398	527544	12442	213590	182601	2516	46114	13	3
1399	554092	12571	221864	190287	3503	48855	25	5
1400	556004	9086	216952	189932	3144	57799	20	4
1401	601435	10797	239713	208800	4664	60631	8	0
East Azarbayejan	9611	150	269	5639	21	0	0	0
West Azarbayejan	17063	0	993	9450	0	0	0	0
Ardebil	11510	0	801	4863	10	0	0	0
Esfahan	8893	110	793	7318	2	0	0	0
Alborz	3451	0	181	2813	10	0	0	0
Ilam	10902	1524	1020	2410	0	0	0	0
Bushehr	41942	3600	21/48	0	0	38207	0	0
Tehran	8532	0	1127	6512	3	0	0	0
South of Kerman (Jiroft and Kahnuj)	3700	14	2386	459	0	0	0	0
Chaharmahal& Bakhtivari	25487	1259	0	24033	0	0	0	0
South Khorasan	3418	0	2521	175	0	0	0	0
Khorasan-e-Razavi	12471	0	2721/5	9266	14	0	0	0
North Khorasan	2865	0	488	2345	0	0	0	0
Khuzestan	76440	0	58905	1597	10	1301	0	0
Zanjan	16105	0	47	14497	0	0	3	0
Semnan	1412	0	471	832	0	0	0	0
Sistan (Zabol)	18144	0	2062	174	0	0	0	0
Sistan & Baluchestan (Chabahar)	2071	0	0	0	0	2071	0	0
Fars	13644	0	1599/1	11197	193	0	0	0
Qazvin	4680	0	713	3865	27	0	0	0
Qom	2302	0	1130	845	52	0	0	0
Kordestan	10715	50	20	4655	0	0	0	0
Kerman ⁽¹⁾	2483	0	1020	1140	15	0	0	0
Kermanshah	21546	850	5449	12801	10	0	5	0
Kohgiluyeh & Boyerahmad	21900	0	0	21500	100	0	0	0
Golestan	29574	300	23604	1020	120	3080	0	0
Gilan	58375	20	52382	3953	1569	0	0	0
Lorestan	32963	67	2299	26750	37	0	0	0
Mazandaran	94531	465	74785	16632	2344	0	0	0
Markazi	6723	20	70/5	6292	82	0	0	0
Hormozgan	19948	2318	945	0	15	15972	0	0
Hamedan	6522	50	500	5152	0	0	0	0
Yazd	1512	0	389	615	30	0	0	0

5.40. AQUACULTURE PRODUCTION (continued) (ton)

Year and Ostan	Exploitation of natural and semi-natural resources	Cyst and Artemia biomass	Tilapia	Marian fish in earthen pond	Dried microalgae powder
1385	24970	0	0	0	0
1390	38089	0	0	0	0
1395	61391	0	0	0	0
1397	63587	0	0	0	0
1398	69404	46	549	266	0
1399	76161	47	705	69	0
1400	77764	52	736	481	32
1401	75577	51	847	321	27
East Azarbayejan	3487	0	0	0	45
West Azarbayejan	6609	11	0	0	0
Ardebil	5836	0	0	0	0
Esfahan	670	0	0	0	0
Alborz	447	0	0	0	0
Ilam	5948	0	0	0	0
Bushehr	0	0	0	10	103
Tehran	858	4	0	0	28
South of Kerman (Jiroft and Kahnuj)	841	0	0	0	0
Chaharmahal& Bakhtivari	195	0	0	0	0
South Khorasan	722	0	0	0	0
Khorasan-e-Razavi	470	0	0	0	0
North Khorasan	32	0	0	0	0
Khuzestan	14610	0	0	17	0
Zanjan	1558	0	0	0	0
Semnan	0	0	95	0	14
Sistan (Zabol)	15907	0	0	0	0
Sistan & Baluchestan (Chabahar)	0	0	0	0	1
Fars	651	0	0	0	5
Qazvin	75	0	0	0	0
Qom	0	0	274	0	1
Kordestan	5990	0	0	0	0
Kerman ⁽¹⁾	272	36	0	0	0
Kermanshah	2431	0	0	0	0
Kohgiluyeh & Boyerahmad	300	0	0	0	0
Golestan	1450	0	0	0	0
Gilan	447	0	0	0	4
Lorestan	3810	0	0	0	0
Mazandaran	305	0	0	0	0
Markazi	186	0	0	0	72
Hormozgan	650	0	0	0	48
Hamedan	820	0	0	0	0
Yazd	0	0	485	0	0

Source: Fisheries of Iran.

5.41. PRODUCTION OF CAVIAR AND MEAT FROM STURGEON FISHES (kg)

Year	Caviar				Meat			
	Total	Beluga	Asetra	Sevruga	Total	Beluga	Asetra	Sevruga
1385	31299	4879	24147	2273	329800	74000	22600	33200
1390	6128	1997	3615	516	80831	24577	47582	8672
1395	1368	369	846	153	23041	5228	15877	1936
1397	1056	404	498	154	17300	5300	10300	1700
1398	840	387	335	118	12727	4189	7201	1337
1399	874	257	504	113	14507	2603	10698	1206
1400	871	227	540	103	12644	2465	9091	1089
1401	652	115	426	111	10786	1906	8008	872

Source: Fisheries of Iran.

5.42. PRODUCTION OF VARIOUS FISH FRIES BY SPECIES (1000 fowls)

Year	Total	Kutum	Sturgeon	Carp	Salmon	Trout	Bream	Perch	Other
1385	687881	174300	13800	144650	611	315500	19300	12890	6830
1390	911101	272681	4854	176000	437	350000	18780	15028	73321
1395	914730	192613	2472	245535	0	371512	15927	13877	72795
1397	705848	132421	3231	185833	0	330895	13473	3073	36922
1398	816355	188156	2939	203134	0	364827	13066	3223	41010
1399	882776	229607	833	281345	39	304357	14237	4560	47798
1400	778338	220693	1958	144240	31	343129	14844	6236	9202
1401	468134	229760	1987	191140	0	0	13078	7605	24564

Source: Fisheries of Iran.

5.43. FISHING VESSELS BY TYPE (vessel)

Year and Ostan	Total	Boat	Launch	Ship
1385	12120	8670	3403	47
1390.....	11717	8500	3163	54
1395.....	11359	8080	3189	90
1397.....	11349	7953	3273	123
1398.....	11446	7954	3363	129
1399.....	11539	7934	3480	125
1400.....	11516	7933	3461	122
1401.....	11584	8007	3455	122
Bushehr	2036	1473	542	21
Khuzestan	1701	1077	624	0
Sistan & Baluchestan	2313	1415	898	0
Golestan	178	178	0	0
Gilan	297	267	30	0
Mazandaran	312	268	44	0
Hormozgan	4747	3329	1317	101

Source: Fisheries of Iran.

5.44. NUMBER OF WORKERS IN FISHERIES SECTOR (CATCHING)

Ostan	Year							
	1385	1390	1395	1397	1398	1399	1400	1401
Total.....	146724	143629	141011	141099	141361	140562	136045	136156
Bushehr	45287	40860	39375	37464	34313	34619	34678	34735
Khuzestan.....	40150	37871	37320	36500	34000	31570	31597	31391
Sistan & Baluchestan	21238	24212	24128	24248	26748	27060	26379	27812
Golestan	1694	1685	1816	1829	1796	927	944	1000
Gilan.....	6845	6223	4352	4300	4275	4275	4272	4272
Mazandaran.....	4691	4554	4494	4416	4417	4413	4302	4290
Hormozgan.....	26819	28224	29526	32342	35812	37698	33873	32656

Source: Fisheries of Iran.

5.45. NUMBER OF WORKERS IN FISHERIES SECTOR (AQUACULTURE), THE YEAR 1401

Description	Number of workers
Total	249358
East Azarbayejan	1706
West Azarbayejan.....	1468
Ardebil	842
Esfahan	5196
Alborz	1297
Ilam.....	1799
Bushehr.....	48096
Tehran.....	3203
South of Kerman (Jieroft and Kahnouj)	744
Chaharmahal & Bakhtiari.....	2620
South Khorasan	457
Khorasan-e-Razavi	1220
North Khorasan	600
Khuzestan	39253
Zanjan.....	2838
Semnan	544
Sistan (Zabol)	5422
Sistan & Baluchestan (Chabahar).....	28305
Fars	1769
Qazvin.....	1757
Qom	327
Kordestan.....	1415
Kerman ⁽¹⁾	784
Kermanshah.....	3964
Kohgiluyeh & Boyerahmad.....	2913
Golestan.....	4868
Gilan	11686
Lorestan	6802
Mazandaran	13269
Markazi.....	1100
Hormozgan	51018
Hamedan.....	1285
Yazd.....	791

1. Excluding Jieroft and Kahnouj.

Source: Fisheries of Iran

**5.46. OUTPUT, INTERMEDIATE CONSUMPTION AND VALUE ADDED OF ACTIVITIES ON
“AGRICULTURE, HUNTING AND FORESTRY” AND “FISHERIES” AT PRODUCER PRICE**
(bln rials)

Description	Year						
	1390	1393	1394	1395	1397	1398	1399
(At current prices)							
Output	711847	2129064	2402066	2744513	4054401	5998231	8793328
Temporary crops and permanent crops cultivation.....	382235	1192869	1387915	1553255	2239598	3400639	5079706
Livestock farming, poultry farming, sericulture, apiculture and hunting	293694	812393	873241	1020720	1564101	2244832	3166148
Forestry	7450	13511	14067	20759	25029	30542	43160
Fishing.....	28468	110291	126842	149779	225672	322218	504315
Intermediate consumption	336573	964860	1076063	1240132	1860369	2713110	3942920
Temporary crops and permanent crops cultivation.....	117338	354612	415214	465100	667530	1008895	1510198
Livestock farming, poultry farming, sericulture, apiculture and hunting.....	205510	564298	608346	710594	1095468	1570935	2231015
Forestry	2861	3833	3912	7338	11161	10174	8641
Fishing	10864	42117	48592	57100	86210	123106	193066
Value added	375275	1164204	1326002	1504381	2194031	3285121	4850408
Temporary crops and permanent crops cultivation.....	264898	838258	972701	1088155	1572068	2391744	3569508
Livestock farming, poultry farming, sericulture, apiculture and hunting.....	88184	248095	264895	310126	468633	673897	935133
Forestry	4589	9678	10156	13421	13868	20369	34518
Fishing	17605	68174	78250	92679	139462	199111	311249
(At 1390 constant prices)							
Value added	375275	443917	463789	470759	455867	509612	529864
Temporary crops and permanent crops cultivation.....	264898	315613	325016	325201	311326	355082	372354
Livestock farming, poultry farming, sericulture, apiculture and hunting.....	88184	108296	118304	123603	122253	131830	134189
Forestry	4589	3198	3247	3648	3507	3346	3872
Fishing.....	17605	16810	17222	18306	18781	19354	19449

Source: Statistical Centre of Iran.