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: 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).

Holdings with temporary crops: 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.

Holdings with permanent crops: 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 of these plants in the vase and the like are not included in this activity.

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

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

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

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

Centres for supplying livestock: refers to the centres in which livestock is slaughtered and supplied. Other centres include centres for supplying ornamental birds and fishes.

Centres for supplying raw livestock products: refers to the centres supplying red meat and livestock offal.

Centres for supplying raw poultry products: refers to the centres supplying chicken meat and offal.

Centres for supplying raw aquatic products: refers to the centres supplying aquatic meat.

Other Centres for supplying raw products: refers to the supermarkets, chain stores, centres for meat protein.

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

Layer chicken: A hen that is raised from layer pullets and kept for the production of edible eggs.

Shell-less eggs: eggs lacking the outer hard shell**.**

Breeder chicken: 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 chicks: 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: includes boiler chickens, breeder chickens, ostriches, partridges, indigenous chickens, quails, pheasants, turkeys, ducks, geese, francolinus, see-see partridgse, guineafowls, and bustards.

Greenhouse planting: 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: 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: refers to a set of activities that are done to produce silk and silkworm cocoon

Warmwater fish: refers 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: 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: 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: 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: refers to farmlands in which the required water is supplied for growing crops through irrigation.

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

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

Crop year: 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)**:** 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: 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: comprises installations for irrigating including installation for refilling with water and water conveyance to arable lands with an area of about 60 to 200 hectares. The network is equipped with systems for water control, distribution, delivery, and measurement of water. This kind of network supplies needed water in normal hydrologic conditions at least with an 80% guarantee.

Dam: is a structure built against the flow of water to reserve water or change the direction of flow or manage it for satisfying different needs such as drinking, industry, irrigation (agriculture), electricity generation, and control of flood.

Production: is 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: 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).

Compensation of wage and salary earner: wage, salary and other payments (money, goods, etc.) received by wage and salary earner.

Wage and salary: all payments made, in- kind or in cash, to the wage and salary earners by the establishments.

Other payments (money, goods, etc.): include bonuses, overtime, food and clothing allowances,

commuting allowances, child allowances, spouse allowances, mission allowances, unfavorable climate allowances, employer's share of social security premium, food allowances, bus ticket, etc.

Investment (value of changes in non-financial assets): 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: 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: refers to the company composed of at least 7 natural persons as members who finance either whole or 51 percent of the capital. It is registered according to regulations in the law of the cooperative sector. It should be noted that before determining the minimum number of the cooperatives' members under the mentioned law, some of the cooperatives were established with less than 7 members.

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: activities performed for the reclamation and restoration of watershed areas.

Value-added: Value-added is the additional value created during the production. Gross value added is defined as the value of output less the value of intermediate consumption. Net value added is defined as the value of output less the values of both intermediate consumption and consumption of fixed capital.

Output: Output of a producer unit consists of a set of goods or services that is produced within a producer unit and becomes available for use. ó A share of goods and services which remains incomplete or work-in-progress at the end of one accounting period is accounted for the output of the unit. Goods and services produced in a certain accounting period and consumed in other production processes of the unit within the same period are not accounted for part of the the producer's unit output. There are three types of output: market output, output for own final use and own-account capital formation and other non-market outputs.

Intermediate consumption: Intermediate consumption consists of the value of the goods and services consumed as inputs by a process of production, excluding fixed assets.

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. The share of this part of holders was 0.21% in rural areas and 0.56% in urban areas. The statistics in this publication does not include holders without the questionnaire.

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 hectaters.

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

A number of 13781 agricultural holdings with the area of 6191 hectares were engaged in greenhouses, the products of which are flowers, ornamental plants and various temporary and permanent crops.

Based on the results of this Census, about 1221 thousand holdings were engaged in raising poultry by traditional method, 52192 holdings in apiculture activity and 8644 holdings were carrying out sericulture practice.

In the year 1396, about 620 thousand agricultural holdings were raising cattle. The number of cattle in these holdings was about 4879 thousand, of which 73 percent were female.

In the year 1398, the total volume of the aquatics caught from the northern and southern waters was about 756 thousand tons and the amount of produced aquatics was about 527 thousand tons. Totally, over 1282 thousand tons of aquatics were produced.

Out of the total number of caught aquatics, about 36 thousand tons were from the northern waters and over 720 thousand tons from the southern waters.

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 & Bakhtiyari	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 & Bakhtiyari	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 & Bakhtiyari	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 LAND ON HOLDINGS WITH CROPLAND BY SIZE OF AGRICULTURAL LANDS, THE YEAR 1393 (holding -ha)

Size of agricultural lands	Total		Arable land		Orchard and nurseries	
	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area
Total	***3359409***	***16476609***	***2470140***	***14687053***	***1704194***	***1789555***
Total< 1 ha	***1238159***	***403061***	***598137***	***206576***	***825444***	***196485***
<0.1. ha	220746	9982	49227	2123	181075	7858
0.1 - < 0.2 ha	201699	24982	74596	8349	145382	16633
0.2 - < 0.5 ha	429237	126999	226106	60284	270958	66715
0.5 - < 1 ha	386477	241098	248208	135819	228030	105278
Total of 1- < 5 ha	***1276221***	***2813403***	***1056865***	***2209914***	***571178***	***603489***
1 - < 2 ha	520277	624088	388612	417423	264005	206665
2 - < 3 ha	351239	752363	298469	581840	148458	170523
3 - < 4 ha	230791	721652	207724	594771	93113	126881
4 - < 5 ha	173914	715300	162060	615881	65602	99420
Total of 5 - < 20 ha	***680699***	***5987737***	***654815***	***5476101***	***249061***	***511636***
5 - < 7.5 ha	311784	1802110	296629	1606776	112433	195335
7.5 - < 10 ha	111575	928465	107627	837263	45237	91203
10 - < 15 ha	181699	2035374	176775	1890837	63721	144537
15 - < 20 ha	75642	1221788	73784	1141225	27671	80563
Total of 20 - < 50 ha	***129265***	***3548277***	***126524***	***3364300***	***45079***	***183977***
20 - < 25 ha	57887	1213247	56724	1152933	19239	60314
25 - < 35 ha	46157	1324009	45154	1255751	16543	68258
35 - < 50 ha	25221	1011021	24646	955616	9296	55405
Total of 50 ha and over	***35065***	***3724131***	***33798***	***3430163***	***13432***	***293968***
50 - < 100 ha	25004	1564797	24113	1451431	9454	113366
100 - < 200 ha	7333	901646	7098	838986	2831	62660
200 - < 500 ha	2214	598951	2117	550090	901	48861
500 - < 1000 ha	348	217723	324	192953	159	24770
1000 - < 2000 ha	99	128207	86	105751	52	22456
2000 ha and over	***67***	***312806***	***62***	***290951***	***36***	***21855***

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					
	Number of holdings			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 & Bakhtiyari	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					
	Number of holdings			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					
	Number of holdings			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

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 of holdings (1)	Area	Number of holdings	Area	Number of holdings	Area
1382	2790885	16197169	2639486	11647027	998312	4550142
1393	2470140	14687053	2332771	11117807	654125	3569246
1397(2)	***2369143***	***15580741***	***2245231***	***11069229***	***880976***	***4511512***
East Azarbayejan	152276	1302609	142512	821208	95645	481401
West Azarbayejan	136907	723374	131991	639787	19050	83587
Ardebil	84795	768814	82352	562354	31847	206460
Esfahan	97161	340692	80477	197671	65840	143020
Alborz	5145	43475	5005	37867	1026	5608
Ilam	49020	266213	47386	227789	10908	38425
Bushehr	20814	271408	18381	205536	5531	65872
Tehran	17009	124606	16433	103666	4143	20940
Chaharmahal & Bakhtiyari	44756	185328	43362	141819	12840	43509
South Khorasan	35175	130851	32423	51027	28321	79824
Khorasan-e-Razavi	194267	1538554	186021	877052	132294	661502
North Khorasan	54226	412052	48705	228119	31705	183933
Khuzestan	103070	1391474	97188	1166674	18636	224800
Zanjan	49580	856946	48394	522532	33482	334415
Semnan	23382	140240	22562	82478	11706	57762
Sistan & Baluchestan	65482	231922	49922	134615	34187	97308
Fars	114667	849911	104251	588466	52783	261445
Qazvin	35672	493308	31178	311093	24206	182215
Qom	3321	33359	3209	22248	1934	11111
Kordestan	84180	933976	81186	646232	40975	287744
Kerman	77613	413722	77612	161826	55693	251896
Kermanshah	96296	688621	93602	655614	9278	33006
Kohgiluyeh & Boyerahmad	50276	182546	44206	125751	21215	56795
Golestan	86842	539386	86465	532186	1338	7201
Gilan	209236	161287	207508	155426	7787	5861
Lorestan	117615	672573	113187	586080	19155	86493
Mazandaran	190580	230633	187564	216179	11188	14453
Markazi	48052	605016	47103	365132	32136	239884
Hormozgan	14735	88985	14735	73263	2115	15722
Hamedan	79042	923755	75486	610394	45970	313362
Yazd	27950	35105	24825	19146	18043	15958

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

2. Based on the results of the temporary Crops Survey conducted in the year 1397.

Source: Statistical Center of Iran.

5.6. NUMBER OF HOLDINGS, AREA OF CULTIVATION, AND PRODUCTION OF TEMPORARY CROPS BY PRODUCT

(holding-ha)

Description	Total			Irrigated		Rainfed	
	Number of holdings(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***
Beans (dry)	80966	72417	139330	67079	137181	5338	2149
Peas (dry).....	202781	531431	229443	22002	17385	509430	212058
Rice (paddy)	430180	396877	1956281	396877	1956281	0	0
Cotton (seed cotton)...	28937	52130	145971	50270	144560	1861	1411
Onion	112525	45840	1700943	45554	1699585	286	1358
Barely.....	678868	1765538	2746678	545323	1470132	1220215	1276546
Sugar beet	57039	134759	8388452	134759	8388452	0	0
Melon, honeydew cantaloupe, wild muskmelon.....	32858	62832	1444780	58140	1431502	4692	13278
Cucumber.....	142508	27231	751160	27143	750398	87	762
Sorghum	52980	152873	6089927	150341	6082456	2532	7471
Grain corn.....	19800	103627	693510	103325	693380	302	130
Saffron	107140	47382	152027	47274	151916	108	111
Potato.....	92866	122578	4117462	121928	4111735	649	5727
Colza.....	43216	157743	351498	100870	242968	56873	108529
Wheat.....	1311282	6526587	12704746	1975411	7010441	4551176	5694305
Tomato.....	184671	105943	4894956	105663	4894001	280	955
Sugarcane.....	9	89271	7631923	89271	7631923	0	0
Watermelon	36265	70340	1697838	57267	1681647	13072	16191
Carrot, radish, and turnip.....	70275	15461	324601	15287	323746	174	855
Alfalfa.....	394202	502759	4502999	451546	4408235	51213	94764
Other vegetables	265601	99077	2538616	93307	2511440	5770	27176
Others.....	275286	349244	671356	192408	550915	156835	120441

1. A holder can have both irrigated and rainfed lands. By considering this fact, the total number of holdings is equal or less than the sum of the number of holdings with irrigated lands and the number of rainfed lands.
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 of holdings[1]	Cultivation area	Production	Number of holdings	Cultivation area	Production
1382	1660970	6941286	11676252	957585	2427916	7511968
1393	1330467	6475643	-	642205	2068972	-
1397	***1311282***	***6526587***	***12704746***	***642988***	***1975411***	***7010441***
East Azarbayejan	110915	540569	832070	35285	76445	168563
West Azarbayejan	84943	377381	800540	43191	86788	324020
Ardebil	58850	300513	547170	23737	96071	310921
Esfahan	48043	86729	187885	40656	40626	147857
Alborz	1993	20104	88379	1871	14649	75117
Ilam	33860	139025	221325	13002	53856	156366
Bushehr	11219	152560	55883	854	7113	41546
Tehran	7858	45804	214389	6998	43224	210140
Chaharmahal & Bakhtiyari	32466	67629	99340	17971	23555	61614
South Khorasan	20597	19236	36314	16846	12930	34343
Khorasan-e-Razavi	116452	507845	819802	75432	153456	757017
North Khorasan	33671	126051	169731	14473	33095	106610
Khuzestan	81277	828237	1562633	47437	530971	1472178
Zanjan	33529	372545	580617	6058	15760	56943
Semnan	13523	36537	125969	11019	25631	110576
Sistan & Baluchestan	29046	69635	95848	28453	69129	95722
Fars	68367	287417	787657	49348	188531	741869
Qazvin	22828	209834	553289	12395	52043	340407
Kordestan	69674	503305	958009	14198	31076	156731
Kerman	40824	64304	181103	40629	63804	180631
Kermanshah	71349	318509	752146	28071	73211	322915
Kohgiluyeh & Boyerahmad	33849	77021	81304	9151	14727	47543
Golestan	62047	353904	959031	14619	68287	319312
Mazandaran	78180	298676	552746	29013	68860	246692
Markazi	26232	50871	135370	583	751	3922
Hormozgan	37955	272355	404101	21092	53607	172343
Hamedan	2093	9970	41691	1684	9221	40836
Yazd	55290	365668	803485	19755	53963	258452
Other	24350	24352	56919	19171	14033	49255

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

(holding-ha-ton)

Year and Ostan	Rainfed		
	Number of holdings	Cultivation area	Production
1382	915574	4513370	4164284
1393	787069	4406672	-
1397	***800585***	***4551176***	***5694305***
East Azarbayejan	89238	464123	663507
West Azarbayejan	51960	290593	476520
Ardebil	40744	204443	236249
Esfahan	10608	46103	40027
Alborz	164	5455	13262
Ilam	24717	85169	64959
Bushehr	10496	145447	14337
Tehran	889	2581	4249
Chaharmahal & Bakhtiyari	22847	44073	37726
South Khorasan	4709	6306	1971
Khorasan-e-Razavi	58654	354389	62785
North Khorasan	22962	92956	63122
Khuzestan	37397	297267	90455
Zanjan	31472	356785	523674
Semnan	2602	10906	15393
Sistan & Baluchestan	594	506	127
Fars	23256	98886	45788
Qazvin	11574	157791	212882
Kordestan	64302	472229	801279
Kerman	597	500	471
Kermanshah	55382	245298	429231
Kohgiluyeh & Boyerahmad	26921	62294	33761
Golestan	48725	285617	639719
Mazandaran	61020	229816	306054
Markazi	25656	50120	131448
Hormozgan	23665	218748	231758
Hamedan	416	750	855
Yazd	43812	311705	545033
Other	5204	10319	7664

1. A holder can have both irrigated and rainfed lands. By considering this fact, the total number of holdings is equal or less than the sum of the number of holdings with irrigated lands and the number of rainfed lands.
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 of holdings(1)	Cultivation area	Production	Number	Cultivation area	Production
1382	860964	1817572	2631691	447891	606165	1624515
1393	716236	2070292	-	329600	655179	-
1397	***678868***	***1765538***	***2746678***	***325961***	***545323***	***1470132***
East Azarbayejan	59941	125149	171092	18786	35231	70472
West Azarbayejan	18294	44027	69882	7109	9427	25877
Ardebil	36100	139633	155095	13029	37632	44447
Esfahan	36862	45063	112195	31444	30829	96978
Alborz	1423	8793	34088	1356	8453	33359
Ilam	19666	64041	48630	1068	1422	1912
Bushehr	4422	22966	88839	4240	22357	87933
Tehran	25705	38019	57386	9195	10649	30578
Chaharmahal & Bakhtiyari	18487	14484	28893	16740	11824	28298
South Khorasan	70612	166332	236148	55698	84866	222289
Khorasan-e-Razavi	18343	52728	61757	10977	21574	41788
North Khorasan	27866	121120	114828	3565	32082	66948
Khuzestan	16254	52440	88135	4917	7716	17268
Zanjan	11664	19914	63919	10607	15633	59670
Semnan	20514	19484	24549	19921	19213	24418
Sistan & Baluchestan	33948	124272	110662	15982	37792	98440
Fars	12111	39716	120839	8334	24260	101328
Qazvin	2494	10914	37897	2462	10874	37878
Kordestan	10985	17143	20428	3034	2790	5555
Kerman	32964	20584	40982	31754	18430	38173
Kermanshah	28800	97089	177905	4099	5872	22745
Kohgiluyeh & Boyerahmad	21471	36717	28916	2082	2251	2695
Golestan	12773	84976	123698	1488	3080	8616
Mazandaran	53176	153867	184582	8788	17976	46293
Markazi	10647	15720	23765	632	393	560
Hormozgan	17581	39839	118768	16473	33157	112463
Hamedan	38162	154424	378573	14904	35551	130947
Other	17603	36083	24228	7278	3991	12204

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

(holding-ha-ton)

Year and Ostan	Rainfed		
	Number	Cultivation area	Production
1382	453163	1211407	1007176
1393	413597	1415113	-
1397	***388884***	***1220215***	***1276546***
East Azarbayejan	46082	89918	100620
West Azarbayejan	12367	34601	44005
Ardebil	25646	102001	110648
Esfahan	6569	14234	15216
Alborz	66	340	729
Ilam	19355	62619	46718
Bushehr	233	609	906
Tehran	19788	27370	26808
Chaharmahal & Bakhtiyari	2170	2660	595
South Khorasan	20214	81466	13858
Khorasan-e-Razavi	8846	31154	19969
North Khorasan	24785	89039	47880
Khuzestan	12126	44724	70866
Zanjan	1185	4281	4249
Semnan	594	271	130
Sistan & Baluchestan	19513	86480	12222
Fars	4658	15457	19511
Qazvin	39	40	20
Kordestan	8288	14354	14873
Kerman	2688	2155	2809
Kermanshah	26090	91217	155160
Kohgiluyeh & Boyerahmad	19837	34466	26221
Golestan	11453	81895	115082
Mazandaran	47009	135891	138289
Markazi	10125	15328	23205
Hormozgan	1654	6682	6305
Hamedan	27163	118873	247626
Other	10341	32092	12024

1. A holder can have both irrigated and rainfed lands. By considering this fact, the total number of holdings is equal or less than the sum of the 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 BY OSTAN

(holding-ha-ton)

Year and Ostan	Total			Irrigated		
	Number of holdings	Cultivation area	Production	Number	Cultivation area	Production
1382	517272	465453	1819990	517272	465453	1819990
1393	420441	383013	-	420441	383013	-
1397	***430180***	***396877***	***1956281***	***430180***	***396877***	***1956281***
East Azarbayejan	1910	4529	22592	1910	4529	22592
Khuzestan	9918	44208	211141	9918	44208	211141
Zanjan	2810	5188	25151	2810	5188	25151
Fars	12594	16483	75034	12594	16483	75034
Kohgiluyeh & Boyerahmad	11234	4870	24597	11234	4870	24597
Golestan	14124	18141	89327	14124	18141	89327
Gilan	193908	132350	649915	193908	132350	649915
Lorestan	4136	6147	28435	4136	6147	28435
Mazandaran	153083	148467	741699	153083	148467	741699
Other	26464	16495	88389	26464	16495	88389

Year and Ostan	Rainfed		
	Number of holdings	Cultivation area	Production
1382	0	0	0
1393	0	0	0
1397	***0***	***0***	***0***
East Azarbayejan	0	0	0
Khuzestan	0	0	0
Zanjan	0	0	0
Fars	0	0	0
Kohgiluyeh & Boyerahmad	0	0	0
Golestan	0	0	0
Gilan	0	0	0
Lorestan	0	0	0
Mazandaran	0	0	0
Other	0	0	0

Source: Statistical Centre of Iran.

5.10. NUMBER OF HOLDINGS, AREA AND TYPE OF GREENHOUSE ACTIVITY BY OSTAN, THE YEAR 1393

(holding-ha)

Ostan	Number of holdings	Area	Holding		
			Cultivation of flowers and ornamental plants	Cultivation of temporary crops	Cultivation of permanent crops
Total country	***13781***	***6191***	***3926***	***9961***	***1262***
East Azarbayejan	193	47	71	137	24
West Azarbayejan	78	24	22	50	26
Ardebil	36	10	11	26	6
Esfahan	1805	778	392	1406	154
Alborz	375	137	229	186	56
Ilam	8	2	2	4	2
Bushehr	157	79	3	150	4
Tehran.	1747	1354	494	1303	57
Chaharmahal & Bakhtiyari	40	15	8	29	6
South Khorasan	184	45	31	156	14
Khorasan-e-Razavi	674	146	181	516	47
North Khorasan	81	19	15	65	5
Khuzestan	138	102	78	58	14
Zanjan	87	21	21	54	21
Semnan	219	82	23	184	36
Sistan & Baluchestan	543	263	14	511	33
Fars	247	131	65	177	32
Qazvin	82	43	26	69	13
Qom	100	78	13	25	75
Kordestan	44	32	6	37	6
Kerman	1954	1224	30	1903	29
Kermanshah	75	30	32	49	17
Kohgiluyeh & Boyerahmad	77	34	27	49	3
Golestan	61	38	39	29	15
Gilan	385	65	305	74	112
Lorestan	125	13	92	101	6
Mazandaran	1494	234	1290	275	348
Markazi	532	155	360	177	58
Hormozgan	149	111	8	139	7
Hamedan	120	44	22	95	11
Yazd	1973	838	18	1930	27

Source: Statistical Center of Iran.

5.11. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1396 (holding-head-person)

Ostan	Number of holdings	Number of cattle & calves			Number of holdings	Number of sheep & lambs		
		Total	Female	Male		Total	Female	Male
Total country	***619667***	***4879363***	***3569304***	***1310058***	***801935***	***40029687***	***32263895***	***7765791***
East Azarbayejan	56454	372587	282142	90445	54598	3084222	2398210	686011
West Azarbayejan	52233	317479	229013	88466	48009	3735008	2911043	823965
Ardebil	29297	260046	194217	65829	23969	1684676	1324366	360310
Esfahan	17880	341308	296824	44484	25570	1220874	1007101	213773
Alborz	1441	82141	59793	22348	2305	287223	209161	78063
Ilam	6210	36771	30481	6289	10595	673339	606827	66512
Bushehr	2444	17951	12461	5489	3107	171392	147634	23758
Tehran	3885	336774	205483	131291	4931	778214	610390	167823
Chaharmahal & Bakhtiyari	12510	60342	50133	10209	11724	857557	734448	123108
South Khorasan	6859	25788	19124	6663	37660	652758	519125	133633
Khorasan-e-Razavi	34412	259728	207862	51866	111971	4516783	3879515	637268
North Khorasan	11083	44633	34473	10160	33554	1644837	1356930	287908
Khuzestan	46863	315485	251356	64128	30494	2630698	2254538	376160
Zanjan	17349	95391	72066	23325	21654	876855	690483	186372
Semnan	2799	56930	39213	17717	11322	1344947	1116210	228737
Sistan & Baluchestan	24582	112381	68167	44214	61701	1341158	1031027	310131
Fars	14968	186451	129305	57146	32874	1890174	1494779	395395
Qazvin	12458	193765	102458	91307	12750	834232	631597	202635
Qom	1836	76550	15377	61173	2699	262334	172056	90278
Kordestan	27560	115759	88144	27615	25704	1077591	861632	215959
Kerman	29166	126912	97665	29247	48732	1641253	1289855	351398
Kermanshah	7265	23840	19461	4378	9672	348838	318077	30762
Kohgiluyeh & Boyerahmad	15476	78108	60462	17646	21722	1156298	931739	224559
Golestan	23611	140698	122712	17986	22580	1179551	1020292	159260
Gilan	60875	342400	275506	66894	11728	618348	472123	146225
Lorestan	21474	108368	85976	22392	24136	1708059	1467269	240790
Mazandaran	33023	399626	309978	89648	26032	1178677	948152	230525
Markazi	15520	170173	73699	96474	19242	1235294	833274	402020
Hormozgan	10315	28557	19135	9422	10213	173577	141977	31599
Hamedan	17097	74522	52210	22312	29816	951523	676992	274531
Yazd	2722	77900	64406	13494	10872	273398	207075	66323

5.11. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1396 (continued) (holding-head-person)

Ostan	Number of holdings	Number of goats & kids		
		Total	Female	Male
Total country	***712962***	***15711084***	***12526948***	***3184136***
East Azarbayejan	37580	524601	403928	120673
West Azarbayejan	32844	399363	322081	77282
Ardebil	17432	318881	241954	76927
Esfahan	18525	504978	387142	117837
Alborz	1642	43379	31134	12245
Ilam	10284	269433	237644	31789
Bushehr	9688	305124	253715	51409
Tehran	3807	125782	91185	34597
Chaharmahal & Bakhtiyari	10404	308131	264108	44023
South Khorasan	41441	739232	573918	165313
Khorasan-e-Razavi	81216	721683	582406	139277
North Khorasan	20314	211303	166785	44518
Khuzestan	32747	1218860	1050375	168485
Zanjan	16619	187714	153269	34445
Semnan	8356	357763	287674	70089
Sistan & Baluchestan	94170	1891389	1375057	516331
Fars	47361	2419065	1941231	477834
Qazvin	4463	99334	76453	22880
Qom	1586	46458	28092	18366
Kordestan	18940	224253	176794	47459
Kerman	61670	1837140	1414242	422899
Kermanshah	19633	913257	818909	94348
Kohgiluyeh & Boyerahmad	15304	191800	159298	32502
Golestan	7561	210547	175475	35073
Gilan	4765	78881	59969	18912
Lorestan	19393	375159	307780	67379
Mazandaran	4525	79299	60723	18576
Markazi	11075	168848	121397	47451
Hormozgan	37382	632898	526517	106381
Hamedan	11133	87651	66024	21627
Yazd	11103	218876	171666	47210

5.11. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1396 (continued) (holding-head-person)

Ostan	Number of holdings(1)	Number of buffaloes and calves			Number of holdings	Number of camels and calves		
		Total	Female	Male		Total	Female	Male
Total country	***16303***	***126765***	***000***	***000***	***15208***	***141052***	***000***	***000***
East Azarbayejan	4972	24882	000	000	000	000	000	000
West Azarbayejan	1714	5548	000	000	000	000	000	000
Ardebil	2309	7149	000	000	000	000	000	000
Esfahan	000	000	000	000	000	000	000	000
Alborz	000	000	000	000	000	000	000	000
Ilam	000	000	000	000	000	000	000	000
Bushehr	000	000	000	000	000	000	000	000
Tehran	000	000	000	000	000	000	000	000
Chaharmahal & Bakhtiyari	000	000	000	000	000	000	000	000
South Khorasan	000	000	000	000	805	8891	000	000
Khorasan-e-Razavi	000	000	000	000	000	000	000	000
North Khorasan	000	000	000	000	000	000	000	000
Khuzestan	5589	77045	000	000	000	000	000	000
Zanjan	000	000	000	000	000	000	000	000
Semnan	000	000	000	000	000	000	000	000
Sistan & Baluchestan	000	000	000	000	6541	61862	000	000
Fars	000	000	000	000	000	000	000	000
Qazvin	000	000	000	000	000	000	000	000
Qom	000	000	000	000	000	000	000	000
Kordestan.	000	000	000	000	000	000	000	000
Kerman	000	000	000	000	2425	12970	000	000
Kermanshah	000	000	000	000	000	000	000	000
Kohgiluyeh & Boyerahmad	000	000	000	000	000	000	000	000
Golestan	000	000	000	000	1217	3594	000	000
Gilan	779	5328	000	000	000	000	000	000
Lorestan	000	000	000	000	000	000	000	000
Mazandaran	000	000	000	000	000	000	000	000
Markazi	000	000	000	000	000	000	000	000
Hormozgan	000	000	000	000	2662	13002	000	000
Hamedan	000	000	000	000	000	000	000	000
Yazd	000	000	000	000	000	000	000	000

1. *In the livestock survey conducted in the year 1396, estimation on buffaloes and camels was not possible by all Ostans.*

Source: Statistical Center of Iran.

5.12. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE 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[(1)]	***801935***	***40029687***	***712962***	***15711084***	***619667***	***4879363***
East Azarbayejan	54598	3084222	37580	524601	56454	372587
West Azarbayejan	48009	3735008	32844	399363	52233	317479
Ardebil	23969	1684676	17432	318881	29297	260046
Esfahan	25570	1220874	18525	504978	17880	341308
Alborz	2305	287223	1642	43379	1441	82141
Ilam	10595	673339	10284	269433	6210	36771
Bushehr	3107	171392	9688	305124	2444	17951
Tehran	4931	778214	3807	125782	3885	336774
Chaharmahal & Bakhtiyari	11724	857557	10404	308131	12510	60342
South Khorasan	37660	652758	41441	739232	6859	25788
Khorasan-e-Razavi	111971	4516783	81216	721683	34412	259728
North Khorasan	33554	1644837	20314	211303	11083	44633
Khuzestan	30494	2630698	32747	1218860	46863	315485
Zanjan	21654	876855	16619	187714	17349	95391
Semnan	11322	1344947	8356	357763	2799	56930
Sistan & Baluchestan	61701	1341158	94170	1891389	24582	112381
Fars	32874	1890174	47361	2419065	14968	186451
Qazvin	12750	834232	4463	99334	12458	193765
Qom	2699	262334	1586	46458	1836	76550
Kordestan	25704	1077591	18940	224253	27560	115759
Kerman	48732	1641253	61670	1837140	29166	126912
Kermanshah	9672	348838	19633	913257	7265	23840
Kohgiluyeh & Boyerahmad	21722	1156298	15304	191800	15476	78108
Golestan	22580	1179551	7561	210547	23611	140698
Gilan	11728	618348	4765	78881	60875	342400
Lorestan	24136	1708059	19393	375159	21474	108368
Mazandaran	26032	1178677	4525	79299	33023	399626
Markazi	19242	1235294	11075	168848	15520	170173
Hormozgan	10213	173577	37382	632898	10315	28557
Hamedan	29816	951523	11133	87651	17097	74522
Yazd	10872	273398	11103	218876	2722	77900

1.The livestock survey was conducted in the months of Tir and Mordad of the year 1396.
Source: Statistical Center of Iran.

5.13. 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		
		Holding	Sheep milked	Milk production	Holding	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***
East Azarbayejan	486556	51635	1469897	78915	34489	276273	24468
West Azarbayejan	398939	44908	1670043	60389	29565	194543	13184
Ardebil	301627	21293	809924	32933	16109	188511	13138
Esfahan	974538	5279	105767	6832	12639	192352	8949
Alborz	227718	1663	115568	4120	1343	17595	1451
Ilam	53767	4427	197826	8677	6438	127159	7168
Bushehr	15436	847	29954	1659	4118	79093	5529
Tehran	946595	2633	203679	15002	2585	54720	3720
Chaharmahal & Bakhtiyari	138766	3427	159952	2832	7965	211735	8833
South Khorasan	79225	23939	226598	5136	35313	311608	13350
Khorasan-e-Razavi	854890	88689	2451842	47474	65065	378703	13010
North Khorasan	87544	26372	626497	15271	13659	82872	2751
Khuzestan	234737	7988	216861	11826	19477	484248	28002
Zanjan	142244	19409	337782	22556	14646	89552	8217
Semnan	138311	4600	475725	7898	4524	134412	4795
Sistan & Baluchestan	80279	21620	216000	10953	53882	327199	19949
Fars	451778	16440	496697	14502	37588	923164	35794
Qazvin	307610	2037	65644	3540	2263	19945	1848
Qom	64446	624	18993	1063	687	9544	808
Kordestan	129093	22450	423062	15131	16767	115723	8442
Kerman	162374	34807	625564	20060	52611	639704	30285
Kermanshah	65035	2159	39213	1296	19138	514535	27061
Kohgiluyeh & Boyerahmad	127317	18589	562949	16080	13752	104226	5505
Golestan	133064	6026	279673	5915	2879	61000	1660
Gilan	84692	9486	236490	9503	4061	26988	1189
Lorestan	120112	7705	215739	6446	15117	181161	6280
Mazandaran	251632	14499	401212	15395	2953	32214	1686
Markazi	146911	1804	38067	2259	4080	33596	2132
Hormozgan	22978	1460	13338	353	16195	120364	2996
Hamedan	136500	6348	74895	4628	8304	33498	1939
Yazd	208112	1450	41121	1072	10169	114630	7487

5.13. 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		
	Number of 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***
East Azarbayejan	52306	158663	383174
West Azarbayejan	49475	122237	325366
Ardebil	28144	97876	255556
Esfahan	16529	155374	958757
Alborz	1100	30636	222147
Ilam	5819	21165	37922
Bushehr	1992	5272	8247
Tehran	2495	110169	927873
Chaharmahal & Bakhtiyari	11366	26086	127101
South Khorasan	6385	12524	60739
Khorasan-e-Razavi	32519	133407	794405
North Khorasan	11086	20610	69522
Khuzestan	44277	116500	194908
Zanjan	15118	36735	111471
Semnan	2251	20951	125617
Sistan & Baluchestan	14964	30705	49377
Fars	13956	81997	401482
Qazvin	9943	51013	302222
Qom	959	9375	62575
Kordestan	27611	57974	105519
Kerman	26220	49555	112029
Kermanshah	7101	11563	36679
Kohgiluyeh & Boyerahmad	14534	38213	105732
Golestan	19063	53227	125489
Gilan	48090	114925	73999
Lorestan	20812	52040	107386
Mazandaran	31059	129790	234551
Markazi	13651	33568	142521
Hormozgan	7626	10496	19629
Hamedan	17504	33960	129933
Yazd	2716	33576	199554

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.

5.14. 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		
	Number of holdings	Number of shorn livestock	Wool production	Number of 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***
East Azarbayejan	53134	2339576	3075913	1652	28528	39730
West Azarbayejan	47421	3237865	4260830	13710	124357	84908
Ardebil	24113	1617715	1671414	278	3564	1524
Esfahan	24184	976907	655527	1556	33261	13481
Alborz	2107	213975	174366	68	1612	978
Ilam	10074	590494	839755	3063	117398	67764
Bushehr	2550	150175	129699	1381	44326	22230
Tehran	4714	691641	479011	2017	91005	53874
Chaharmahal & Bakhtiyari	11716	802645	664392	2817	81786	24921
South Khorasan	33143	456816	315636	29200	337195	120558
Khorasan-e-Razavi	104492	3882248	3891006	9258	84304	42130
North Khorasan	34292	1299602	1190291	1568	8202	3280
Khuzestan	28429	1925534	2685365	8157	335861	279482
Zanjan	21455	622212	570216	2637	16717	9978
Semnan	9462	959690	552246	1384	40613	13424
Sistan & Baluchestan	40472	655801	585358	30331	456265	343121
Fars	28089	1396562	1250730	5659	183550	92277
Qazvin	11824	611841	560591	1190	34297	27542
Qom	1377	125460	148978	18	72	88
Kordestan	24937	769915	645661	7169	61632	30256
Kerman	46698	1262121	587449	37450	901171	289826
Kermanshah	8790	319719	264516	10029	399411	165939
Kohgiluyeh & Boyerahmad	21286	1037579	1092018	4831	50113	30825
Golestan	20143	1041819	677503	3792	72715	26671
Gilan	10953	507292	397294	3098	55851	23120
Lorestan	20999	1142852	2213570	3718	41680	25338
Mazandaran	24509	1090890	871174	2143	39735	23170
Markazi	18461	951782	768176	2667	35693	24800
Hormozgan	5955	101634	57633	7696	137863	46326
Hamedan	30922	720855	530319	135	715	342
Yazd	8403	178827	114635	996	13625	4568

Source: Statistical Center of Iran.

5.15. HOLDINGS WITH ACTIVITIES ON PERMANENT CROPS AND THEIR PRODUCTION BY OSTAN

(holding –ton)

Year and Ostan	Number of holdings with activities on permanent crops	Production of permanent crops
1386	2560560	11215762
1389	2378903	10959841
1394	1809781	12178844(1)
1396	1694334	11623634(2)
1398	***1597297***	***12902069***
East Azarbayejan	97401	1134424
West Azarbayejan	86720	1235660
Ardebil	24023	188930
Esfahan	80184	336251
Alborz	24294	180497
Ilam	4105	7403
Bushehr	16059	117197
Tehran	25927	245098
Chaharmahal & Bakhtiyari	24820	87520
South Khorasan	43199	105541
Khorasan-e-Razavi	124908	398202
North Khorasan	29714	89847
Khuzestan	23528	300703
Zanjan	41951	297463
Semnan	35106	114742
Sistan & Baluchestan	57764	382171
Fars	76090	1135893
Qazvin	47756	382034
Qom	6854	12059
Kordestan	43834	87733
Kerman	145660	1998159
Kermanshah	23606	73647
Kohgiluyeh & Boyerahmad	17332	69387
Golestan	14801	129331
Gilan	106278	289759
Lorestan	23364	89776
Mazandaran	173786	2505866
Markazi	42717	362210
Hormozgan	27020	197876
Hamedan	55898	208793
Yazd	52596	137897

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

2. The actual number for the production of permanent crops for 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, sore cherries types of plums and green plums, etc. is actual figure but is an estimation for products such as oranges, tangerines, etc.

Source: Statistical Centre of Iran.

5.16. NUMBER AND AREA OF HOLDINGS WITH ORCHARDS AND NURSERIES BY OSTAN

(holding-ha)

Year and Ostan	Total orchards and nurseries		Single cropping (monocropping)		Mixed cropping (multi cropping)	
	Number of holdings(1)	Area	Number of holdings	Area	Number of 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***
East Azarbayejan	96650	95787	38234	40841	68203	54947
West Azarbayejan	85152	104803	60192	69422	37523	35381
Ardebil	22072	31147	13018	23326	12605	7820
Esfahan	80142	71033	44489	55912	49046	15121
Alborz	24291	20873	4930	8735	21410	12138
Ilam	4093	4607	1363	2504	2891	2103
Bushehr	14588	21385	13214	20085	1519	1300
Tehran	25796	33232	6059	18056	20814	15176
Chaharmahal & Bakhtiyari	24650	25921	18418	20412	9600	5509
South Khorasan	43199	42053	26924	32981	21843	9072
Khorasan-e-Razavi	124097	172623	76363	130663	60203	41959
North Khorasan	29459	32024	16832	18540	16236	13484
Khuzestan	23247	46426	18906	39490	4551	6937
Zanjan	40714	46462	31749	30406	18399	16056
Semnan	32839	39748	8994	21231	25053	18517
Sistan & Baluchestan	44006	58184	30927	50097	14362	8087
Fars	75433	154315	54978	116565	26363	37750
Qazvin	47194	65022	34221	42729	20982	22293
Qom	6649	9893	2544	8288	4712	1605
Kordestan	43216	28419	28676	15864	30479	12555
Kerman	137816	341361	96335	246541	45889	94819
Kermanshah	23447	24918	6780	5559	18586	19359
Kohgiluyeh & Boyerahmad	16627	20141	9927	12062	8871	8079
Golestan	12200	19610	5516	15037	7512	4572
Gilan	85699	58057	60060	46974	32586	11083
Lorestan	22987	22632	11129	11352	12694	11281
Mazandaran	153897	111269	96192	70216	68565	41054
Markazi	42013	54223	29422	35974	22880	18249
Hormozgan	20794	33924	17356	25070	4669	8854
Hamedan	54935	27793	36415	14134	26380	13659
Yazd	51928	73140	32757	66287	20755	6853

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 sum of holdings with mixed and single orchards and nurseries.
Source: Statistical Centre of Iran.

5.17. BROILER CHICKEN FARMS AND THEIR HALLS CAPACITY [1] BY OSTAN (1000 fowls)

Year and Ostan	Number of farms			Capacity	
	Total	In operation	Out of operation	Total	With automatic feeder system[2]
1383	17267	14216	3051	225729	49879
1388	17192	15207	1985	260241	-
1390	17192	13878	3314	245616	123352
1391	18097	14356	3741	265467	154369
1394	18093	12573	5520	274299	199062
1396	20520	15447	5073	412525	-
1397	***20520***	***15322***	***5198***	***412525***	***-***
East Azarbayejan	890	666	224	13955	-
West Azarbayejan	615	505	110	14123	-
Ardebil	305	254	51	5821	-
Esfahan	1922	1288	634	39938	-
Alborz	202	99	103	3825	-
Ilam	354	238	116	6274	-
Bushehr	206	171	35	6439	-
Tehran	239	125	114	8380	-
Chaharmahal & Bakhtiyari	186	167	19	4019	-
South Khorasan	824	685	139	11160	-
Khorasan-e-Razavi	1921	1331	590	31411	-
North Khorasan	102	84	18	2401	-
Khuzestan	843	653	190	17255	-
Zanjan	207	177	30	6127	-
Semnan	422	293	129	9994	-
Sistan & Baluchestan	219	163	56	5635	-
Fars	1226	825	401	30319	-
Qazvin	515	417	98	10861	-
Qom	306	217	89	6077	-
Kordestan	775	672	103	14102	-
Kerman	757	529	228	10648	-
Kermanshah	766	372	394	9641	-
Kohgiluyeh & Boyerahmad	131	88	43	2692	-
Golestan	911	780	131	29008	-
Gilan	842	747	95	20184	-
Lorestan	648	501	147	13338	-
Mazandaran	1933	1642	291	37669	-
Markazi	675	463	212	13281	-
Hormozgan	354	206	148	7979	-
Hamedan	495	392	103	8291	-
Yazd	729	572	157	11677	-

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
2. Not collected for some years.
Source: Statistical Centre of Iran.

5.18. QUANTITY AND VALUE OF PRODUCTION AT BROILER CHICKEN FARMS

(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***	-	-	-	-	-
East Azarbayejan	95331	-	-	-	-	-
West Azarbayejan	91980	-	-	-	-	-
Ardebil	34901	-	-	-	-	-
Esfahan	176246	-	-	-	-	-
Alborz	9272	-	-	-	-	-
Ilam	43851	-	-	-	-	-
Bushehr	31696	-	-	-	-	-
Tehran	18584	-	-	-	-	-
Chaharmahal & Bakhtiyari	24085	-	-	-	-	-
South Khorasan	62424	-	-	-	-	-
Khorasan-e-Razavi	200238	-	-	-	-	-
North Khorasan	17975	-	-	-	-	-
Khuzestan	92654	-	-	-	-	-
Zanjan	44171	-	-	-	-	-
Semnan	61898	-	-	-	-	-
Sistan & Baluchestan	23801	-	-	-	-	-
Fars	167201	-	-	-	-	-
Qazvin	64905	-	-	-	-	-
Qom	32054	-	-	-	-	-
Kordestan	99665	-	-	-	-	-
Kerman	51580	-	-	-	-	-
Kermanshah	54691	-	-	-	-	-
Kohgiluyeh & Boyerahmad	11107	-	-	-	-	-
Golestan	230485	-	-	-	-	-
Gilan	190818	-	-	-	-	-
Lorestan	83695	-	-	-	-	-
Mazandaran	317334	-	-	-	-	-
Markazi	62545	-	-	-	-	-
Hormozgan	29205	-	-	-	-	-
Hamedan	55008	-	-	-	-	-
Yazd	60361	-	-	-	-	-

Source: Statistical Centre of Iran.

5.19. 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
1385	1432	5096	76046
1388	1380	4271	69221
1390	1286	4043	68359
1391	1350	4358	71113
1394	1402	5426	75767
1397	***1746***	***5102***	***98425***
East Azarbayejan	263	656	10689
West Azarbayejan	16	45	459
Ardebil	17	21	385
Esfahan	209	529	11216
Alborz	114	456	7140
Tehran	122	593	12757
Chaharmahal & Bakhtiyari	6	7	233
South Khorasan	34	61	1537
Khorasan-e-Razavi	285	671	11838
Norh Khorasan	3	3	55
Khuzestan	17	60	762
Zanjan	20	49	1119
Semnan	39	99	1862
Sistan & Baluchestan	5	18	782
Fars	65	179	4228
Qazvin	64	319	8729
Qom	173	570	9153
Kordestan	9	15	419
Kerman	30	123	1496
Kermanshah	18	35	918
Kohgiluyeh & Boyerahmad	4	4	170
Golestan	20	84	2326
Lorestan	16	21	657
Mazandaran	23	43	978
Markazi	92	255	3929
Hamedan	32	73	1321
Yazd	47	107	3141
Other Ostans[2]	3	6	128

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.
2. Including Ilam, Bushehr, Gilan and Hormozgan Ostans.
Source: Statistical Centre of Iran.

5.20. QUANTITY AND VALUE OF PRODUCTION TYPES AT LAYER CHICKEN AND PULLET FARMS BY OSTAN

(ton; mln rials)

Year and Ostan	Edible eggs		Cull[1]		Manure	
	Quantity	Value	Quantity	Value	Quantity	Value
1384	576478	3021222	23301	91212	498321	45873
1387	725367[2]	-	-	-	-	-
1389	686531[2]	8548520	13937	137027	478298	116679
1390	558659[2]	12132039	16315	181233	397089	127486
1393	777119[2]	23646947	16933	342802	519146	567909
1396	***673689***[2]	-	-	-	-	-
East Azarbayejan	67762	-	-	-	-	-
West Azarbayejan	3016	-	-	-	-	-
Ardebil	2388	-	-	-	-	-
Esfahan	90154	-	-	-	-	-
Alborz	57787	-	-	-	-	-
Tehran	21230	-	-	-	-	-
Chaharmahal & Bakhtiyari	2023	-	-	-	-	-
South Khorasan	16232	-	-	-	-	-
Khorasan-e-Razavi	125792	-	-	-	-	-
North Khorasan	0	-	-	-	-	-
Khuzestan	2679	-	-	-	-	-
Zanjan	7736	-	-	-	-	-
Semnan	20757	-	-	-	-	-
Sistan & Baluchestan	1755	-	-	-	-	-
Fars	24595	-	-	-	-	-
Qazvin	53734	-	-	-	-	-
Qom	49492	-	-	-	-	-
Kordestan	3133	-	-	-	-	-
Kerman	16101	-	-	-	-	-
Kermanshah	7315	-	-	-	-	-
Kohgiluyeh & Boyerahmad	1656	-	-	-	-	-
Golestan	16728	-	-	-	-	-
Lorestan	5816	-	-	-	-	-
Mazandaran	3820	-	-	-	-	-
Markazi	26982	-	-	-	-	-
Hamedan	15822	-	-	-	-	-
Yazd	28161	-	-	-	-	-
Other Ostans[3]	1026	-	-	-	-	-

1. Chicken culled for various reasons and/or delivered to slaughterhouses at the end of the raising period can be used as meat.
2. Including edible eggs, shell-less and broken eggs.
3. Including Ilam, Bushehr, Gilan *and Hormozgan Ostans.*
Source: Statistical Centre of Iran.

5.21. NUMBER AND CAPACITY OF LIVESTOCK AND POULTRY SLAUGHTERHOUSES IN OPERATION, THE YEAR 1398

Ostan	Poultry slaughterhouse	
	Number	Capacity of slaughter (fowl per hour)
Total country	***222***	***803350***
East Azarbayejan	9	36000
West Azarbayejan	11	54000
Ardebil	4	20000
Esfahan	18	44000
Alborz	5	12000
Ilam	1	8000
Bushehr	2	6000
Tehran	18	48000
Chaharmahal&Bakhtiyari	3	6000
South Khorasan	3	8000
Khorasan-e-Razavi	14	50000
North Khorasan	3	6000
Khuzestan	11	53000
Zanjan	5	8000
Semnan	7	18000
Sistan&Baluchestan	2	8500
Fars	14	44000
Qazvin	5	12050
Qom	1	6000
Kordestan	5	14000
Kerman	12	28000
Kermanshah	5	23000
Kohgiluyeh&Boyerahmad	3	8000
Golestan	12	58800
Gilan	7	38000
Lorestan	10	34000
Mazandaran	13	68000
Markazi	5	28000
Hormozgan	5	20000
Hamedan	4	14000
Yazd	5	22000

Sources: Ministry of Agriculture-Jahad.

5.22. NUMBER OF CENTRES FOR SUPPLYING LIVESTOCK AND RAW LIVESTOCK PRODUCTS, THE YEAR 1398

Ostan	Centres for supplying Livestock		Centres for supplying raw livestock products			
	Livestock	Other	Livestock	Poultry	Aquatics	Other
Total country	***138***	***0***	***33704***	***30481***	***4014***	***86919***
East Azarbayejan	27	0	3732	1540	205	6341
West Azarbayejan	3	0	1215	1106	96	2041
Ardebil	5	0	1155	1078	109	3122
Esfahan	7	0	2726	3062	167	1379
Alborz	0	0	471	580	32	745
Ilam	0	0	2728	367	58	977
Bushehr	0	0	212	368	251	1232
Tehran	3	0	45	170	15	662
Chaharmahal&Bakhtiyari	1	0	790	940	51	7573
South Khorasan	3	0	368	476	60	1849
Khorasan-e-Razavi	7	0	2903	2494	268	19310
North Khorasan	1	0	413	412	4	240
Khuzestan	5	0	1028	801	429	364
Zanjan	4	0	516	810	22	1417
Semnan	3	0	233	280	4	3958
Sistan&Baluchestan	1	0	877	2041	172	3075
Fars	6	0	1708	1513	268	5349
Qazvin	4	0	494	510	6	319
Qom	1	0	604	473	44	1807
Kordestan	6	0	843	1330	116	2270
Kerman	2	0	2392	2518	297	3953
Kermanshah	3	0	944	806	53	234
Kohgiluyeh&Boyerahmad	2	0	510	373	14	2326
Golestan	5	0	609	665	52	338
Gilan	3	0	1373	1354	227	1548
Lorestan	7	0	0	0	0	0
Mazandaran	4	0	1981	2316	527	2663
Markazi	4	0	684	462	21	1071
Hormozgan	1	0	158	464	165	5266
Hamedan	11	0	638	544	39	465
Yazd	9	0	1354	628	242	5025

Sources: Iran Veterinary Organization,
Ministry of Agriculture-Jahad.

5.23. NUMBER OF LIVESTOCK QUARANTINE STATIONS, THE YEAR 1398

Ostan	Total	Border	Inland
Total country	***199***	***51***	***148***
East Azarbayejan	13	2	11
West Azarbayejan	11	5	6
Ardebil	3	1	2
Esfahan	4	1	3
Alborz	3	1	2
Ilam	3	1	2
Bushehr	3	1	2
Tehran	10	3	7
Chaharmahal&Bakhtiyari	6	0	6
South Khorasan	5	2	3
Khorasan-e-Razavi	14	5	9
North Khorasan	1	0	1
Khuzestan	10	6	4
Zanjan	5	0	5
Semnan	3	0	3
Sistan&Baluchestan	12	5	7
Fars	8	0	8
Qazvin	2	0	2
Qom	3	0	3
Kordestan	13	9	4
Kerman	8	0	8
Kermanshah	4	2	2
Kohgiluyeh&Boyerahmad	4	0	4
Golestan	4	1	3
Gilan	6	2	4
Lorestan	4	0	4
Mazandaran	6	3	3
Markazi	15	0	15
Hormozgan	8	1	7
Hamedan	5	0	5
Yazd	3	0	3

Sources: Iran Veterinary Organization
Ministry of Agriculture-Jahad.

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***
Dairy cattle	14018	2120266
Beef cattle only	7691	998037

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	Cows and calves in 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***
East Azarbayejan	46929	33625	12241	1063
West Azarbayejan	15740	13702	1786	252
Ardebil	27771	21635	6011	125
Esfahan	232099	179531	52342	226
Alborz	76016	74498	1252	266
Ilam	3627	3088	514	25
Bushehr	10977	701	9461	815
Tehran	489476	304924	93333	91219
Chaharmahal & Bakhtiyari	24908	22894	2004	10
South Khorasan	15021	13386	1507	128
Khorasan-e-Razavi	121193	108448	12657	88
North Khorasan	7599	5794	1805	0
Khuzestan	30206	6478	21982	1746
Zanjan	17149	13983	3090	76
Semnan	44223	30239	12600	1384
Sistan & Baluchestan	8481	1795	6023	663
Fars	127764	109114	16828	1822
Qazvin	99930	75924	23880	126
Qom	58606	24887	26887	6832
Kordestan	13398	12258	619	521
Kerman	31304	29123	2009	172
Kermanshah	21583	20910	561	112
Kohgiluyeh & Boyerahmad	5176	4175	895	106
Golestan	20615	16904	3572	139
Gilan	3226	1506	849	871
Lorestan	14806	10990	2604	1212
Mazandaran	20409	16235	2701	1473
Markazi	80533	38973	39830	1730
Hormozgan	3144	924	2023	197
Hamedan	28675	26741	1893	41
Yazd	47970	5973	41991	6

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	Cows and calves in 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***
East Azarbayejan	41989	32492	8996	501
West Azarbayejan	11902	10810	1011	81
Ardebil	24358	21350	2985	23
Esfahan	222603	174927	47511	165
Alborz	70757	69762	840	155
Ilam	1494	1311	183	0
Bushehr	1841	568	1180	93
Tehran	267207	253502	12608	1097
Chaharmahal & Bakhtiyari	23955	21993	1952	10
South Khorasan	14176	12726	1322	128
Khorasan-e-Razavi	115770	103776	11908	86
North Khorasan	6107	5334	773	0
Khuzestan	17610	5964	11215	431
Zanjan	14009	12409	1544	56
Semnan	36023	27727	8277	19
Sistan & Baluchestan	1938	721	944	273
Fars	107933	97903	9895	135
Qazvin	89188	74845	14319	24
Qom	24996	19287	5667	42
Kordestan	6619	6382	182	55
Kerman	28369	27224	1083	62
Kermanshah	17281	17064	197	20
Kohgiluyeh & Boyerahmad	3707	3386	321	0
Golestan	18733	16222	2436	75
Gilan	1954	1107	483	364
Lorestan	10690	8969	1463	258
Mazandaran	18273	15757	1842	674
Markazi	35508	29491	5848	169
Hormozgan	1326	357	879	90
Hamedan	26127	24715	1385	27
Yazd	46948	5973	40970	5

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		Dairy cattle farms	
			Quantity	Value	Quantity	Value
1374	1007	513634	2415[1]	17755	2229[1]	16173
1378	1215	1247549	2000[1]	35060	1865[1]	32775
1385	2415	6624859	3233	197484	2680	169334
1388	3216	-	-	-	-	-
1391	3793	31934432	2741	559675	-	-
1394	4087	47533616	3230	1504284	-	-
1397	***5004***	***90352891***	***7697***	***4323936***	**-**	**-**
East Azarbayejan	119	2096729	127	32015	-	-
West Azarbayejan	26	422644	41	15191	-	-
Ardebil	65	1043374	476	262848	-	-
Esfahan	973	18174488	997	688623	-	-
Alborz	245	4295282	311	112008	-	-
Ilam	5	81014	29	6879	-	-
Bushehr	3	83021	16	23698	-	-
Tehran	1106	20042801	1649	673596	-	-
Chaharmahal & Bakhtiyari	76	1404180	271	325625	-	-
South Khorasan	48	805884	22	4607	-	-
Khorasan-e-Razavi	409	7308335	370	312975	-	-
North Khorasan	17	277916	33	16351	-	-
Khuzestan	42	792272	89	22444	-	-
Zanjan	55	1019639	67	41657	-	-
Semnan	113	2004528	169	161341	-	-
Sistan & Baluchestan	5	61108	17	12874	-	-
Fars	451	8025806	434	468001	-	-
Qazvin	441	8050229	257	97239	-	-
Qom	99	1924457	245	110538	-	-
Kordestan	19	376012	84	17082	-	-
Kerman	72	1443373	153	160575	-	-
Kermanshah	76	1362331	69	48231	-	-
Kohgiluyeh & Boyerahmad	18	354527	21	5773	-	-
Golestan	47	860628	206	86957	-	-
Gilan	4	79817	8	4521	-	-
Lorestan	28	497391	54	20602	-	-
Mazandaran	68	1213525	96	34470	-	-
Markazi	107	1707843	277	129792	-	-
Hormozgan	3	43269	731	148214	-	-
Hamedan	94	1493588	230	91900	-	-
Yazd	170	3006879	148	187309	-	-

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 (1000 carcasses- 1000 tons)

Ostan	Sheep and lamb		Goats and kids		Cattles and calves		Buffaloes and calves		Camels and calves	
	Number	Weight	Number	Weight	Number	Weight	Number	Weight	Number	Weight
1380[1]	8743	141	2264	29	1645	229	50	8	67	13
1385[1]	9870	166	2914	39	1518	246	46	7	27	5
1390	5673	104	1842	27	1382	250	26	4	27	6
1394	10236	184	2552	37	1278	245	29	5	22	5
1395	9709	176	2388	35	1183	228	24	5	24	5
1396	8609	162	2223	34	1134	223	22	4	33	7
1397	6397	121	1907	28	1003	203	20	4	25	5
1398	***5868***	***116***	***1599***	***24***	***820***	***173***	***14***	***3***	***27***	***5***
East Azarbayejan	268	5.38	20	//	52	10.76	3	0.70	//	//
West Azarbayejan	42	0.97	12	//	32	7.09	2	//	0	0.00
Ardebil	122	2.52	8	//	18	3.4	2	//	0	0.00
Esfahan	956	18.21	402	5.73	48	13.01	0	0.00	3	0.65
Alborz	102	1.63	5	//	18	4.95	0	0.00	0	0.00
Ilam	18	//	7	//	3	0.62	0	0.00	0	0.00
Bushehr	6	//	12	//	2	//	0	0.00	//	//
Tehran	1152	16.14	19	//	156	26.52	0	0.00	//	//
Chaharmahal & Bakhtiyari	109	2.33	17	//	7	1.43	0	0.00	//	//
South Khorasan	27	0.57	14	//	3	0.67	0	0.00	1	//
Khorasan-e-Razavi	1089	31.27	51	0.92	70	18.86	0	0.00	1	//
North Khorasan	34	0.71	19	//	5	1.18	0	0.00	//	//
Khuzestan	176	2.48	165	2.02	29	4.39	6	1.10	//	//
Zanjan	25	0.56	3	//	14	3.37	0	0.00	0	0.00
Semnan	71	1.38	28	//	5	1.16	0	0.00	1	//
Sistan & Baluchestan	69	1.33	4	//	33	6.82	0	0.00	12	2.57
Fars	158	3.07	300	4.78	33	8.68	0	0.00	1	//
Qazvin	88	1.69	9	//	36	10.20	0	0.00	0	0.00
Qom	274	4.93	30	0.55	7	1.50	0	0.00	//	//
Kordestan	28	0.71	9	//	20	4.38	0	0.00	0	0.00
Kerman	92	1.49	78	0.92	18	3.24	0	0.00	4	0.59
Kermanshah	68	1.37	12	//	21	3.85	0	0.00	0	0.00
Kohgiluyeh & Boyerahmad	29	//	26	//	1	//	0	0.00	0	0.00
Golestan	111	1.77	18	//	8	1.62	0	0.00	//	//
Gilan	79	1.52	64	1.04	61	11.31	1	//	0	0.00
Lorestan	122	2.35	25	//	28	6.07	0	0.00	0	0.00
Mazandaran	189	3.11	75	1.10	43	7.42	0	0.00	0	0.00
Markazi	72	1.53	57	0.88	18	3.54	0	0.00	0	0.00
Hormozgan	18	//	21	//	5	1.10	0	0.00	1	//
Hamedan	124	2.54	18	//	18	3.77	0	0.00	0	0.00
Yazd	151	3.63	68	1.30	5	1.44	0	0.00	3	0.65

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

(ha- mln cum)

Crop year, regional water organizations and irrigation and drainage networks	Area under cultivation	Volume of water inflow into the network
1380[1]	778694	7464.0
1389-90	702119	11864.3
1393-94	982267	12063.0
1394-95	1004292	12465.8
1395-96	927097	13734.7
1396-97	972154	10121.1
1397-98	***1464611***	***13846.9***
East Azarbayejan	***12730***	***30.2***
Sufichay	6000	18.3
Sattarkhan	4000	11.9
Bonab-e- Marand	730	0.0
Zonooz-e chukhorzamee	2000	0.0
West Azarbayejan	***101515***	***624.4***
Dasht-e-Shiblu	2200	32.7
Dasht-e-Zanganeh	4200	7.3
Zarrinehrud (Miyandoab)	49000	361.0
Mahabad	18200	89.2
Qanbar Kandi	1900	18.2
Hasanlu	5668	23.8
Poldasht	12800	31.2
Sahr-e-Chay	6000	52.0
Zola	1547	9.0
Ardebil	***82897***	***1398.8***
Quri chay	2200	7.7
Moghan	72000	1349.2
Ardebil	7000	20.0
Saghezchee	380	3.5
Seylan	1317	18.4
Esfahan	***163830***	***692.1***
Abshar	28000	169.2
Borkhar(Esfahan)	36000	16.8
Rudashtin	28500	153.3
Karvan (Khamiran)	4500	20.4
Mahyar	17000	13.7
Nekuabad	38400	271.7
Golpayegan	6500	40.2
Hanna	4930	6.7
Alborz	***13000***	***58.8***
Kordan	13000	58.8
Ilam	***34493***	***247.1***
Konjancham(Mehran)	3500	19.2
Holilan	1893	0.9
Doviraj 1 & 2	3500	29.3
Amirabad.	930	0.2
Dasht-e-Abbas.	16450	187.6
Meymeh	2480	6.4
Mulab	2220	1.3
Pahle va Parchineh	700	1.8

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

(ha- mln cu m)

Crop year, regional water organizationsand irrigation and drainage network	Area under cultivation	Volume of water inflow into the network
Saleh Abad	2820	0.6
Bushehr	***27345***	***300.6***
Ahram	775	21.0
Dalaki	8000	154.6
Abikhsh (former Shabankareh)	8200	104.2
Kelel	1120	17.0
Shabankareh	9250	3.8
Tehran	***86600***	***341.6***
Varamin	55000	238.4
Karaj	23000	48.2
Robat Karim	8600	55.0
Chaharmahal & Bakhtiyari	***12800***	***28.5***
Ardal	1500	6.5
Jonaqan	2100	6.8
Gandoman & Boldaji	8000	13.4
Dasht-e Bar Aftab-e- Kalbali Koshteh	1200	1.8
South Khorasan	***5710***	***9.0***
Shahid Parsa-ey- Ferdus	600	1.2
Farokhee	710	0.6
Nahreyen	2200	6.3
Keriet	2200	0.9
Khorasan-e-Razavi	***38415***	***94.8***
Shahid Yaqubi	5900	0.0
Shahid Dehqan Taybad	965	1.5
Tabarakabad	1816	6.0
Sangard	1312	4.9
Kamayestan	800	1.2
Fariman	750	11.7
Doostee	15000	35.1
Zavin	385	0.6
Sedeh	816	4.8
Kardeh	6000	10.9
Torogh	3000	6.2
Ardak	1671	12.0
North Khorasan	***19890***	***62.9***
Shirvan	5713	16.9
Chery	7150	10.9
Esfarayn	780	1.1
Shirin Dareh	5257	24.6
Golaman	770	7.9
Golol	220	1.5
Khuzestan	***293157***	***5950.9***
Avan	5000	75.0
Dez	93750	2554.8
Shavur	3950	102.2
Fajr & Jayzan	5400	95.6
Gotvand	38000	840.6

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

(ha- mln cum)

Crop year, regional water organizations and irrigation and drainage network	Area under cultivation	Volume of water inflow into the network
Marun (Behbahan)	11000	205.4
Veys	14857	185.3
Beneh Basht	3847	17.4
ShahidRajaee	7730	22.9
Shadegan	8023	34.9
Ramshir	18936	118.3
Dareyon	9255	285.8
Damghani	850	2.2
Kowsar	7080	137.2
Karkheh-e- Jonoubee	39860	622.7
Karkheh-e- Shomalee	9866	584.9
Khoramshahr	1000	26.5
Hendijohn	14753	39.3
Semnan	***30000***	***189.5***
Garmsar	28000	185.0
Damghani	2000	4.5
Sistan & Baluchestan	***82187***	***621.5***
Bampur	2000	30.0
Chahnimeh	38937	370.0
Miyankangi	37000	123.5
Bahukalat	4250	98.0
Fars	***56750***	***73.9***
Dorudzan(Ramjerd)	56000	73.9
Iezadkhast	750	0.0
Qazvin	***48517***	***332.6***
Qazvin	48517	332.6
Kordestan	***6048***	***23.7***
Zarivar (Marivan)	1700	0.0
Qeshlaq	1998	3.0
Kamyara	1500	14.8
Legzy	850	5.9
Kerman	***9840***	***43.4***
Jiroft	6900	17.1
Narmashir	2940	26.3
Kermanshah	***17131***	***16.9***
Berimvand.(Dasht-e Zahob)	2000	3.5
Jegarlu.(Qasr-e Shirin)	500	0.7
Ravansar	1000	1.3
Sefidbarg	171	//
Sumar	860	1.6

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

(ha- mln cu m)

Crop year, regional water organizations and irrigation and drainage network	Area under cultivation	Volume of water inflow into the network
Eainlqas	1200	4.2
Nazliyan	1200	2.0
Mian darband	8000	0.0
Bilevar	2200	3.7
Kohgiluyeh & Boyerahmad	***10761***	***50.1***
Servak & Shahqasem	2500	3.5
Dasht-e- rum	1200	1.2
Dasht-e-choram	2010	0.8
Dasht-e-chitab	900	14.8
Lishter & Kheirabad	4031	29.9
Rudyal	120	0.0
Golestan	***25200***	***104.5***
Voshmgir	12000	67.1
Golestan(2)	8600	22.6
Kowsar	1000	4.5
Bustan	3600	10.3
Gilan	***171000***	***2099.0***
Sefidrud & Fumanat(2)	117340	565.1
Fumanat	51000	369.6
Golerud	2660	1164.3
Lorestan	***4365***	***69.2***
Chogholvandi	1800	21.0
Aliabad (Dorud)	400	10.5
Silakhur	1565	34.7
Kaznar Aligoudarz	130	//
Haleh Koohdasht	170	//
Glum Bahri	300	2.2
Mazandaran	***74965***	***267.0***
Tajan	23700	162.7
Alborz	28000	24.8
Gelevard	23265	79.5
Markazi	***19400***	***63.8***
Saveh	19400	63.8
Hormozgan	***14530***	***31.3***
Minab	11430	23.7
Jegien	3100	7.6
Hamedan	***1535***	***20.9***
Shaban Borzul	1535	20.9

1. Statistics for previous years were prepared and presented based on the Solar Year. Since the utilization of irrigation networks corresponds to the crop year, the period of data dissemination changed in the crop year.
2 .It is not utilized just for agricultural consumption; depending on the objectives and situation of different networks, they are used for drinking, sanitation, manufacturing, raising of aquatics, and environmental consumption (the share of non-agricultural consumption changes from 0% to 35%).
Source: Ministry of Energy.

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

Crop	Crop year							
	1380	1385	1390	1394	1395	1396	1397	1398
Wheat	875	2050	3600	11500	12705	13000[1]	13000	14700
Barley	694	1520	2900	9200	10028	10300	10300	11639
Grain corn	775	1620	3000	9600	10368	10650	10860	12272
Peas	1560	3600	6800	22200	24640	26858	27932	33240
Navy beans	1868	3500	×	21000	23940	26096	27140	32025
Kidney beans	1723	3000	6000	21000	24150	24948	25946	30616
Pinto beans	2240	3500	6200	21000	23940	26103	37147	32033
Lentils	1905	3800	6800	23000	26450	28831	29984	35981
Sugar beets	225	460	900	2700	2916	3091[2]	3122	3403
Cotton (cotton seed)	2428	4500	9000	25500	29325	21964	21964	36119
Soybeans	1568	3200	5200	19700	22655	24694	24694	27904
Sunflower seeds	1818	3400	6000	21500	24510	26644	26644	30108
Potatoes	380	883	1450	3600	3888	4121[3]	4121	4668
Onions	327	627	900	2400	2592	2748[4]	3748	5534

1. Referring to the price for regular wheat. Price for the second round wheat is 13300 Rials.
2. Referring to the price of spring sugar beet. Price for fall sugar beet is 2975 Rials
3. Referring to the price of spring potatoes, the prices of fall potato and potato for a continuity plan are 4237 and 4897 Rials, respectively.
4. Referring to the price of spring onions. Prices for fall onions and onions of continuity plans are 2825 and 3005 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
1380	1049	819	2385	2479	3688	2427	257	2801	6054
1385	2068	1603	3765	6847	6477	5326	497	4835	14360
1390	3412	3542	9509	11488	16390	13550	933	11377	31898
1394	11535	8822	26418	25110	46720	36648	2609	24424	65195
1395	12423	8540	35828	41126	56646	45798	2955	30081	71501
1396	12897	9817	39733	52574	78577	49787	3413	29974	80712
1397	13050	11787	48477	53650	90389	49314	3241	56846	1117142
1398	***17224***	***18770***	***63893***	***59347***	***104429***	***57603***	***4164***	***65453***	***190337***
East Azarbayejan	17447	20671	-	67094	109338	71388	28526	-	-
West Azarbayejan	16620	19625	-	52853	112721	70000	4158	-	-
Ardebil	16423	18490	-	57574	119060	50497	4500	60218	-
Esfahan	18335	18406	82517	65662	114447	72577	-	-	-
Albor	16059	17265	-	42726	-	-	-	-	-
Ilam	17077	17014	-	74677	79827	55595	4192	-	-
Bushehr	17177	18909	-	-	-	-	-	-	-
Tehran	17682	18611	-	-	117610	-	-	-	-
Chaharmahal & Bakhtiyari	17574	20098	-	56628	105939	53530	3870	-	-
South Khorasan	17735	20291	-	-	-	-	-	70176	-
Khorasan-e-Razavi	17333	18506	-	60083	-	49673	5110	70493	-
North Khorasan	16970	18580	-	59774	80144	50384	4618	72100	-
Khuzestan	17304	20746	37842	-	-	-	2715	-	-
Zanjan	17296	20779	52178	50203	114527	59547	4812	-	-
Semnan	17275	17649	-	-	116171	44519	5054	64750	-
Sistan & Baluchestan	16567	14858	-	-	-	-	-	-	-
Fars	17486	17796	86150	69876	85916	67470	4106	63555	-
Qazvin	17094	19783	-	67839	125168	65813	5217	-	-
Qom	17325	18112	-	-	139234	-	-	70492	-
Kordestan	17080	18824	-	59185	104307	70418	-	-	110000
Kerman	17962	17163	-	-	-	-	-	-	-
Kermanshah	17125	21241	-	54440	-	79496	3903	-	-
Kohgiluyeh & Boyerahmad	16947	18184	71947	88955	101575	70594	-	-	-
Golestan	17038	16137	53065	54554	114090	51700	3500	59075	191101
Gilan	-	-	81302	-	76824	-	-	-	-
Lorestan	17153	20577	-	61318	109345	62358	3739	-	-
Mazandaran	17091	17082	67749	-	-	-	-	-	190546
Markazi	17159	19008	-	54842	101000	69600	-	-	-
Hormozgan	18648	-	-	-	-	-	-	-	-
Hamedan	17320	19089	-	50883	-	64872	4022	-	-
Yazd	20458	18865	-	-	-	-	-	-	-

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
1380	3903	2618	650	437	617	531	580	604	758[1]
1385	12230	3794	1598	1033	2161	1671	1308	1059	1328
1390	35802	8467	3002	1520	5488	2158	1837	2682	3103
1394	107862	25734	5382	3642	11382	5372	7157	5433	8077
1395	111940	33527	6962	4567	10057	4217	4826	3846	6929
1396	100057	36628	6597	3113	10514	6767	9856	5938	8116
1397	136796	32970	14453	8860	20692	12448	11351	16680	11594
1398	***149329***	***93470***	***15832***	***7110***	***20219***	***23689***	***23195***	***15339***	19160
East Azarbayejan	-	-	14518	9920	20637	22306	16778	11813	19816
West Azarbayejan	-	122835	-	4101	17734	17000	19489	8533	17210
Ardebil	-	-	6535	4190	13941	27139	20903	9172	18074
Esfahan	145151	-	16726	9347	26042	24862	13436	23824	17865
Alborz	-	-	-	-	24855	29135	10150	14827	21698
Ilam	-	-	-	8996	16242	-	20000	19111	14073
Bushehr	193904	-	28978	14223	29034	-	32075	21174	17321
Tehran	-	-	-	-	20384	20289	26244	18276	17756
Chaharmahal & Bakhtiyari	-	-	-	-	15192	16119	-	-	20368
South Khorasan	-	-	18621	9883	33940	-	20328	22415	21130
Khorasan-e-Razavi	103333	-	12271	5295	19307	21479	10579	9434	18889
North Khorasan	-	23000	-	-	18766	24095	16116	5314	18108
Khuzestan	-	-	27182	14317	15404	18049	18141	41924	13521
Zanjan	-	-	8693	4372	25480	19954	14169	6828	20559
Semnan	-	-	13530	6571	24478	19516	16401	13628	18982
Sistan & Baluchestan	146304	-	11167	9552	20000	-	20205	18998	12173
Fars	-	-	17425	5776	34982	23778	11249	9980	19667
Qazvin	-	-	13635	5886	16609	19927	20272	7040	20576
Qom	-	-	18175	8011	-	-	14931	-	20075
Kordestan	-	-	-	10163	27589	16347	19305	16481	19263
Kerman	-	-	-	15348	17755	31738	35486	23636	17254
Kermanshah	-	-	-	-	20235	15908	11984	7612	21057
Kohgiluyeh & Boyerahmad	-	-	-	9292	23038	-	22068	24762	21064
Golestan	-	25913	13027	8984	17090	33828	15566	12036	-
Gilan	-	-	21181	8458	30806	-	48481	25610	-
Lorestan	-	-	-	5000	16362	15163	10000	11781	19479
Mazandaran	-	-	20718	5083	35644	-	31783	19216	-
Markazi	-	-	11482	2354	27478	18832	16764	20061	18987
Hormozgan	-	-	25108	18385	39085	30685	62108	31277	-
Hamedan	-	-	-	4518	26845	23779	10146	7519	19801
Yazd	-	-	14074	10469	27011	-	13542	19302	20017

1. In the year 1380, the price of dried alfalfa and clover was included together.
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
1380	992	1721	1314	874	1354	1589	946	22649	4772	10364
1385	2790	2709	3204	2046	2786	3131	3240	30461	12763	21283
1390	7428	11525	14901	5835	5791	5443	7902	30059	47323	53093
1394	12808	35861	42005	12458	14495	15958	15664	292411	126425	183887
1395	15268	30412	48057	10117	7580	24272	16382	245559	147080	207124
1396	14039	28737	36861	13947	8965	27032	20072	247354	144828	199412
1397	31367	44202	56342	28438	14440	36727	28525	796312	308102	322247
1398	***27364***	***66002***	***60986***	***33539***	***16116***	***93173***	***33044***	***911728***	***759791***	***467595***
East Azarbayejan	32183	44451	47418	43652	-	-	-	-	385060	416223
West Azarbayejan	26278	52767	-	36143	-	-	-	-	290087	383650
Ardebil	17240	52247	48141	48253	-	-	-	-	-	428519
Esfahan	24611	72323	-	41536	-	-	24932	-	1267018	466899
Alborz	37028	87979	71970	43501	-	-	-	-	-	513474
Ilam	37232	61954	62979	52801	25810	-	40000	-	350000	374476
Bushehr	-	-	-	-	-	83217	-	-	-	-
Tehran	32230	96011	49916	39738	-	-	46638	616949	-	451872
Chaharmahal & Bakhtiyari	18955	63400	-	21638	-	-	-	-	1078507	719015
South Khorasan	52424	73170	-	40794	-	151007	27737	-	274931	634466
Khorasan-e-Razavi	30233	67030	44122	44208	-	-	26896	858679	267258	457177
North Khorasan	23678	-	77981	28799	-	-	-	-	237742	452758
Khuzestan	-	-	-	38313	24372	80605	47985	-	-	498076
Zanjan	14579	24468	35000	26227	24000	-	24395	-	-	303765
Semnan	31799	70873	91468	26419	-	-	36358	1343624	438461	535154
Sistan & Baluchestan	-	-	-	39210	-	116101	-	-	-	-
Fars	18636	55116	-	21694	48833	68501	41606	900400	236093	480370
Qazvin	29905	-	87472	36747	-	-	36653	969464	255321	494759
Qom	27659	45341	43512	33501	-	-	34047	-	310966	540066
Kordestan	29313	53921	38612	40564	-	-	43171	-	234530	332185
Kerman	57500	47637	-	38636	32223	122377	38064	971511	343727	458038
Kermanshah	41137	58830	-	36255	-	121875	36756	-	345454	434579
Kohgiluyeh & Boyerahmad	27911	70820	-	36172	30916	-	44603	-	250000	529969
Golestan	22721	-	48701	-	18586	-	36326	-	-	366314
Gilan	-	-	52161	-	26520	-	10960	-	-	336271
Lorestan	32177	51940	-	28816	-	-	29295	-	335185	460222
Mazandaran	-	-	65865	-	14853	-	31579	-	-	-
Markazi	33555	78719	-	36019	-	-	31482	-	280216	458987
Hormozgan	-	-	-	-	42642	60731	-	-	-	-
Hamedan	30560	46940	-	34622	-	-	-	-	250000	494024
Yazd	69840	73583	130000	32554	-	-	24286	-	260337	456190

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 1384-85		The crop year 1389-90		The year crop 1390-91	
	Production cost	Cost price	Production cost	Cost price	Production cost	Cost price
Irrigated wheat	5231670	1436	8939550	2620	20112370	5380
Rainfed wheat	1403370	1599	2957690	3150	5964550	5510
Irrigated barley	4116960	1469	10813530	3280	19587110	5540
Rainfed barley	1350890	1712	2829060	3640	5692700	6040
Irrigated grain corn	7341900	1008	9741880	1580	28555280	4280
Rainfed forage maize	0	0	0	0	26450200	520
Irrigated peas	4086560	3478	7117420	8690	26571660	20790
Rainfed peas	1960230	4741	4058770	8920	7090900	13110
Irrigated lentils	4459670	4962	11354620	11150	20843290	19630
Rainfed lentils	2073850	5364	4640050	8480	8152100	14430
Irrigated sunflower	7356290	4349	12206030	6170	29570210	17540
Rainfed sunflower	2117150	2717	4320830	6100	8976090	11150
Irrigated cotton	8443130	3456	14290380	5530	25864490	10330
Rainfed cotton	2873600	2535	0	0	0	0
Sugar beets	11179050	323	25216610	530	42743480	940
Irrigated watermelons	10088710	397	20948170	840	44412740	1640
Rainfed watermelons	2704070	561	8207490	1100	15895170	1220
Irrigated cucumbers	18617830	945	35536630	1750	96523930	4060
Irrigated potatoes	19819240	770	44459940	1540	82304380	2260
Irrigated onions	16719320	531	23684480	750	82241730	2510
Irrigated tomatoes	21195640	616	44056310	1270	77258700	2310
Irrigated navy beans	8142080	3622	13190420	8750	36685200	19410
Irrigated kidney beans	7966250	3044	14222730	8250	35526640	17710
Irrigated pinto beans	9652740	4354	20124890	9000	42849630	16210
Irrigated spring soybeans	5508730	2250	10285150	4750	28260680	14270
Rainfed spring soybeans	4263530	3057	5204100	2570	17051670	6810
Irrigated summer soybeans	5508080	2357	8105760	4710	17343840	7090
Rainfed summer soybeans	2693840	2538	5893770	3940	16730010	7540
Quality long grain rice	18511450	4938	33112010	8530	56530140	14420
High-yielding long grain rice	12569820	2106	22938130	4440	43720200	9930
Quality mid-size rice	16050140	4061	36382550	7960	40077460	10820
Short grain rice	10663970	2857	14683200	5350	82199340	14850
High-yielding short-size grain rice	0	0	0	0	0	0
High-yielding mid-size grain rice	14612310	2580	40613920	7490	50435330	9130
Paddy	14372920	3524	29115390	7730	39137450	12030
Irrigated alfalfa	0	0	17062250	1720	30501700	2800
Rainfed alfalfa	0	0	4145400	1280	10566190	1980
Irrigated clover	0	0	0	0	24506050	2460
Irrigated colza	5703110	2521	9015350	3900	19715090	9450
Rainfed colza	4265290	2202	6552460	3670	13502180	9600

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

Crop	The crop year 1393-94		The crop year 1394-95	
	Production cost	Cost price	Production cost	Cost price
Irrigated wheat	29150740	7840	33240560	8620
Rainfed wheat	9583880	9480	11478490	8570
Irrigated barley	27016660	8270	24845050	6840
Rainfed barley	8424650	9730	9371410	7760
Irrigated grain corn	45977930	6790	41879750	5950
Rainfed forage maize	42350160	950	46576550	950
Irrigated peas	25505260	24220	39904740	30280
Rainfed peas	9395680	23260	13974760	27670
Irrigated lentils	20151470	26450	31795250	26880
Rainfed lentils	10598360	26300	14049310	26970
Irrigated sunflower	33404750	23540	36918980	23610
Rainfed sunflower	4814470	13490	10325370	17530
Irrigated cotton	46524140	15210	48814540	15580
Rainfed cotton	0	0	0	0
Sugar beets	68851600	1490	81240860	1600
Irrigated watermelons	63625640	2320	83861460	2660
Rainfed watermelons	24910310	2520	31938070	3380
Irrigated cucumbers	81617540	3930	157523460	5900
Irrigated potatoes	107422180	3590	151583100	4740
Irrigated onions	97411960	2250	134648850	3220
Irrigated tomatoes	107664610	2860	135625330	3380
Irrigated navy beans	46167250	21400	47332410	22950
Irrigated kidney beans	50061540	21830	65391260	28480
Irrigated pinto beans	53887430	22100	48237570	26990
Irrigated spring soybeans	28028910	11570	0	0
Rainfed spring soybeans	23879340	10990	0	0
Irrigated summer soybeans	31119870	11730	29540830	9660
Rainfed summer soybeans	17024610	9930	20420080	9310
Quality long grain rice	82599900	20780	112934290	27610
High-yielding long grain rice	70036120	10000	83286220	13020
Quality mid-size rice	34882030	11400	44264650	14290
Short grain rice	67910910	19510	75370550	16090
High-yielding short-size grain rice	73091320	15020	65489100	10540
High-yielding mid-size grain rice	70706230	12250	0	0
Paddy	53959300	20530	78547850	20150
Irrigated alfalfa	41877360	4240	48775280	4240
Rainfed alfalfa	11357840	4280	8929570	5090
Irrigated clover	29971940	4330	35014190	3760
Irrigated colza	25133020	12370	28845070	14560
Rainfed colza	8734690	6420	14633340	10150

5.32. AVERAGE PRODUCTION COSTS PER HECTARE AND COST PRICES [1] PER KILOGRAM OF SELECTEDTEMPORARY CROPS (continued)

(rial)

Crop	The Crop year 1395-96		The Crop year 1396-97	
	Production cost	Cost price	Production cost	Cost price
Irrigated wheat	32364650	8030	39077120	9810
Rainfed wheat	10279920	11780	13070370	10370
Irrigated barley	27596680	7560	39385100	10430
Rainfed barley	9252370	10170	10966890	9910
Irrigated grain corn	43935750	5920	55629140	7610
Rainfed forage maize	48938350	1000	66919920	1330
Irrigated peas	45411720	29990	49890090	40530
Rainfed peas	16490470	33720	15665450	31970
Irrigated lentils	32613320	29590	50271830	36350
Rainfed lentils	15934140	33970	15599120	31900
Irrigated sunflower	42406840	29510	59750210	37180
Rainfed sunflower	11640460	21360	9868680	23000
Irrigated cotton	54459670	18370	83031640	26550
Rainfed cotton	0	0	0	0
Sugar beets	87158570	1640	115890540	2070
Irrigated watermelons	90892340	3020	106727070	2960
Rainfed watermelons	43472480	4260	66531050	3910
Irrigated cucumbers	140858800	6090	143084270	4740
Irrigated potatoes	144640590	4270	193716360	5340
Irrigated onions	117064920	3580	138746870	3700
Irrigated tomatoes	148562280	4000	170290400	3830
Irrigated navy beans	60828470	31030	96146780	42390
Irrigated kidney beans	67159190	29420	95979190	43650
Irrigated pinto beans	69544480	34410	85739930	37790
Irrigated spring soybeans	38531660	16240	36551650	18540
Rainfed spring soybeans	34496250	15660	26962470	11320
Irrigated summer soybeans	35182100	14110	39053580	16560
Rainfed summer soybeans	0	0	24291320	16560
Quality long grain rice	95801670	23170	138022570	33820
High-yielding long grain rice	87347210	12730	118095330	18270
Quality mid-size rice	52775370	16860	62849110	21410
Short grain rice	72548800	12070	155140570	29290
High-yielding short-size grain rice	0	0	0	0
High-yielding mid-size grain rice	81581120	15050	138506140	20370
Paddy	83078010	21380	96688370	25710
Irrigated alfalfa	52205570	4300	70585770	5580
Rainfed alfalfa	12461130	5600	11735890	6000
Irrigated clover	31252490	3010	38225390	3180
Irrigated colza	32404150	15030	42975890	18440
Rainfed colza	15889320	13190	25174290	16980

1. Cost price of one kilogram of selected temporary crops excluding by-product.
Sources: Ministry of Agriculture-Jahad.
Statistical Centre of Iran.

5.33. DOMESTIC PRODUCTION AND SALE OF SELECTED AGRICULTURAL MACHINER BY MANUFACTURING ESTABLISHMENTS (unit)

Year	Tractor		Combine		Plough	
	Production	Sale	Production	Sale	Production	Sale
1380	5452	4727	240	225	6856	6688
1385	12208	12560	523	537	7031	4644
1390	23688	23985	163	164	4406	4081
1393	23931	22671	1014	931	6278	5809
1394	13733	14195	241	328	6739	7634
1395	13636	14243	233	225	4275	5422
1396	21112	17819	1069	979	1962	2060
1397	***000***	***000***	***000***	***000***	***000***	***000***

Source: Statistical Center of Iran.

5.34. PRODUCTION OF RED MEAT, MILK, CHICKEN MEAT, EGG AND HONEY (1000 tons)

Year and Ostan	Red meat	Milk	Chicken	Egg	Honey (ton)
1380	743	5748	885	581	26100
1385	829	7752	1360	677	36000
1390	740	7685	1783	700	50700
1394	806	9140	2123	931	77400
1395	823	9653	2069	940	81500
1396	835	10184	2237	888	88240
1397	829	10589	2355	902	90497
1398	***859***	***11002***	***2733***	***1017***	***112509***
East Azarbayejan	52	554	76	96	15018
West Azarbayejan	47	393	101	11	21470
Ardebil	29	276	49	6	7343
Esfahan	49	1375	203	97	7358
Alborz	12	411	16	92	353
Ilam	15	91	47	1	1352
Bushehr	8	40	44	1	986
Tehran	34	1227	70	168	1268
Chaharmahal & Bakhtiyari	22	270	33	3	2912
South Khorasan	14	116	68	14	186
Khorasan-e-Razavi	75	1066	191	96	3340
North Khorasan	16	104	22	2	2874
Khuzestan	42	341	113	8	2642
Zanjan	14	151	53	11	1273
Semnan	14	166	62	18	444
Sistan & Baluchestan	20	71	38	6	65
Fars	62	633	188	48	11776
Qazvin	27	573	62	75	905
Qom	12	144	34	74	336
Kordestan	20	116	89	6	1856
Kerman	34	279	61	16	1824
Kermanshah	24	229	67	11	5455
Kohgiluyeh & Boyerahmad	11	76	15	4	1328
Golestan	29	386	237	30	1111
Gilan	23	181	204	20	5915
Lorestan	29	252	85	7	2725
Mazandaran	47	508	258	14	5242
Markazi	25	304	74	38	1112
Hormozgan	7	25	40	2	143
Hamedan	31	387	63	17	3478
Yazd	15	256	69	22	418

Source: Ministry of Agriculture-Jahad.

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

Description	Number	Members	Workers	Capital (mln rials)
Registered cooperatives(1)				
1380	13929	218982	108749	992771
1385	25730	345771	190503	1392819
1390	37320	459202	292382	3146011
1394	47315	588403	417920	11700568
1395	48328	614127	431598	12267855
1396	49472	631897	444127	42969552
1397	50750	648471	456447	16828563
1398	***51721***	***661030***	***466838***	***17649995***
Cooperatives under establishment				
1380	965	35531	9504	51407
1385	4613	72303	37474	140032
1390	5664	62125	51341	739081
1394	7574	82224	91245	1526950
1395	7395	89114	94466	1914359
1396	7192	84264	92509	1849976
1397	7453	84801	94692	2251895
1398	***8031***	***94521***	***102142***	***2834902***
Cooperatives in operation				
1380	8006	118595	69787	804515
1385	14119	190318	109659	1063415
1390	16485	211851	134807	1869834
1394	16096	222799	153372	5802381
1395	14795	220006	133344	6475993
1396	14754	221447	134242	37032322
1397	14954	229099	138335	10376016
1398	***14933***	***226957***	***137133***	***10597337***

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

Ostan	Number	Members	Workers	Capital (mln rials)
East Azarbayejan	467	6605	4551	75853
West Azarbayejan	244	2979	2470	193771
Ardebil	350	3391	2385	111376
Esfahan	524	14107	5466	199187
Alborz	62	1710	777	97384
Ilam	648	10111	5319	93879
Bushehr	586	4334	7417	99697
Tehran	426	16844	7318	98802
Chaharmahal & Bakhtiyari	428	3782	3538	50307
South Khorasan	158	2843	1328	130007
Khorasan-e-Razavi	1122	25044	9595	574758
North Khorasan	244	2498	1807	44055
Khuzestan	819	7473	7266	201878
Zanjan	282	4249	2057	46981
Semnan	345	3194	2387	174934
Sistan & Baluchestan	369	3608	3187	79600
Fars	937	18018	8952	626788
Qazvin	139	2443	1522	92903
Qom	192	1880	1563	154017
Kordestan	248	4706	1816	565818
Kerman	1008	14501	8664	92745
Kermanshah	645	9674	7876	41177
Kohgiluyeh & Boyerahmad	404	3488	3179	56924
Golestan	826	13659	6494	310229
Gilan	514	8304	6532	259295
Lorestan	413	5150	2826	71641
Mazandaran	1078	15491	10665	5825067
Markazi	409	4922	1713	62223
Hormozgan	541	6269	5018	55692
Hamedan	193	2531	1759	38722
Yazd	312	3149	1686	71627

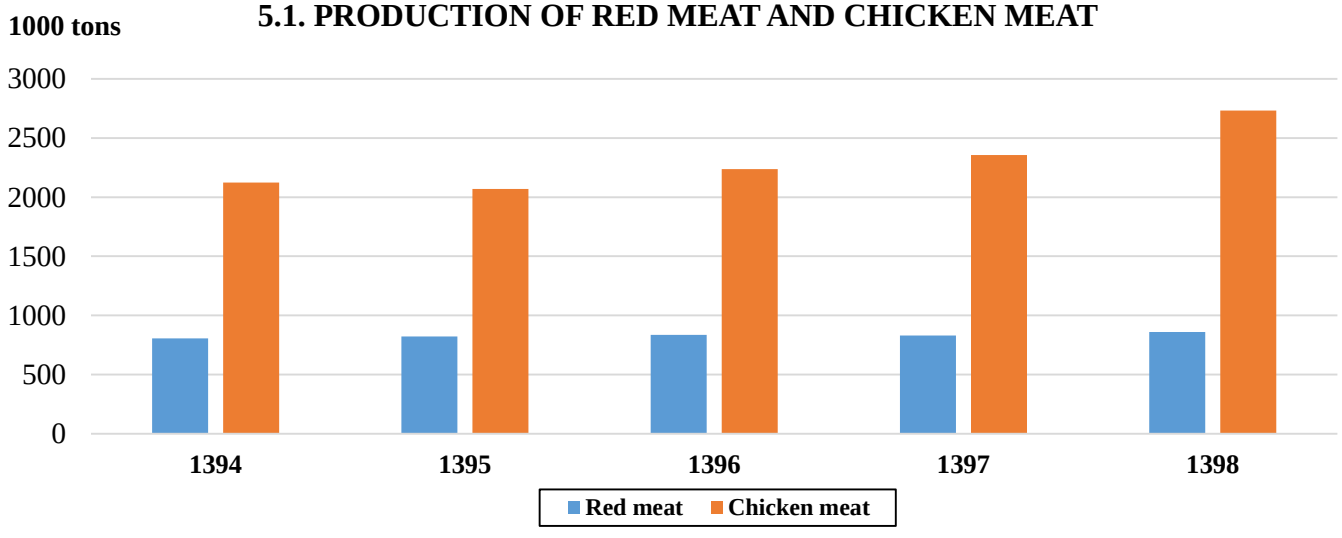
1. Including in operation, non-operational and under establishment cooperatives.
Source: Ministry of Cooperatives, Labour and Social Welfare.

5.36. 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)
1380	1827	970609	221822
1385	2008	1010551	404366
1390	1997	1068541	836954
1394	1902	1019276	2374637
1395	1904	1047684	2643657
1396	1877	1048580	2598232
1397	1957	1051389	2899761
1398	***2001***	***1070118***	***3305330***
Poultry farming	321	22716	1638150
Livestock farming	589	580264	1116306
Wheat farming	82	27670	54397
Permanent crops farming	100	149336	90975
Apiculture	219	72284	101007
Combine harvester management	9	845	1389
Range management	24	8182	17887
Mechanization	38	4776	6414
Others	619	204045	278805

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 5.34

5.37. GENERAL SPECIFICATION OF AGRICULTURAL COOPERATIVES COVERED BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY OSTAN AT THE END OF THE YEAR 1398

Ostan	Number	Members
Total country	***2001***	***1070118***
East Azarbayejan	186	90382
West Azarbayejan	67	34865
Ardebil	34	20003
Esfahan	168	98990
Alborz	43	5602
Ilam	101	3412
Bushehr	14	5757
Tehran	55	10143
Chaharmahal & Bakhtiyari	58	7930
South Khorasan	77	35504
Khorasan-e-Razavi	189	131159
North Khorasan	38	13822
Khuzestan	45	21224
Zanjan	13	2200
Semnan	39	12489
Sistan & Baluchestan	31	2374
Fars	100	67054
Qazvin	52	18010
Qom	15	18815
Kordestan	84	22657
Kerman	35	19458
Kermanshah	90	31376
Kohgiluyeh & Boyerahmad	39	5097
Golestan	31	14054
Gilan	103	116903
Lorestan	31	26581
Mazandaran	77	98710
Markazi	56	31014
Hormozgan	44	9438
Hamedan	49	73282
Yazd	37	21813

Source: Central Organization of Rural Cooperatives.

5.38. AREA OF AFFORESTATION[1] AND SAPLING PRODUCTION (ha; 1000 saplings)

Year and Ostan	Afforestation			Sapling production[2]
	Total	State-owned	Private	
1380	110692	53912	56780	141317
1385	51167	39871	11296	46876
1390	25254	8370	16885	33386
1394	24342	8433	15909	26894
1395	13933	7069	6864	22344
1396	15202	10937	4265	25502
1397	35294	31275	4019	23801
1398	***53866***	***51635***	***2231***	***19050***
East Azarbayejan	458	458	0	709
West Azarbayejan	674	674	0	14
Ardebil	186	186	0	108
Esfahan	3938	3938	0	194
Alborz	835	835	0	1000
Ilam	17740	17740	0	6000
Bushehr	288	288	0	167
Tehran	156	156	0	0
Chaharmahal & Bakhtiyari	1538	1538	0	36
South Khorasan	180	180	0	250
Khorasan-e-Razavi	408	408	0	20
North Khorasan	520	520	0	138
Khuzestan	3086	3086	0	263
Zanjan	190	190	0	300
Semnan	296	296	0	812
Sistan & Baluchestan	905	405	500	268
Fars	3582	3207	375	735
Qazvin	143	143	0	48
Qom	193	193	0	0
Kordestan	1599	1599	0	840
Kerman	2542	2542	0	253
Kermanshah	985	985	0	310
Kohgiluyeh & Boyerahmad	1810	1810	0	0
Golestan	672	502	170	110
Gilan	830	595	235	1930
Lorestan	3850	3750	100	320
Mazandaran	1362	727	635	2447
Markazi	978	914	64	1003
Hormozgan	2154	2017	137	326
Hamedan	1585	1570	15	370
Yazd	183	183	0	80

1. In the Fourth Plan of Economic, Social and Cultural Development, this project which is called "Afforestation and Development of Green Areas of the country" includes national and provincial afforestation (north and out of the north) and re-cultivation and enrichment of Iran-Turani area and preservation of the North, Arasbaran, Zagros and

2. Including forest, range, desert, public and privet sapling.

Source: Forests, Range and Watershed Management Organization.

5.39. WATERSHED MANAGEMENT ACTIVITIES [1] (ha)

Topic	Year			
	1380	1385	1390	1394
National	***410422***	***3152126***	***1299966***	***405566***
Watershed management in existing dams catchments	54156	179329	106686	14347
Project development	131819	2337885	184542	61257
Watershed management in catchments of dams under construction[4]	66071	56829	55770	31244
Project development	74360	93262	116268	70840
Watershed management in Karkheh dam catchments	8229[5]	34918	18279	704
Project development	11022	87472	45189	3531
Watershed management in the Grate Karun catchments	0[5]	0	18074	4700
Project development	0	0	37885	1998
Watershed management in Sefidrud dam catchments	24085	134399	19741	2806
Project development	40680	78369	36893	6
Watershed management in Atrak catchments	0	0	15555	950
Project development[3]	0	0	17662	675
Watershed management in Golestan flood control catchments (watershed management share)	0	47463	36189	3052
Project development	0	55950	101450	27561
Study and operation of watershed management in catchments lacking dams	0	35000	28549	55958
Project development	0	11250	411802	83539
Study and operation of watershed management in Orumie Lake catchments	0	0	16609	5352
Project development	0	0	9490	5575
Study and operation of watershed management in central desert margin catchments	0	0	5223	5171
Project development	0	0	18110	25800
Study and operation of watershed management in South Khorason Siah Kouh catchments	0	0	0	499
Project development	0	0	0	0
Ostani(provincial)	350958	1318824	946697	316919
Land use improvements plan	50449	104004	168462	45058
Project development	57710	32940	13678	0
Flood control prevention plan	58454	155952	36909	48897
Project development	63758	156883	102394	63257
Watershed management in municipal areas catchments	32774	10363	33829	3463
Project development	25200	12478	52006	2035
Watershed management in border line catchments	4966	25465	35015	3388
Project development	7526	16765	5320	1800
Watershed management in other provincial catchments	20951	2259	0	8402
Project development	29170	7400	0	0
Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project)	0	496297	182619	52240
Project development	0	298018	316465	88379

5.39. WATERSHED MANAGEMENT ACTIVITIES [1] (continued) (ha)

Topic	Year			
	1395	1396	1397	1398[2,3]
National	***402702***	***1018412***	***848662***	***1501157***
Watershed management in existing dams catchments	11264	87966	0	0
Project development	95814	117257	0	0
Watershed management in catchments of dams under construction[4]	9037	96132	0	0[4]
Project development	74784	74010	0	0
Watershed management in Karkheh dam catchments	2949	4377	0	0
Project development	1070	20902	0	0
Watershed management in the Grate Karun catchments	4322	4996	0	0
Project development	4988	4400	0	0
Watershed management in Sefidrud dam catchments	9219	4765	0	0
Project development	0	2923	0	0
Watershed management in Atrak catchments	11050	585	0	0
Project development[3]	5250	7500	0	0[3]
Watershed management in Golestan flood control catchments (watershed management share)	3400	7542	0	0
Project development	38400	1400	0	0
Study and operation of watershed management in catchments lacking dams	24159	98358	0	0
Project development	108093	458976	0	0
Study and operation of watershed management in Orumie Lake catchments	731	7321	0	0
Project development	0	9650	0	0
Study and operation of watershed management in central desert margin catchments	4617	3583	0	0
Project development	3500	4379	0	0
Study and operation of watershed management in South Khorason Siah Kouh catchments	0	1390	0	0
Project development	0	0	0	0
Ostani(provincial)	471358	442661	93374	86560
Land use improvements plan	28455	8073	4718	5274
Project development	18000	0	0	0
Flood control prevention plan	29863	64493	2234	4094
Project development	30500	26176	0	0
Watershed management in municipal areas catchments	6845	8195	0	0
Project development	0	0	0	0
Watershed management in border line catchments	4292	12611	2903	5948
Project development	0	0	0	0
Watershed management in other provincial catchments	8933	2014	40	3594
Project development	0	0	0	0
Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project)	130157	132942	83479	46121
Project development	214313	188156	0	0

1. Zero means lack of any activity or absence of the project in that year
2. National watershed management in the year 1398 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.
3. Other conducted projects in the year 1398 under article 180 (3 percent of oil, gas) were 98729 hectares.
4. Project development means explanatory, detailed, and executive studies for the implementation area of the concerned project. (In the year 1398, in total, 239532 hectares of project development was conducted which cannot be separated due to aggregating the project development in the Ostani (provincial) watershed management.
5. The performance of watershed management in Karun dam catchments in the year 1380 was included in the Karkheh watershed management dam.
Source: Forests, Range and Watershed Management Organization

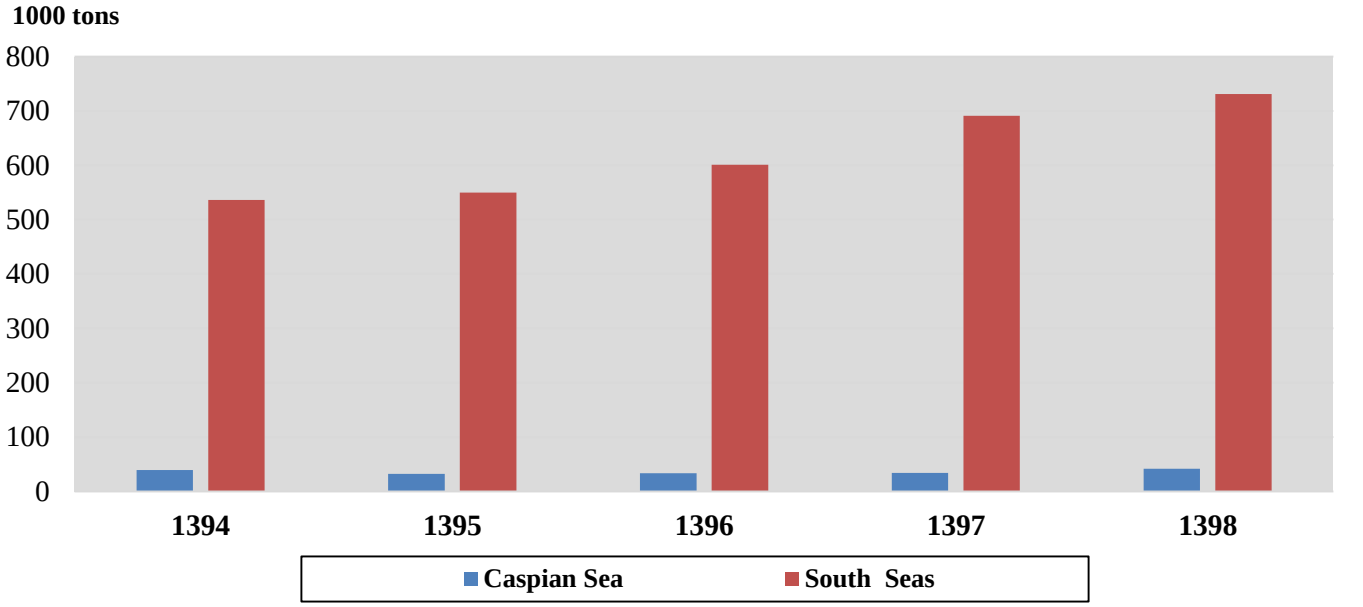
5.40. CATCHES OF VARIOUS AQUATICS BY OSTAN (ton)

Year and Ostan	Grand total	Catches in the Caspian Sea			
		Total	Kilka	Bony fish	Sturgeon
1380	325355	62550	45180	16500	870
1385	420882	46435	22303	23802	330
1390	449729	37831	20717	17034	80
1394	582349	32617	21553	11028	36
1395	634198	33396	22429	10944	23
1396	724817	33643	22602	11012	29
1397	773198	42037	26154	15866	17
1398	***755728***	***35509***	***24586***	***10910***	***13***
Bushehr	59900	0	0	0	0
Khuzestan	48840	0	0	0	0
Sistan & Baluchestan	297985	0	0	0	0
Golestan	857	857	0	852	5
Gilan	9585	9585	4846	4736	3
Mazandaran	25067	25067	19740	5322	5
Hormozgan	313494	0	0	0	0

Year and Ostan	Catches in south waters				
	Total	Small pelagic	Large pelagic	Demersal	Sea shrimps
1380	262805	30805	115000	110060	6940
1385	374447	26311	225374	116811	5951
1390	411897	50161	207438	147437	6861
1394	549732	76212	270977	194202	8341
1395	600802	78507	274533	238342	9420
1396	691174	111831[(1)]	326784	241365	11195
1397	731161	116699	338482	267175	8805
1398	***720219***	***128992***	***297840***	***283450***	***9937***
Bushehr	59900	2497	29318	26519	1566
Khuzestan	48840	1524	6806	35839	4671
Sistan & Baluchestan	297985	4934	180925	111555	571
Golestan	0	0	0	0	0
Gilan	0	0	0	0	0
Mazandaran	0	0	0	0	0
Hormozgan	313494	120037	80791	109537	3129

1. An amount of 31112 tons is the share of the myctophids catch.
Source: Iran Fisheries Organization.

5.2. CATCHES OF VARIOUS AQUATICS



For data see Table 5.40

5.41. AQUACULTRUE PRODUCTION (ton)

Year and Ostan	Total	Aquaculture								
		Cage fish farming	Fish farms			Shrimps farms			Catching from natural and semi-natural resources	Cysts and biomass of Artemia
			Warm water fish farms	Cold water fish farms	Sturgeon farms	Shrimp farms (salt water)	Shrimp farms (fresh water)	Shrimp farms (lobster)		
1380	73645	×	28060	12170	0	7630	6	270	25785	0
1385	154678	×	77463	46275	0	5700	20	250	24970	0
1390	285351	×	132177	106409	312	8026	68	270	38089	0
1394	401548	2853	184064	140632	1071	17795	11	80	55430	0
1395	459521	10162	201097	163325	2146	21331	11	58	61391	0
1396	477269	14050	196005	167830	2618	32332	16	35	64382	0
1397	489205	14100	187399	173384	2839	47859	25	12	63587	0
1398	***526729***	***12442***	***213590***	***182601***	***2516***	***46114***	***13***	***3***	***69404***	***46***
East Azarbayejan	6812	130	108	4932	18	0	0	0	1624	0
West Azarbayejan	15425	0	980	8000	0	0	0	0	6445	0
Ardebil	9655	0	827	3998	20	0	0	0	4810	0
Esfahan	10220	14	1032	8420	4	0	0	0	750	0
Alborz	2500	15	97	2194	2	0	0	0	192	0
Ilam	10098	1200	885	2202	0	0	0	0	5811	0
Bushehr	22267	500	0	0	0	21767	0	0	0	0
Tehran	6772	0	806	5496	0	0	0	0	470	0
South of Kerman (Jiroft and Kahnuj)	2938	0	2540	398	0	0	0	0	0	0
Chaharmahal& Bakhtiyari	22115	2107	0	19840	0	0	0	0	168	0
South Khorasan	1495	0	1177	48	0	0	0	0	259	11
Khorasan-e-Razavi	12290	0	2256	9467	7	0	0	0	560	0
North Khorasan	2250	0	333	1900	0	0	0	0	17	0
Khuzestan	80938	0	66353	1000	7	208	0	0	13370	0
Zanjan	17218	44	107	14894	0	0	3	0	2170	0
Semnan	1262	0	515	747	0	0	0	0	0	0
Sistan (Zabol)	14256	0	1415	169	0	0	0	0	12672	0
Sistan & Baluchestan (Chabahar)	1688	0	38	0	0	1650	0	0	0	0
Fars	10601	0	1300	8528	80	0	0	0	693	0
Qazvin	3998	0	361	3283	21	0	0	0	333	0
Qom	1714	0	1001	680	33	0	0	0	0	0
Kordestan	10638	0	26	4100	0	0	0	0	6509	3
Kerman[1]	2878	0	950	1496	15	0	0	0	414	3
Kermanshah	21590	1230	4480	13430	55	0	13	0	2382	0
Kohgiluyeh & Boyerahmad	16960	0	0	16560	0	0	0	0	400	0
Golestan	19840	100	15949	952	34	405	0	0	2400	30
Gilan	50680	150	42705	5389	657	0	0	0	1783	0
Lorestan	23980	537	1904	18152	2	0	0	0	3385	0
Mazandaran	80818	500	63175	15341	1489	0	0	0	319	0
Markazi	6348	10	96	6069	35	0	0	0	138	0
Hormozgan	29069	5905	605	0	15	22084	0	0	460	0
Hamedan	6301	0	1073	4358	0	0	0	0	870	0
Yazd	1076	0	496	558	22	0	0	0	0	0

Source: Fisheries of Iran.

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

Year	Caviar				Meat			
	Total	Beluga	Asetra	Sevruga	Total	Beluga	Asetra	Sevruga
1380 [1]	88869	3280	64307	21282	68007	73045	47812	128150
1385	31299	4879	24147	2273	329800	74000	22600	33200
1390	6128	1997	3615	516	80831	24577	47582	8672
1394	2391	924	1274	193	35634	12434	20919	2281
1395	1368	369	846	153	23041	5228	15877	1936
1396	2041	854	938	249	28800	9800	16500	2500
1397	1056	404	498	154	17300	5300	10300	1700
1398	***840***	***387***	***335***	***118***	***12727***	***4189***	***7201***	***1337***

1. Since the year 1380, weight of produced caviar has been also included with meat.
Source: Fisheries of Iran.

5.43. PRODUCTION OF VARIOUS FISH FRIES BY SPECIES (1000)

Year	Total	Kutum	Sturgeon	Carps	Salmon	Trout	Bream	Perch	Other
1380	481271	232018	19970	90478	363	94333	15538	7412	21159
1385	687881	174300	13800	144650	611	315500	19300	12890	6830
1390	911101	272681	4854	176000	437	350000	18780	15028	73321
1394	750445	185622	3325	203094	1184	314002	15715	12432	15071
1395	914730	192613	2472	245535	0	371512	15927	13877	72795
1396	862248	183514	2919	186009	810	427468	13688	2835	45005
1397	705848	132421	3231	185833	0	330895	13473	3073	36922
1398	***816355***	***188156***	***2939***	***203134***	***0***	***364827***	***13066***	***3223***	***41010***

Source: Fisheries of Iran.

5.44. FISHING VESSELS BY TYPE

(vessel)

Year and Ostan	Total	Boat	Launch	Ship
1380	11007	7696	3238	73
1385	12120	8670	3403	47
1390	11717	8500	3163	54
1394	11369	8099	3198	72
1395	11359	8080	3189	90
1396	11292	7958	3209	125
1397	11349	7953	3273	123
1398	***11446***	***7954***	***3363***	***129***
Bushehr	2038	1479	538	21
Khuzestan	1690	1074	616	0
Sistan & Baluchestan	2340	1413	927	0
Golestan	202	202	0	0
Gilan	298	268	30	0
Mazandaran	313	269	44	0
Hormozgan	4565	3249	1208	108

Source: Fisheries of Iran.

5.45. NUMBER OF WORKERS IN FISHERIES SECTOR (CATCHING)

Ostan	Year							
	1380	1385	1390	1394	1395	1396	1397	1398
Total	***124248***	***146724***	***143629***	***141136***	***141011***	***141917***	***141099***	***141361***
Bushehr	000	45287	40860	39275	39375	39475	37464	34313
Khuzestan	000	40150	37871	36901	37320	37118	36500	34000
Sistan & Baluchestan	000	21238	24212	24176	24128	24204	24248	26748
Golestan	000	1694	1685	1816	1816	1805	1829	1796
Gilan	000	6845	6223	5614	4352	4300	4300	4275
Mazandaran	000	4691	4554	4461	4494	4482	4416	4417
Hormozgan	000	26819	28224	28893	29526	30533	32342	35812

Source: Fisheries of Iran.

5.46. NUMBER OF WORKERS IN FISHERIES SECTOR (AQUACULTURE)

Description	1398
Total	***92098***
East Azarbayejan	1350
West Azarbayejan	1300
Ardebil	678
Esfahan	4906
Alborz	1072
Ilam	1612
Bushehr	10922
Tehran	3149
South of Kerman (Jieroft and Kahnouj)	502
Chaharmahal & Bakhtiyari	2231
South Khorasan	349
Khorasan-e-Razavi	1375
North Khorasan	343
Khuzestan	7280
Zanjan	2402
Semnan	250
Sistan (Zabol)	4980
Sistan & Baluchestan (Chabahar)	825
Fars	1493
Qazvin	1516
Qom	314
Kordestan	1133
Kerman(1)	785
Kermanshah	3606
Kohgiluyeh & Boyerahmad	2438
Golestan	3464
Gilan	6855
Lorestan	3936
Mazandaran	6879
Markazi	844
Hormozgan	11740
Hamedan	1187
Yazd	382

1. Excluding Jieroft and Kahnouj
Source: Fisheries of Iran

5.47. OUTPUT, INTERMEDIATE CONSUMPTION AND VALUE ADDED OF ACTIVITIES ON "AGRICULTURE, HUNTING AND FORESTRY" AND "FISHERIES" AT PRODUCER PRICE

(bln rials)

Description	Year					
	1390[1]	1392[1]	1393[1]	1394[1]	1395	1396[1]
(At current prices)						
Output	***711847***	***1710223***	***1968002***	***2129064***	***2402066***	***2721494***
Temporary crops and permanent crops cultivation	382235	955637	1085803	1192869	1387915	1544525
Livestock farming, poultry farming, sericulture, apiculture and hunting	293694	671126	772593	812393	873241	1012465
Forestry	7450	9804	13177	13511	14067	19942
Fishing	28468	73656	96430	110291	126842	144562
Intermediate consumption	***336573***	***791151***	***907285***	***964860***	***1076063***	***1230810***
Temporary crops and permanent crops cultivation	117338	291020	325257	354612	415214	462480
Livestock farming, poultry farming, sericulture, apiculture and hunting	205510	469176	541264	564298	608345	706582
Forestry	2861	2752	3861	3833	3912	6614
Fishing	10864	28203	36902	42117	48592	55134
Value added	***375275***	***919072***	***1060717***	***1164204***	***1326003***	***1490683***
Temporary crops and permanent crops cultivation	264898	664617	760545	838258	972702	1082044
Livestock farming, poultry farming, sericulture, apiculture and hunting	88184	201950	231328	248095	264895	305884
Forestry	4589	7052	9316	9678	10156	13328
Fishing	17605	45453	59528	68174	78250	89427
(At 1390 constant prices)						
Value added	***375275***	***403110***	***421334***	***443933***	***463999***	***470138***
Temporary crops and permanent crops cultivation	264898	283798	299273	315613	325142	324872
Livestock farming, poultry farming, sericulture, apiculture and hunting	88184	99771	102406	108312	118377	124023
Forestry	4589	3223	3442	3198	3247	3241
Fishing	17605	16318	16212	16810	17233	18003

1. Revised figures.
Source: Statistical Centre of Iran