

T *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, Jihad-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: annual plant cultivation for the economic exploitation, which is done outdoors or under temporary cover such as plastic, on arable land, or between (underneath) garden trees.

Holdings with permanent crops: holdings with at least 200 square meters of orchards and nurseries at the time of enumeration.

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, meat super protein centres.

Broiler chicken (squab broiler): a chicken raised from broiler one-day-old chicken during a specific period for its meat.

Poultry: includes boiler chicken, breeder chicken, ostrich, partridge, traditional or indigenous chicken, quail, pheasant, turkey, duck, goose, francolinus, see-see partridge, guineafowl, and bustard.

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

Apiculture: Activities 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: all the activities that are done to

produce silk and silkworm cocoon.

Warmwater fish: a specific species of fish that are found in the water with the temperature from 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 the temperature from 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: vessels like boats, launches, and ships which 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 direct role in its profit and loss.

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

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

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

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

Crop year: begins on the 1st day of 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 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: see Chapter 9, Definitions and concepts.

Production: the quantity of the products obtained through the production process during a definite period of time in the agricultural production unit which is ready for sale and consumption. In the statistical surveys of the Statistical Centre of Iran, the share of agricultural crops 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 harvesting: weight of paddy for rice production, weight of dried seed for beans, weight of dried forage in case of alfalfa, sainfoin and clover, weight of nuts peeled but in the shell in case of walnut, almond, and pistachio, and 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.

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 used to produce day-old chicks and are divided into three groups: broiler hens, layer chicken and indigenous chickens

One-day-old chicks: Chickens that are obtained by placing the fertile eggs of different poultries in special incubators during a certain period of time containing one-day-old broilers, layer chickens, indigenous and other poultries.

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.

Output: see Chapter 23, Definitions and concepts.

Intermediate consumption: see Chapter 23, Definitions and concepts.

Value-added: see Chapter 23, Definitions and concepts.

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 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 hectateters.

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 1397, the total volume of the aquatics caught from the northern and southern waters was more than 773 thousand tons and the amount of produced aquatics was over 489 thousand tons. Totally, about 1262 thousand tons of aquatics were produced.

Out of the total number of caught aquatics, over 42 thousand tons were from the northern waters and about 731 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 & Bakhtiari	66340	66002	57959	57670	7806	7757
South Khorasan.....	82845	82667	60033	59887	22578	22546
Khorasan-e-Razavi	338834	338089	270327	269640	67321	67263
North Khorasan.....	81605	81551	65733	65683	15477	15473
Khuzestan	165703	165298	132760	132534	30580	30401
Zanjan	83261	83027	70600	70368	12248	12246
Semnan	45412	45298	24320	24211	20777	20772
Sistan & Baluchestan.....	168873	168532	154609	154339	13747	13676
Fars	234478	233359	180852	179905	47350	47178
Qazvin.....	77360	77308	60551	60502	16322	16319
Qom	11830	11732	8178	8092	3574	3562
Kordestan.....	113606	113168	83256	83121	30238	29935
Kerman	251113	249817	159259	158054	90582	90491
Kermanshah	125369	125132	84415	84208	39197	39167
Kohgiluyeh & Boyerahmad.....	66631	66600	47929	47905	17780	17773
Golestan	124280	124191	104063	103986	19898	19886
Gilan	303894	303629	220010	219805	83458	83398
Lorestan	135157	135153	98575	98575	34977	34973
Mazandaran	322503	322100	243850	243540	78070	77977
Markazi.....	79735	79412	63262	63021	15877	15795
Hormozgan	70590	70091	65141	64836	5361	5167
Hamedan.....	117571	117349	98885	98721	18388	18330
Yazd.....	76382	76208	34904	34734	40659	40655

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

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

Source: Statistical Center of Iran.

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

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

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

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

Source: Statistical Center of Iran

5.3. NUMBER OF HOLDINGS AND AREA OF 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	6689792	1291737	16476609	7619219	8857390
East Azarbayejan	129262	165395	110713	1198697	300124	898573
West Azarbayejan.....	174523	141808	74686	821728	350365	471364
Ardebil	94976	60394	60898	702020	164322	485588
Esfahan	148472	146874	10274	382467	329740	52727
Alborz	75312	74122	363	50227	48400	1827
Ilam.....	46315	16093	38358	64619 ^۲	75707	188912
Bushehr.....	30998	18317	15394	308478	76183	32295 ^۲
Tehran.....	46069	45708	1782	182120	173176	8944
Chaharmahal & Bakhtiari	56691	44059	96902	182112	98193	83919
South Khorasan.....	60066	57992	9358	189739	157702	32036
Khorasan-e-Razavi	668532	30592 ^۲	78274	1460111	802342	657769
North Khorasan.....	67372	49789	38476	393089	168500	458822
Khuzestan	125411	83721	51153	1324872	796418	528454
Zanjan	73704	60831	43278	816830	154181	662649
Semnan	38063	35490	3354	181966	159149	817 ^{۲۲}
Sistan & Baluchestan	104405	96111	9598	338378	76880 ^۲	61498
Fars	180008	145676	52322	987467	696887	905812
Qazvin.....	69458	64760	18197	370285	070392	163247
Qom	8346	8321	022	52946	52107	839
Kordestan.....	102683	61607	81010	1051881	118217	933664
Kerman	110432	103882	4071	757509	746094	11415
Kermanshah	112703	50558	89171	681859	150341	531518
Kohgiluyeh & Boyerahmad	58295	33763	40251	173772	55592	161784
Golestan.....	95330	44488	61621	575642	188891	386751
Gilan	685542	136422	115381	097652	147963	61802
Lorestan	121687	63114	97990	783445	185367	598078
Mazandaran	859862	483192	66229	333410	673322	106678
Markazi.....	67142	59989	54742	552558	161712	336387
Hormozgan	33333	94902	4580	118060	106994	11067
Hamedan	103228	79333	59538	872174	607222	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.....	4701402	1687204	1173376	14687053	5996635	8690419
East Azarbayejan	162897	89420	109864	1102905	074582	895447
West Azarbayejan.....	139546	95191	71687	716924	527912	464133
Ardebil	86655	43423	60744	670871	185652	485218
Esfahan	103713	100756	10067	311430	598422	51588
Alborz	5634	5444	333	35569	33755	1814
Ilam.....	44647	12217	38305	596952	70905	188790
Bushehr.....	19791	6579	14379	848432	54628	302152
Tehran.....	18145	17349	1724	148887	140001	8886
Chaharmahal & Bakhtiari	44327	85042	95622	156505	72847	83659
South Khorasan.....	41940	37376	8300	154596	124862	97332
Khorasan-e-Razavi	147152	172742	72980	1332525	701209	631316
North Khorasan.....	56279	31440	37002	365919	147412	185072
Khuzestan	110774	66307	51076	1286277	759090	527187
Zanjan	56175	33675	42816	769883	107704	662179
Semnan	41222	19719	3317	147143	124359	78422
Sistan & Baluchestan.....	68674	60559	8624	801922	199367	60256
Fars	123587	94936	39759	827617	571772	558452
Qazvin.....	37790	69972	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	16322	39974	197059	36899	160160
Golestan.....	88756	37830	59418	556028	174492	381537
Gilan	185152	001082	60608	149356	129163	01922
Lorestan	116944	47544	97744	758794	161603	597191
Mazandaran	187758	160956	43821	425632	151492	91072
Markazi.....	45201	32187	51492	507392	171709	335683
Hormozgan	14241	12596	1779	84016	75981	8035
Hamedan.....	82376	43130	58928	841940	194008	647931
Yazd.....	63332	63312	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	9422	95792	92666	3126
West Azarbayejan.....	84805	81005	6215	104804	97573	7231
Ardebil	9042۲	8488۲	574	31149	30780	370
Esfahan	86341	86053	510	71037	69899	1138
Alborz	46312	46042	31	14658	14645	12
Ilam.....	5294	5175	127	4924	4802	122
Bushehr.....	16069	13347	7592	36352	15552	0802
Tehran	33531	33498	60	33233	33175	58
Chaharmahal & Bakhtiari	71602	70002	342	56062	53462	602
South Khorasan.....	40196	39491	1716	35143	32840	3032
Khorasan-e-Razavi	121589	115345	9491	127586	101133	64532
North Khorasan.....	34618	31202	4660	71702	10892	6082
Khuzestan	65552	62842	822	38595	37328	1267
Zanjan.....	46794	45664	1788	46947	46477	470
Semnan	55802	55182	66	34823	34790	33
Sistan & Baluchestan.....	59892	58918	1141	58186	56944	1242
Fars	89487	76085	15675	159850	125115	34735
Qazvin.....	55253	53860	4742	56822	55735	1088
Qom	6822	6813	9	9893	9888	5
Kordestan.....	46040	38192	12951	86882	99722	5690
Kerman.	173615	173195	822	345471	343704	1767
Kermanshah	5212۲	43672	1616	18551	17475	1076
Kohgiluyeh & Boyerahmad.....	0502۲	19907	891	0317۲	18693	1624
Golestan.....	15508	10694	4878	19614	14399	5214
Gilan	103221	35630	69255	60409	18800	41610
Lorestan	84382	77032	762	46502	37642	887
Mazandaran	171735	143678	85662	90847	75241	15606
Markazi.....	48160	47287	1301	45166	44462	704
Hormozgan	40772	09502	3207	34045	31013	3032
Hamedan	56980	54848	6812	30235	85992	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.....	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 & Bakhtiari.....	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.

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 & Bakhtiari ..	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	15731
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 & Bakhtiari	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 & Bakhtiari..	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 & Bakhtiari	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 ⁽¹⁾	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 ⁽¹⁾	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 & Bakhtiari.....	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 & Bakhtiari	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 & Bakhtiari.....	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 & Bakhtiari	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 Azarbayegan.....	54598	3084222	37580	524601	56454	372587
West Azarbayegan	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 & Bakhtiari ..	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 & Bakhtiari	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 & Bakhtiari	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⁾
East Azarbayejan	116573	868747
West Azarbayejan.....	85514	1254195
Ardebil	29324	220465
Esfahan	83533	302448
Alborz	24423	237012
Ilam.....	5494	18378
Bushehr.....	16161	109384
Tehran.....	33855	361991
Chaharmahal & Bakhtiari	27033	66696
South Khorasan.....	40136	51063
Khorasan-e-Razavi	120268	448088
North Khorasan.....	34442	107909
Khuzestan	26710	254909
Zanjan	45692	340428
Semnan	25852	104556
Sistan & Baluchestan.....	58604	424611
Fars	89119	1011728
Qazvin.....	52441	380101
Qom	6945	17697
Kordestan.....	46404	91735
Kerman	173983	1536144
Kermanshah.....	24997	79093
Kohgiluyeh & Boyerahmad.....	20908	101473
Golestan.....	15006	112029
Gilan	103310	312250
Lorestan	27572	128533
Mazandaran	172566	1803298
Markazi.....	48447	409898
Hormozgan	24132	127463
Hamedan.....	53772	183332
Yazd.....	61117	157980

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
East Azarbayejan	115221	99241	64643	56199	62061	43043
West Azarbayejan.....	84619	106313	61748	64640	37215	41672
Ardebil	25904	32214	17833	22637	11089	9577
Esfahan	82696	71081	46820	47999	45989	23081
Alborz	22870	15402	4184	5354	19781	10048
Ilam.....	5462	5172	2092	2962	3426	2210
Bushehr.....	14157	24064	13624	22631	631	1433
Tehran.....	33771	34060	6508	11142	28119	22918
Chaharmahal & Bakhtiari..	27015	26064	16252	13062	15105	13002
South Khorasan.....	40136	36596	30119	30426	13061	6170
Khorasan-e-Razavi	119630	134135	78690	107054	51389	27081
North Khorasan.....	34015	28093	26430	20163	15306	7929
Khuzestan	25361	39530	20944	34481	5000	5050
Zanjan	44847	48322	27944	20529	28163	27793
Semnan	25852	36396	10195	22828	16384	13569
Sistan & Baluchestan.....	52076	60281	34648	42868	20025	17412
Fars	88618	166112	63364	120914	32456	45199
Qazvin.....	51481	56664	34629	32027	22890	24637
Qom	6928	9900	2766	6778	4557	3122
Kordestan.....	45573	29316	33082	13297	33941	16019
Kerman	172719	362459	130627	306643	47743	55816
Kermanshah.....	24837	19075	8209	4065	18132	15010
Kohgiluyeh & Boyerahmad.	20344	20759	10373	10260	12790	10499
Golestan.....	13717	20225	6188	12399	8192	7825
Gilan	97234	61936	77075	49136	26731	12799
Lorestan	27120	24887	15383	12185	13992	12703
Mazandaran	164156	94516	95930	57257	78066	37259
Markazi.....	47979	46963	37732	36848	15673	10115
Hormozgan	19848	35331	13366	22402	8300	12929
Hamedan.....	53468	31443	44749	20979	16233	10464
Yazd.....	61072	76775	36810	63953	28342	12821

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 & Bakhtiari	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 & Bakhtiari	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 & Bakhtiari	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 & Bakhtiari	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 BY TYPE, THE YEAR 1397

Ostan	Livestock slaughterhouse ⁽¹⁾						Poultry slaughterhouse	
	Modern			Traditional			Number	Capacity of slaughter (fowl per hour)
	Number	Capacity (head)		Number	Capacity (head)			
		Large livestock	Small livestock		Large livestock	Small livestock		
Total country	133	11610	87970	280	2359	18460	222	803350
East Azarbayejan.....	5	300	3000	10	126	570	9	36000
West Azarbayejan	9	775	5500	13	97	190	11	54000
Ardebil	4	350	4750	6	21	190	4	20000
Esfahan.....	14	940	13050	22	104	1510	18	44000
Alborz	3	150	1000	2	100	500	5	12000
Ilam	1	100	1000	11	65	325	1	8000
Bushehr	1	45	500	4	16	230	2	6000
Tehran	12	1200	12000	5	57	638	18	48000
Chaharmahal&Bakhtiyari	3	205	2250	8	74	1220	3	6000
South Khorasan.....	0	0	0	10	46	50	3	8000
Khorasan-e-Razavi.....	10	975	7730	29	74	890	14	50000
North Khorasan.....	1	50	500	7	26	225	3	6000
Khuzestan.....	8	325	3150	22	422	4082	11	53000
Zanjan	1	300	1000	1	50	250	5	8000
Semnan.....	1	10	450	4	56	500	7	18000
Sistan&Baluchestan	14	2230	5800	4	40	60	2	8500
Fars.....	5	305	3050	29	61	1310	14	44000
Qazvin	3	465	2060	0	0	0	5	12050
Qom	1	100	1000	2	100	1000	1	6000
Kordestan	1	100	1000	6	135	280	5	14000
Kerman	5	325	3250	13	35	270	12	28000
Kermanshah	3	225	2250	12	60	240	5	23000
Kohgiluyeh&Boyerahmad	2	210	1500	5	33	547	3	8000
Golestan	3	225	2250	7	44	220	12	58800
Gilan.....	4	565	1930	1	5	25	7	38000
Lorestan.....	2	225	1250	8	165	1260	10	34000
Mazandaran.....	6	250	2000	8	138	805	13	68000
Markazi	2	100	500	15	114	671	5	28000
Hormozgan.....	1	100	500	9	69	147	5	20000
Hamedan	6	260	1750	0	0	0	4	14000
Yazd	2	200	2000	7	26	255	5	22000

1. The slaughter of small and large livestock is done simultaneously in each of the slaughterhouses.

Sources: Iran Veterinary Organization
Ministry of Agriculture-Jahad.

5.22. NUMBER OF CENTRES FOR SUPPLYING LIVESTOCK AND RAW LIVESTOCK PRODUCTS, THE YEAR 1397

Ostan	Livestock supplying centres		Supplying centres for raw livestock products			
	Livestock	Other	Livestock	Poultry	Aquatics	Other
Total country.....	150	2746	32747	29613	4157	71201
East Azarbayejan.....	25	116	3394	1400	187	5766
West Azarbayejan	3	71	820	886	60	1508
Ardebil.....	6	40	1417	695	90	3000
Esfahan	7	345	3223	2992	146	2154
Alborz.....	0	201	690	598	27	770
Ilam.....	0	21	2728	367	58	974
Bushehr.....	0	33	190	326	234	1109
Tehran.....	3	256	1065	962	288	1891
Chaharmahal&Bakhtiari	0	65	884	810	14	7278
South Khorasan	2	49	315	460	49	1862
Khorasan-e-Razavi	21	194	2261	1821	343	6613
North Khorasan	1	26	403	407	4	269
Khuzestan	5	60	1053	799	448	338
Zanjan.....	4	52	480	905	24	1418
Semnan	3	39	254	208	7	3643
Sistan&Baluchestan	1	110	877	2041	172	3075
Fars	6	156	1762	1454	258	2703
Qazvin	4	149	483	486	1	304
Qom	1	67	643	521	54	1765
Kordestan	7	19	845	896	132	2861
Kerman	2	96	117	1579	18	2249
Kermanshah	4	115	757	839	79	665
Kohgiluyeh&Boyerahmad..	2	9	290	231	23	2201
Golestan.....	3	3	767	755	75	264
Gilan	5	0	1062	1188	220	52
Lorestan.....	6	33	1118	1420	112	1746
Mazandaran	4	72	1981	2316	527	2663
Markazi.....	4	83	607	477	26	977
Hormozgan	1	29	158	464	165	5266
Hamedan.....	11	123	685	653	45	737
Yazd	9	114	1418	657	271	5080

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

5.23. NUMBER OF LIVESTOCK QUARANTINE STATIONS, THE YEAR 1397

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&Bakhtiari	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 BY 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
Dairy cattle.....	13193	2090885
Beef cattle only	5354	738782

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
East Azarbayejan	28363	22511	5400	452
West Azarbayejan	13210	11713	947	550
Ardebil	24958	21486	3407	66
Esfahan	206876	127189	79559	128
Alborz	72311	67042	4506	763
Ilam	6153	5721	432	0
Bushehr	9525	477	7028	2020
Tehran	321420	229403	53129	38887
Chaharmahal & Bakhtiari	29427	29089	339	0
South Khorasan	11493	8975	2518	0
Khorasan-e-Razavi	112623	95399	17191	33
North Khorasan	7627	4986	2500	140
Khuzestan	23191	5123	17634	434
Zanjan	17027	14196	2682	148
Semnan	57643	20914	35947	781
Sistan & Baluchestan	4113	2435	886	792
Fars	105128	76037	26081	3009
Qazvin	72594	65702	6892	0
Qom	64842	29870	22317	12655
Kordestan	3428	2324	699	405
Kerman	33194	29556	2887	751
Kermanshah	16547	15893	398	256
Kohgiluyeh & Boyerahmad	4436	3132	1304	0
Golestan	18264	16914	1335	15
Gilan	3769	2545	522	703
Lorestan	9892	6358	2514	1019
Mazandaran	21651	11696	9294	661
Markazi	60056	10622	49089	345
Hormozgan	1271	256	670	344
Hamedan	17523	15607	1917	0
Yazd	60836	18736	41858	242

**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
East Azarbayejan	24060	20968	2954	137
West Azarbayejan	10969	10196	459	314
Ardebil	22964	21409	1555	0
Esfahan	202123	126534	75563	27
Alborz	69750	65303	4225	223
Ilam	4301	4301	0	0
Bushehr	1742	252	1337	153
Tehran	229212	212118	13763	3331
Chaharmahal & Bakhtiari	28748	28410	339	0
South Khorasan	10441	8174	2267	0
Khorasan-e-Razavi.....	110188	93718	16436	33
North Khorasan.....	6182	4685	1474	22
Khuzestan.....	8558	4740	3754	65
Zanjan	14816	12937	1801	78
Semnan	39933	17284	22559	90
Sistan & Baluchestan	1456	1275	165	16
Fars	89595	70050	19297	248
Qazvin	63170	60585	2585	0
Qom	23742	20694	2468	580
Kordestan	2470	2158	272	39
Kerman	30048	28335	1046	666
Kermanshah	15119	14551	320	248
Kohgiluyeh & Boyerahmad	3566	2613	953	0
Golestan	16860	16432	426	2
Gilan	3200	2498	356	346
Lorestan	8867	6238	1983	646
Mazandaran	18175	11680	6496	0
Markazi	23034	9785	13225	24
Hormozgan	684	256	391	37
Hamedan	15189	14042	1147	0
Yazd	59991	18567	41183	242

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	-	-
East Azarbayejan	83	931755	65	13879	-	-
West Azarbayejan	30	315491	28	9121	-	-
Ardebil	52	672864	132	51876	-	-
Esfahan.....	940	10806595	558	280027	-	-
Alborz	257	3053760	138	27724	-	-
Ilam	12	122684	9	3114	-	-
Bushehr	2	32165	14	7439	-	-
Tehran	666	8069707	463	146046	-	-
Chaharmahal & Bakhtiari	98	1122812	193	120224	-	-
South Khorasan	30	314918	21	24276	-	-
Khorasan-e-Razavi.....	401	4562960	166	98834	-	-
North Khorasan.....	20	217999	10	4272	-	-
Khuzestan.....	26	315120	31	7635	-	-
Zanjan	66	797157	41	14216	-	-
Semnan.....	119	1357753	44	36817	-	-
Sistan & Baluchestan	3	35947	5	2626	-	-
Fars	302	3335892	333	224663	-	-
Qazvin	249	2970127	221	50050	-	-
Qom	104	1200146	122	55175	-	-
Kordestan	9	111907	12	1473	-	-
Kerman	82	887370	47	47017	-	-
Kermanshah	66	814214	52	5388	-	-
Kohgiluyeh & Boyerahmad	14	176259	7	2220	-	-
Golestan	48	561172	75	18624	-	-
Gilan.....	9	100891	8	2793	-	-
Lorestan.....	21	239141	19	7084	-	-
Mazandaran.....	77	963498	124	83031	-	-
Markazi	66	715762	99	32772	-	-
Hormozgan.....	1	16122	2	1352	-	-
Hamedan	60	669941	52	9198	-	-
Yazd	175	2041486	139	115319	-	-

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)**

Year	Sheep and lamb		Goats and kids	
	Number	Weight	Number	Weight
1380 ⁽¹⁾	8743	141	2264	29
1385 ⁽¹⁾	9870	166	2914	39
1390.....	5673	104	1842	27
1393.....	9196	165	2504	37
1394.....	10236	184	2552	37
1395.....	9709	176	2388	35
1396	8609	162	2223	34
1397.....	6397	121	1907	28

Year	Cattles and calves		Buffaloes and calves		Camels and calves	
	Number	Weight	Number	Weight	Number	Weight
1380 ⁽¹⁾	1645	229	50	8	67	13
1385 ⁽¹⁾	1518	246	46	7	27	5
1390.....	1382	250	26	4	27	6
1393.....	1126	214	28	5	19	4
1394.....	1278	245	29	5	22	5
1395.....	1183	228	24	5	24	5
1396.....	1134	223	22	4	33	7
1397.....	1003	203	20	4	25	5

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
1392-93	924612	12894 .0
1393-94	982267	12063 .0
1394-95	1004292	12465 .8
1395-96	927097	13734 .7
1396-97	972154	10121 .1
East Azarbayejan	6702	30.0
Sufichay	2664	20.0
Sattarkhan	2788	7 .7
Bonab-e- Marand	0	0.0
Zonooz-e chukhorzamee	1250	2 .3
West Azarbayejan	39132	439 .1
Dasht-e-Shiblu	1754	30 .4
Dasht-e-Zanganeh	499	6 .9
Zarrinehrud (Miyandoab) ⁽¹⁾	19829	256 .2
Mahabad	7873	97 .6
Qanbar Kandi	1245	15 .4
Hasanlu	4900	15.0
Poldasht	3032	17 .6
Ardebil	99465	1264 .5
Quri chay	1891	5 .4
Moghan	91335	1238 .9
Ardebil	5777	16 .8
Saghezchee	462	3 .4
Esfahan	60149	51 .1
Abshar	12200	0.0
Borkhar(Esfahan)	1000	0 .1
Rudashtin	14200	0.0
Karvan (Khamiran)	3995	7 .2
Mahyar	480	0.0
Nekuabad	20500	14.0
Golpayegan	6418	28.0
Hanna	1356	1 .8
Alborz	9437	21.0
Kordan	9437	21.0
Ilam	35153	313 .4
Konjancham(Mehran)	1884	23 .7
Holilan	800	5 .4
Doviraj 1 & 2	4188	46 .8
Amirabad.	6	0 .9
Dasht-e-Abbas.	27706	231 .5
Meymeh	0	0 .9
Mulab	339	1 .9
Pahle va Parchineh	50	0 .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
Saleh Abad.....	180	1.7
Bushehr.....	20894	240.2
Ahram.....	775	6.1
Dalaki.....	8000	111
Abikhsh (former Shabankareh).....	10000	96.5
Kelel.....	1120	18.8
Shabankareh.....	999	7.8
Tehran.....	77585	239.4
Varamin.....	55500	143.5
Karaj.....	17460	38.5
Robat Karim.....	4625	57.4
Chaharmahal & Bakhtiari.....	2170	9.8
Ardal.....	400	2.7
Jonaqan.....	330	2.6
Gandoman & Boldaji.....	1190	3.8
Dasht-e Bar Aftab-e- Kalbali Koshteh.....	250	0.7
South Khorasan.....	151	6.3
Shahid Parsa-ey- Ferdus.....	17	0.8
Farokhee.....	29	0.8
Nahreyn.....	80	4.0
Keriet.....	25	0.7
Khorasan-e-Razavi.....	7138	39.8
Shahid Yaqubi.....	490	0.9
Shahid Dehqan Taybad.....	20	0.0
Tabarakabad.....	1500	5.7
Sangard.....	200	1.9
Kamayestan.....	200	0.7
Fariman.....	1444	5.8
Doostee.....	0	0.0
Zavin.....	42	1.3
Sedeh.....	655	4.1
Kardeh.....	1560	12.0
Torogh.....	1027	7.4
North Khorasan.....	2800	11.5
Shirvan.....	1800	7.6
Chery.....	300	0.7
Esfarayn.....	700	3.2
Khuzestan.....	257745	4745.6
Avan.....	5489	77.3
Dez.....	105440	2181.1
Shavur.....	6368	77.3
Fajr & Jayzan.....	4094	25.0
Gotvand.....	36614	751.3
Marun (Behbahan).....	10170	109.7
Veys.....	8313	112.7

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

Crop year, regional water organizations and irrigation and drainage network	Area under cultivation	Volume of water inflow into the network
Beneh Basht.....	2472	14.7
ShahidRajaei	0	3.3
Shadegan.....	0	2.6
Ramshir.....	5663	42.8
Dareyon	10125	164.7
Damghani.....	42	0.8
Kowsar.....	7300	78.4
Karkheh-e- Jonoubee	32732	567.5
Karkheh-e- Shomalee	20745	515.8
Khoramshahr	382	15.0
Hendijohn	1796	5.5
Semnan	20450	124.7
Garmsar	19610	119.1
Damghani	840	5.6
Sistan & Baluchestan	61484	97.5
Bampur	0	0.0
Chahnimeh.....	45700	97.5
Miyankangi.....	15454	0.0
Bahukalat.....	330	0.0
Fars	0	0.0
Dorudzan(Ramjerd)	0	0.0
Iezadkhast	0	0.0
Qazvin.....	30971	223.7
Qazvin.....	30971	223.7
Kordestan	1468	18.5
Zarivar (Marivan)	0	0.0
Qeshlaq	200	1.8
Kamyara.....	603	11.2
Legzy	665	5.5
Kerman.....	2495	50.2
Jiroft.....	860	19.3
Narmashir	1200	30.9
Kermanshah	10740	43.0
Berimvand.(Dasht-e Zahob)	1420	6.8
Jegarlu.(Qasr-e Shirin)	270	2.7
Ravansar	650	3.4
Sefidbarg.....	50	1.1
Sumar	550	3.9
Eainlqas	750	3.6
Nazliyan.....	550	2.2
Mian darband.....	3500	0.0
Bilevar	3000	19.2
Kohgiluyeh & Boyerahmad	4213	29.2
Servak & Shahqasem	538	1.0
Dasht-e-rum	900	1.0

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
Dasht-e-choram	230	0.6
Dasht-e-chitab.....	771	4.2
Lishter & Kheirabad	1745	22.4
Rudyal.....	0	0.0
Golestan.....	18726	54.5
Voshmgir	12913	34.0
Golestan ⁽²⁾	4375	15.5
Kowsar.....	125	0.0
Bustan	1313	5.0
Gilan	171000	1769.7
Sefidrud & Fumanat ⁽²⁾	117340	471.7
Fumanat	51000	326.0
Golerud	2660	972.0
Lorestan.....	5478	40.3
Chogholvandi.....	1458	14.7
Aliabad (Dorud).....	100	0.9
Silakhur.....	3500	22.3
Kaznar Aligoudarz.....	60	0.5
Haleh Koohdasht	40	0.5
Glum Bahri	320	1.4
Mazandaran	15618	177.3
Tajan	6961	79.6
Alborz	5464	57.9
Gelevard	3193	39.8
Markazi	3570	20.3
Saveh	3570	20.3
Hormozgan.....	5885	37.5
Minab.....	5385	21.5
Jegien.....	500	16.0
Hamedan.....	1535	23.0
Shaban Borzul.....	1535	23.0

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	1393	1394	1395	1396	1397
Wheat	875	2050	3600	10500	11500	12705	13000 ⁽¹⁾	13000
Barley	694	1520	2900	7800	9200	10028	10300	10300
Grain corn	775	1620	3000	8700	9600	10368	10650	10860
Peas	1560	3600	6800	19000	22200	24640	26858	27932
Navy beans	1868	3500	×	18000	21000	23940	26096	27140
Kidney beans	1723	3000	6000	17800	21000	24150	24948	25946
Pinto beans	2240	3500	6200	18000	21000	23940	26103	37147
Lentils	1905	3800	6800	20000	23000	26450	28831	29984
Sugar beets	225	460	900	2100	2700	2916	3091 ⁽²⁾	3122
Cotton (cotton seed)	2428	4500	9000	22000	25500	29325	21964	21964
Soybeans	1568	3200	5200	17000	19700	22655	24694	24694
Sunflower seeds	1818	3400	6000	18500	21500	24510	26644	26644
Potatoes	380	883	1450	3000	3600	3888	4121 ⁽³⁾	4121
Onions	327	627	900	2000	2400	2592	2748 ⁽⁴⁾	3748

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
1393.....	10476	8741	23361	19154	38899	28266	2643	22875	60845
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
East Azarbayejan	12626	12290	000	44255	100848	62521	7313	000	000
West Azarbayejan	12333	13000	000	52646	86481	68436	2736	000	000
Ardebil	12974	11168	000	57077	89190	56832	3600	50977	000
Esfahan.....	13623	11772	70056	58485	98824	57248	000	31065	000
Albor	13243	10779	000	21667	000	000	000	000	000
Ilam	14065	12323	000	67039	68222	42555	3973	000	000
Bushehr	13922	14048	000	000	000	000	000	000	000
Tehran	13220	12805	000	000	111392	000	000	000	000
Chaharmahal & Bakhtiari.....	12906	12939	000	42000	93038	52005	3219	000	000
South Khorasan	13681	13094	000	65000	000	000	000	53877	000
Khorasan-e-Razavi	13487	12195	000	54911	000	46877	4048	58789	000
North Khorasan.....	12904	11635	000	61728	000	38346	3401	67644	000
Khuzestan.....	13188	10754	54868	000	000	60000	2727	000	000
Zanjan	12877	11747	36473	40929	93144	55595	000	000	000
Semnan.....	13027	10932	000	000	100577	42711	3429	42475	000
Sistan & Baluchestan	13676	12756	000	000	000	000	000	000	000
Fars.....	13059	13357	64962	53867	90092	62697	3642	61557	000
Qazvin	12940	11636	000	49632	92027	56077	3180	000	000
Qom.....	12593	10408	000	000	124586	000	000	62258	000
Kordestan	13080	12068	60000	55033	99151	68416	000	000	85036
Kerman.....	13504	12008	000	80000	000	63427	000	000	000
Kermanshah	13218	12295	000	53720	000	55159	3165	000	000
Kohgiluyeh & Boyerahmad	12974	13994	62352	57143	83731	59519	000	000	000
Golestan	13014	10153	43385	56475	85000	37242	000	48976	119198
Gilan.....	000	000	54676	000	39283	000	000	000	154286
Lorestan.....	13001	12406	000	51350	80024	46360	3231	000	000
Mazandaran.....	12660	9627	000	55000	000	000	000	52000	79359
Markazi	12814	11671	46539	50364	91533	58418	3330	000	000
Hormozgan.....	14459	9097	000	000	000	000	000	000	000
Hamedan	12954	12133	000	46558	000	55309	3708	000	000
Yazd	13954	12645	000	000	8500	000	000	000	000

**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
1393	113319	15012	6453	3786	9876	8195	7178	4908	6498
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
East Azarbayejan	000	33750	13049	9142	20364	14113	11560	19053	9619
West Azarbayejan	000	63819	000	10000	20936	15000	11092	16695	8577
Ardebil	000	000	12000	7789	16893	10696	17004	7738	9145
Esfahan.	130050	000	18333	11077	15415	9009	7585	13976	11692
Alborz	000	000	000	000	26063	15212	14344	24855	14953
Ilam	000	000	14899	7756	11232	13000	16040	15091	10529
Bushehr	169133	000	15288	8349	11111	000	14774	17257	15404
Tehran	000	000	000	000	12144	19236	25000	13254	11890
Chaharmahal & Bakhtiyari.	000	000	000	000	30000	14247	8500	000	13054
South Khorasan	000	000	15022	9356	25513	000	19552	16993	10863
Khorasan-e-Razavi	102731	000	14493	11301	15062	16222	8611	15885	12788
North Khorasan	000	28597	000	000	18090	11994	9726	18904	12705
Khuzestan	000	000	7918	9049	8936	000	5592	12140	8719
Zanjan	000	000	12614	6900	25635	10902	13386	15909	10332
Semnan	000	31844	16468	9333	17630	14384	11688	19791	11873
Sistan & Baluchestan	122961	000	9923	7319	000	11000	13341	8127	10994
Fars.	000	000	10369	10450	20563	13220	9418	15539	13828
Qazvin	000	000	15807	9671	20217	14802	16475	20982	11661
Qom	000	000	17455	11975	000	12000	9864	000	12621
Kordestan	000	000	000	10642	27101	12676	13499	18920	10903
Kerman	000	000	12000	5527	25141	14001	13097	8680	13309
Kermanshah	000	000	000	000	17650	12047	8321	15478	11589
Kohgiluyeh & Boyerahmad.	000	000	000	8170	18188	8732	11398	14211	14809
Golestan	000	14098	14119	9367	21086	3925	6978	8322	15000
Gilan	000	000	23819	11533	25452	000	37404	21405	000
Lorestan	000	000	000	6235	17654	11901	8137	21065	12001
Mazandaran	000	30000	12585	12387	23257	20001	23480	12724	000
Markazi	000	000	11602	6707	26581	14331	14036	24460	11500
Hormozgan	88597	000	19532	13801	32716	9674	16433	19721	000
Hamedan	000	000	000	6922	25227	12199	10228	18432	11054
Yazd	000	000	18098	10410	22585	000	10966	15572	12681

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
1393.....	15194	52581	32705	11402	17190	16928	17114	297736	93394	174182
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
East										
Azarbayejan ..	34695	29680	29638	34774	000	000	000	000	232877	344374
West										
Azarbayejan .	34463	43279	40000	30248	000	000	000	000	167702	299548
Ardebil	000	000	000	000	000	000	000	000	000	450000
Esfahan.....	22096	34835	000	36462	000	000	18142	000	299771	341736
Alborz	28306	45871	91586	37768	000	000	000	000	000	351867
Ilam	33249	41175	55000	39195	20000	50000	30000	000	140000	247089
Bushehr	40000	000	000	000	000	44138	000	000	000	000
Tehran	24086	65493	52840	33972	000	000	34689	43440	000	337201
Chaharmahal	22893	51662	000	20990	000	000	000	000	422913	381598
South										
Khorasan	37500	43111	000	28275	000	67980	30633	626007	166396	439109
Khorasan-e-										
Razavi	23132	40684	36954	27956	000	000	27986	1096721	162321	370865
North Khorasan	31491	53423	47777	23147	000	000	000	000	161780	338725
Khuzestan.....	000	30000	000	20000	16137	28439	28651	000	000	325000
Zanjan	22073	000	000	27429	000	000	26341	000	000	164511
Semnan.....	34562	44845	83213	20212	000	000	37698	716763	357143	611519
Sistan &										
Baluchestan ..	000	42000	000	41113	000	30328	40000	000	000	000
Fars.....	23538	34909	000	19796	36078	39801	31992	1099288	161482	370062
Qazvin	40680	000	81185	34990	000	000	40300	880226	000	459744
Qom.....	25401	39396	39757	30101	000	000	28320	000	230287	431121
Kordestan	21420	35097	38742	28814	000	000	36719	000	162431	285675
Kerman.....	52500	48433	100000	36188	27305	43100	35456	1357108	190000	350519
Kermanshah.	42625	42279	000	30765	000	73000	26215	000	159610	330372
Kohgiluyeh &										
Boyerahmad .	26813	50299	50000	26466	29646	000	29921	000	172096	325214
Golestan	19884	000	36635	000	12088	000	25615	000	000	342644
Gilan.....	000	000	58324	000	34151	000	18679	000	000	252716
Lorestan.....	19902	35652	000	18494	000	000	17256	000	222769	338334
Mazandaran..	000	000	58819	000	13633	000	29068	000	000	000
Markazi	36053	57843	000	30074	000	000	25092	000	146879	367917
Hormozgan...	000	000	000	000	39576	40982	000	000	000	000
Hamedan	27712	35215	000	31469	000	000	000	000	199778	261956
Yazd	46763	68014	125422	32348	000	000	18186	379582	195390	382687

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	12731980	4230
Rainfed wheat	1403370	1599	2957690	3150	3731930	4050
Irrigated barley	4116960	1469	10813530	3280	11708220	3300
Rainfed barley	1350890	1712	2829060	3640	3889050	4440
Irrigated grain corn.....	7341900	1008	9741880	1580	19763430	4500
Rainfed forage maize	0	0	0	0	26942990	590
Irrigated peas.....	4086560	3478	7117420	8690	30395860	27210
Rainfed peas	1960230	4741	4058770	8920	5302940	11970
Irrigated lentils	4459670	4962	11354620	11150	19424630	14210
Rainfed lentils	2073850	5364	4640050	8480	6306620	11340
Irrigated sunflower	7356290	4349	12206030	6170	19101220	12160
Rainfed sunflower	2117150	2717	4320830	6100	4350840	8400
Irrigated cotton.....	8443130	3456	14290380	5530	21353130	9670
Rainfed cotton	2873600	2535	0	0	0	0
Sugar beets	11179050	323	25216610	530	25732560	490
Irrigated watermelons	10088710	397	20948170	840	30980850	1200
Rainfed watermelons.....	2704070	561	8207490	1100	12675920	1210
Irrigated cucumbers.....	18617830	945	35536630	1750	40102510	1570
Irrigated potatoes.....	19819240	770	44459940	1540	46572330	1440
Irrigated onions	16719320	531	23684480	750	37506080	1300
Irrigated tomatoes	21195640	616	44056310	1270	52268570	1580
Irrigated navy beans	8142080	3622	13190420	8750	22610660	12530
Irrigated kidney beans.....	7966250	3044	14222730	8250	18030690	9370
Irrigated pinto beans.....	9652740	4354	20124890	9000	26332250	10920
Irrigated spring soybeans	5508730	2250	10285150	4750	29995500	7850
Rainfed spring soybeans	4263530	3057	5204100	2570	10623680	4400
Irrigated summer soybeans	5508080	2357	8105760	4710	13780020	5020
Rainfed summer soybeans.....	2693840	2538	5893770	3940	0	0
Quality long grain rice	18511450	4938	33112010	8530	38291130	9990
High-yielding long grain rice	12569820	2106	22938130	4440	29873080	6120
Quality mid-size rice	16050140	4061	36382550	7960	35192130	6830
Short grain rice.....	10663970	2857	14683200	5350	21531800	6600
High-yielding short-size grain rice	0	0	0	0	0	0
High-yielding mid-size grain rice .	14612310	2580	40613920	7490	34579600	5690
Paddy.....	14372920	3524	29115390	7730	21106450	6460
Irrigated alfalfa.....	0	0	17062250	1720	21836520	1930
Rainfed alfalfa.....	0	0	4145400	1280	7819810	2640
Irrigated clover	0	0	000	000	14375530	710
Irrigated colza	5703110	2521	9015350	3900	13138780	4620
Rainfed colza.....	4265290	2202	6552460	3670	7313280	5240

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

Crop	The crop year 1392-93		The crop year 1393-94	
	Production cost	Cost price	Production cost	Cost price
Irrigated wheat	25361900	7550	29150740	7840
Rainfed wheat	8175990	8330	9583880	9480
Irrigated barley	33690800	7270	27016660	8270
Rainfed barley	7231070	9160	8424650	9730
Irrigated grain corn.....	34323730	6450	45977930	6790
Rainfed forage maize	47398450	980	42350160	950
Irrigated peas.....	21054310	18260	25505260	24220
Rainfed peas	8139140	17500	9395680	23260
Irrigated lentils	17953130	25790	20151470	26450
Rainfed lentils	9121860	23940	10598360	26300
Irrigated sunflower.....	31429420	20810	33404750	23540
Rainfed sunflower	9438630	10290	4814470	13490
Irrigated cotton.....	42972560	14600	46524140	15210
Rainfed cotton.....	0	0	0	0
Sugar beets	55606280	1170	68851600	1490
Irrigated watermelons	57067010	2070	63625640	2320
Rainfed watermelons.....	20591380	2960	24910310	2520
Irrigated cucumbers.....	103492670	4450	81617540	3930
Irrigated potatoes.....	122742770	4030	107422180	3590
Irrigated onions	77603470	2430	97411960	2250
Irrigated tomatoes	96953890	2590	107664610	2860
Irrigated navy beans	48849470	21360	46167250	21400
Irrigated kidney beans	44772820	20300	50061540	21830
Irrigated pinto beans.....	54434180	23490	53887430	22100
Irrigated spring soybeans	28463060	10860	28028910	11570
Rainfed spring soybeans	19200350	9140	23879340	10990
Irrigated summer soybeans	31650940	14530	31119870	11730
Rainfed summer soybeans.....	17603710	9520	17024610	9930
Quality long grain rice	75317120	19370	82599900	20780
High-yielding long grain rice	60902360	9820	70036120	10000
Quality mid-size rice	43058250	11650	34882030	11400
Short grain rice	61421010	14450	67910910	19510
High-yielding short-size grain rice.....	66167940	12380	73091320	15020
High-yielding mid-size grain rice	61318510	9650	70706230	12250
Paddy.....	58149060	17310	53959300	20530
Irrigated alfalfa.....	39911730	3980	41877360	4240
Rainfed alfalfa.....	9498400	5240	11357840	4280
Irrigated clover	24716890	3360	29971940	4330
Irrigated colza	23159810	13360	25133020	12370
Rainfed colza.....	12910130	10100	8734690	6420

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

Crop	The Crop year 1394-95		The Crop year 1395-96	
	Production cost	Cost price	Production cost	Cost price
Irrigated wheat	33240560	8620	32364650	8030
Rainfed wheat	11478490	8570	10279920	11780
Irrigated barley	24845050	6840	27596680	7560
Rainfed barley	9371410	7760	9252370	10170
Irrigated grain corn.....	41879750	5950	43935750	5920
Rainfed forage maize	46576550	950	48938350	1000
Irrigated peas.....	39904740	30280	45411720	29990
Rainfed peas.....	13974760	27670	16490470	33720
Irrigated lentils	31795250	26880	32613320	29590
Rainfed lentils	14049310	26970	15934140	33970
Irrigated sunflower.....	36918980	23610	42406840	29510
Rainfed sunflower	10325370	17530	11640460	21360
Irrigated cotton.....	48814540	15580	54459670	18370
Rainfed cotton.....	0	0	0	0
Sugar beets	81240860	1600	87158570	1640
Irrigated watermelons	83861460	2660	90892340	3020
Rainfed watermelons.....	31938070	3380	43472480	4260
Irrigated cucumbers.....	157523460	5900	140858800	6090
Irrigated potatoes.....	151583100	4740	144640590	4270
Irrigated onions	134648850	3220	117064920	3580
Irrigated tomatoes	135625330	3380	148562280	4000
Irrigated navy beans	47332410	22950	60828470	31030
Irrigated kidney beans.....	65391260	28480	67159190	29420
Irrigated pinto beans.....	48237570	26990	69544480	34410
Irrigated spring soybeans	0	0	38531660	16240
Rainfed spring soybeans	0	0	34496250	15660
Irrigated summer soybeans	29540830	9660	35182100	14110
Rainfed summer soybeans.....	20420080	9310	0	0
Quality long grain rice	112934290	27610	95801670	23170
High-yielding long grain rice	83286220	13020	87347210	12730
Quality mid-size rice	44264650	14290	52775370	16860
Short grain rice.....	75370550	16090	72548800	12070
High-yielding short-size grain rice.....	65489100	10540	0	0
High-yielding mid-size grain rice	0	0	81581120	15050
Paddy.....	78547850	20150	83078010	21380
Irrigated alfalfa.....	48775280	4240	52205570	4300
Rainfed alfalfa.....	8929570	5090	12461130	5600
Irrigated clover	35014190	3760	31252490	3010
Irrigated colza	28845070	14560	32404150	15030
Rainfed colza.....	14633340	10150	15889320	13190

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 MACHINERY
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
1392.....	26101	23193	376	210	4385	4171
1393.....	23931	22671	1014	931	6278	5809
1394.....	13733	14195	241	328	6739	7634
1395.....	13636	14243	233	225	4275	5422
1396.....	000	000	000	000	000	000

Source: Statistical Center of Iran.

5.34. PRODUCTION OF RED MEAT, MILK, CHICKEN MEAT, EGG AND HONEY

Year and Ostan	Red meat (1000 tons)	Milk (1000 tons)	Chicken meat (1000 tons)	Egg (1000 tons)	Honey (1000 tons)
1380	743	5748	885	581	26100
1385	829	7752	1360	677	36000
1390	740	7685	1783	700	50700
1393	785	8800	2033	925	77800
1394	806	9140	2123	931	77400
1395	823	9653	2069	940	81500
1396	835	10184	2237	888	88240
1397	829 .43	10588 .57	3255.00	901 .50	90497
East Azarbayejan	50 .53	535 .42	76 .80	89 .14	13317
West Azarbayejan.....	46 .29	380 .96	90 .20	12 .50	20219
Ardebil	29 .25	269 .39	43 .90	8 .37	5832
Esfahan	45 .34	1308 .87	166 .20	94 .01	3994
Alborz	10 .84	391 .37	13 .20	75 .92	386
Ilam.....	15 .11	89 .77	42 .20	1 .26	921
Bushehr.....	7 .79	40 .04	32 .80	1 .01	526
Tehran.....	31 .94	1167 .28	52 .30	139 .87	1005
Chaharmahal & Bakhtiari	20 .98	258 .75	25 .10	3 .20	1244
South Khorasan.....	13 .71	112 .74	55 .70	14 .56	168
Khorasan-e-Razavi	71 .33	1019 .28	147 .40	102 .40	2638
North Khorasan.....	15 .24	101 .12	16 .40	2 .020	2216
Khuzestan	41 .38	332 .68	79 .00	7 .79	3103
Zanjan	14 .13	147 .58	50 .50	11 .15	1076
Semnan	13 .45	159 .42	48 .60	18 .09	291
Sistan & Baluchestan.....	20 .29	72 .88	31 .10	4 .69	58
Fars	60 .26	610 .54	147 .20	48 .09	7451
Qazvin.....	25 .78	548 .82	54 .10	53 .55	954
Qom	8 .32	137 .80	24 .20	24 .00	315
Kordestan.....	20 .95	117 .91	77 .80	7 .70	1345
Kerman	33 .35	271 .85	55 .40	15 .86	1095
Kermanshah	23 .27	221 .91	53 .90	12 .63	4376
Kohgiluyeh & Boyerahmad.....	10 .91	74 .39	10 .50	2 .93	955
Golestan.....	27 .67	368 .84	224 .60	29 .30	1170
Gilan	24 .31	181 .44	191 .90	17 .15	5014
Lorestan	27 .81	243 .42	72 .80	9 .91	1971
Mazandaran	46 .43	493 .01	264 .00	13 .76	5097
Markazi.....	23 .21	290 .69	59 .70	37 .16	756
Hormozgan	6 .74	25 .78	33 .30	0 .93	309
Hamedan.....	28 .79	369 .84	50 .40	17 .46	2425
Yazd.....	14 .03	244 .78	63 .80	25 .09	270

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 OF THE YEAR**

Description	Number	Members	Workers	Capital (mln rials)
<i>Registered cooperatives⁽¹⁾</i>				
1380.....	13929	218982	108749	992771
1385.....	25730	345771	190503	1392819
1390.....	37320	459202	292382	3146011
1393.....	46260	572348	408576	5684167
1394.....	47315	588403	417920	11700568
1395.....	48328	614127	431598	12267855
1396.....	49472	631897	444127	42969552
1397.....	50750	648471	456447	16828563
<i>Cooperatives under establishment</i>				
1380.....	965	35531	9504	51407
1385.....	4613	72303	37474	140032
1390.....	5664	62125	51341	739081
1393.....	7791	82900	110736	1513966
1394.....	7574	82224	91245	1526950
1395.....	7395	89114	94466	1914359
1396.....	7192	84264	92509	1849976
1397.....	7453	84801	94692	2251895
<i>Cooperatives in operation</i>				
1380.....	8006	118595	69787	804515
1385.....	14119	190318	109659	1063415
1390.....	16485	211851	134807	1869834
1393.....	16394	220123	138064	2336731
1394.....	16096	222799	153372	5802381
1395.....	14795	220006	133344	6475993
1396.....	14754	221447	134242	37032322
1397.....	14954	229099	138335	10376016

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

Ostan	Number	Members	Workers	Capital (mln rials)
East Azarbayejan.....	450	6271	4370	71400
West Azarbayejan	247	3054	2537	173174
Ardebil	345	3365	2430	70009
Esfahan.....	502	14037	5372	306269
Alborz	69	2114	850	121061
Ilam	632	10014	5188	68116
Bushehr	595	4467	7361	105714
Tehran	423	16780	6956	98693
Chaharmahal & Bakhtiari	424	3764	3528	49571
South Khorasan	156	2664	1312	97968
Khorasan-e-Razavi.....	1132	26068	10049	587048
North Khorasan	237	2409	1780	39892
Khuzestan.....	840	7801	7451	153330
Zanjan	277	4217	2017	48608
Semnan.....	331	3207	2232	168975
Sistan & Baluchestan	359	3556	3168	69109
Fars.....	1027	20318	10377	510349
Qazvin	131	2388	1408	92005
Qom.....	190	1723	1542	154593
Kordestan	254	4776	1887	554607
Kerman.....	1005	14982	8897	92798
Kermanshah	643	9662	7888	39265
Kohgiluyeh & Boyerahmad	401	3469	3177	56875
Golestan	832	13505	6312	305893
Gilan.....	524	8125	6566	216537
Lorestan.....	430	5234	2934	72001
Mazandaran.....	1078	15268	10825	5825957
Markazi	411	4938	1722	62228
Hormozgan.....	481	5493	4604	54724
Hamedan	202	2180	1846	39202
Yazd	326	3250	1749	70045

1. Including in operation, non-operational and under establishment cooperatives.

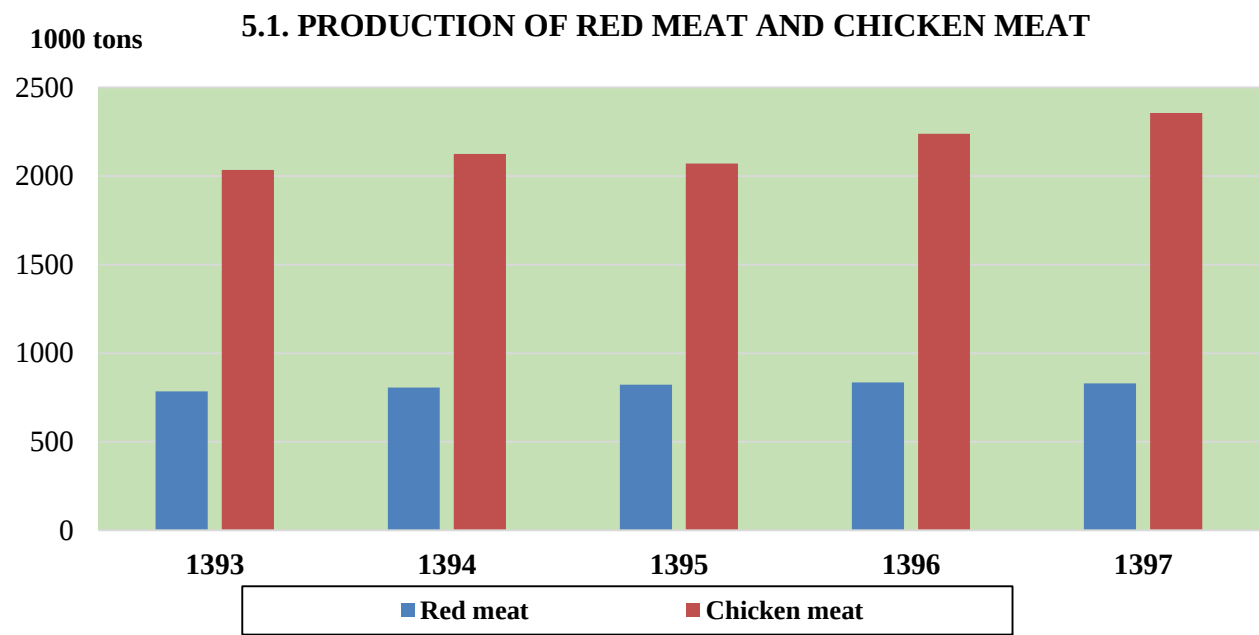
Source: Ministry of Cooperatives, Labour and Social Welfare.

**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
1393.....	2040	1092032	1632125
1394.....	1902	1019276	2374637
1395.....	1904	1047684	2643657
1396.....	1877	1048580	2598232
1397.....	1957	1051389	2899761
Poultry farming	319	21957	1329482
Livestock farming	579	571090	948184
Wheat farming.....	83	26333	47970
Permanent crops farming	97	143772	78370
Apiculture.....	213	68199	85496
Combine harvester management	12	3316	1723
Range management	28	8300	15975
Mechanization.....	37	3126	6542
Others	589	205296	386019

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.



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 1397

Ostan	Number	Members
Total country	1957	1051389
East Azarbayejan	185	84887
West Azarbayejan	67	34447
Ardebil	34	16928
Esfahan	168	98273
Alborz	43	7121
Ilam	101	3272
Bushehr	14	3599
Tehran	55	12248
Chaharmahal & Bakhtiari	56	8450
South Khorasan	79	35296
Khorasan-e-Razavi	169	123398
North Khorasan	33	12197
Khuzestan.....	45	21410
Zanjan	14	2245
Semnan	38	12308
Sistan & Baluchestan	31	1578
Fars	96	67054
Qazvin	53	17806
Qom	15	18711
Kordestan	65	18803
Kerman	34	19458
Kermanshah	90	31366
Kohgiluyeh & Boyerahmad	35	5073
Golestan	43	15174
Gilan	103	123543
Lorestan	31	26255
Mazandaran	74	97209
Markazi	56	29865
Hormozgan	44	8677
Hamedan	49	72827
Yazd	37	21911

Source: Central Organization of Rural Cooperatives.

5.38. AREA OF AFFORESTATION AND SAPLING PRODUCTION ⁽¹⁾ (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
1393.....	53034	44882	8152	38575
1394.....	24342	8433	15909	26894
1395.....	13933	7069	6864	22344
1396.....	15202	10937	4265	25502
1397.....	35294	31275	4019	23801
East Azarbayejan.....	148	148	0	350
West Azarbayejan	206	206	0	138
Ardebil	125	125	0	40
Esfahan.....	1042	1042	0	126
Alborz	396	396	0	6600
Ilam	11555	11555	0	128
Bushehr	174	174	0	213
Tehran	615	615	0	500
Chaharmahal & Bakhtiari	437	437	0	168
South Khorasan	20	20	0	200
Khorasan-e-Razavi.....	304	304	0	195
North Khorasan	309	309	0	116
Khuzestan.....	3175	3175	0	471
Zanjan	80	80	0	297
Semnan.....	111	111	0	874
Sistan & Baluchestan	1052	452	600	463
Fars.....	4419	4239	180	115
Qazvin	310	310	0	250
Qom	45	45	0	0
Kordestan	315	315	0	1080
Kerman.....	1232	1232	0	260
Kermanshah	319	319	0	165
Kohgiluyeh & Boyerahmad	882	820	62	269
Golestan	992	290	702	1538
Gilan.....	140	140	0	880
Lorestan.....	2592	2392	200	3489
Mazandaran.....	2464	223	2241	3615
Markazi	504	504	0	643
Hormozgan.....	770	750	20	184
Hamedan	311	297	14	203
Yazd	250	250	0	232

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 South areas.

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	1393
National	410422	3152126	1299966	578953
Watershed management in existing dams catchments	54156	179329	106686	31479
Project development.....	131819	2337885	184542	70235
Watershed management in catchments of dams under construction	66071	56829	55770	30736
Project development.....	74360	93262	116268	116403
Watershed management in Karkheh dam catchments	8229 ⁽⁴⁾	34918	18279	2730
Project development.....	11022	87472	45189	16879
Watershed management in the Grate Karun catchments .	000 ⁽⁵⁾	0	18074	5200
Project development	000	0	37885	4895
Watershed management in Sefidrud dam catchments.....	40852	134399	19741	3881
Project development.....	40680	78369	36893	23528
Watershed management in Atrak catchments	0	0	15555	1141
Project development.....	0	0	17662	18088
Watershed management in Golestan flood control catchments (watershed management share)	0	47463	36189	4464
Project development.....	0	55950	101450	8638
Study and operation of watershed management in catchments lacking dams	0	35000	85492	42180
Project development.....	0	11250	411802	105760
Study and operation of watershed management in Orumie Lake catchments	0	0	16609	3390
Project development.....	0	0	9490	18153
Study and operation of watershed management in central desert margin catchments	0	0	5223	4233
Project development.....	0	0	18110	65825
Study and operation of watershed management in South Khorason Siah Kouh catchments	0	0	0	1115
Project development.....	0	0	0	0
Ostani(provincial)	350958	1318824	946697	461936
Land use improvements plan	50449	104004	168462	28029
Project development.....	57710	32940	13678	0
Flood control prevention plan	58454	155952	36909	86968
Project development.....	63758	156883	102394	0
Watershed management in municipal areas catchments ..	32774	10363	33829	5606
Project development.....	52002	12478	52006	0
Watershed management in border line catchments	4966	54652	35015	11550
Project development.....	7526	16765	5320	0
Watershed management in other provincial catchments..	09512	5922	0	482
Project development.....	91702	7400	0	0
Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project) .	0	496297	182619	73513
Project development.....	0	980182	316465	255788

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

Topic	Year			
	1394	1395	1396	1397 ⁽²⁾
National	405566	402702	1018412	848662
Watershed management in existing dams catchments	14347	11264	87966	0
Project development ⁽³⁾	61257	95814	117257	0
Watershed management in catchments of dams under construction	31244	9037	96132	0
Project development	70840	74784	74010	0
Watershed management in Karkheh dam catchments	704	2949	4377	0
Project development	3531	1070	20902	0
Watershed management in the Grate Karun catchments ...	4700	4322	4996	0
Project development	1998	4988	4400	0
Watershed management in Sefidrud dam catchments	2806	9219	4765	0
Project development	6	0	2923	0
Watershed management in Atrak catchments	950	11050	585	0
Project development	675	5250	7500	0
Watershed management in Golestan flood control catchments (watershed management share)	3052	3400	7542	0
Project development	27561	38400	1400	0
Study and operation of watershed management in catchments lacking dams	55958	24159	98358	0
Project development	83539	108093	458976	0
Study and operation of watershed management in Orumie Lake catchments	5352	731	7321	0
Project development	5575	0	9650	0
Study and operation of watershed management in central desert margin catchments	5171	4617	3583	0
Project development	25800	3500	4379	0
Study and operation of watershed management in South Khorason Siah Kouh catchments	499	0	1390	0
Project development	0	0	0	0
Ostani(provincial)	316919	471358	442661	93374
Land use improvements plan	45058	28455	8073	4718
Project development	0	18000	0	0
Flood control prevention plan	48897	29863	64493	2234
Project development	63257	30500	26176	0
Watershed management in municipal areas catchments	3463	6845	8195	0
Project development	2035	0	0	0
Watershed management in border line catchments	3388	4292	12611	2903
Project development	1800	0	0	0
Watershed management in other provincial catchments	8402	8933	2014	40
Project development	0	0	0	0
Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project) ...	52240	130157	132942	83479
Project development	88379	214313	188156	0

1. Zero means lack of any activity or absence of the project in that year

2. National watershed management in the year 1397 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 1397 under article 18 (3 percent of oil, gas...) were 66419 hectares.

4. Project development means explanatory, detailed, and executive studies for the implementation area of the concerned project. (In the year 1397, in total, 123584 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)**

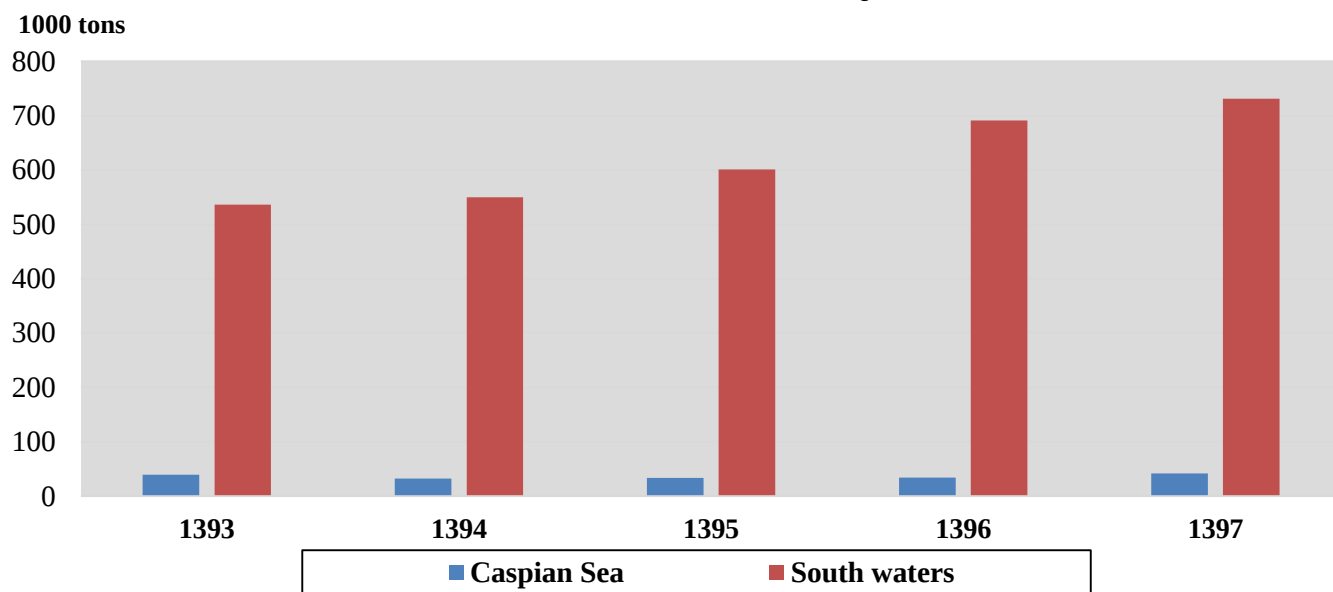
Year and Ostan	Grand total	Catches in the Caspian Sea			
		Total	Kilka	Bony fish	Sturgeon
1380	325355	62550	45180	16500	870
1385	420882	46435	22303	23802	330
1390	449729	37831	20717	17034	80
1393	575512	39647	22873	16733	41
1394	582349	32617	21553	11028	36
1395	634198	33396	22429	10944	23
1396	724817	33643	22602	11012	29
1397	773198	42037	26154	15866	17
Bushehr	60600	0	0	0	0
Khuzestan	45849	0	0	0	0
Sistan & Baluchestan	328279	0	0	0	0
Golestan	818	818	0	811	7
Gilan	12474	12474	6675	5796	3
Mazandaran	28745	28745	19479	9259	7
Hormozgan	296433	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
1393	535865	71210	279301	176787	8567
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
Bushehr	60600	1524	27946	29873	1257
Khuzestan	45849	1695	6811	33491	3852
Sistan & Baluchestan	328279	4630	225546	97389	714
Golestan	0	0	0	0	0
Gilan	0	0	0	0	0
Mazandaran	0	0	0	0	0
Hormozgan	296433	108850	78179	106422	2982

1. An amount of 1781 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. AQUACULTURE PRODUCTION**(ton)**

Year and Ostan	Total	Aquaculture							Catching from natural and semi-natural resources
		Cage fish farming	Fish farms			Shrimps farms			
			Warm water fish farms	Cold water fish farms	Sturgeon farms	Shrimp farms (salt water)	Shrimp farms (fresh water)	Shrimp farms (lobster)	
1380.....	73645	×	28060	12170	0	7630	6	270	25785
1385.....	154678	×	77463	46275	0	5700	20	250	24970
1390.....	285351	×	132177	106409	312	8026	68	270	38089
1393.....	371717	638	170341	126515	650	22475	5	65	51666
1394.....	401548	2853	184064	140632	1071	17795	11	80	55430
1395.....	459521	10162	201097	163325	2146	21331	11	58	61391
1396.....	477269	14050	196005	167830	2618	32332	16	35	64382
1397.....	489205	14100	187399	173384	2839	47859	25	12	63587
East Azarbayejan.....	5773	120	252	3881	20	0	0	0	1500
West Azarbayejan.....	14658	0	870	7842	0	0	0	6	5940
Ardebil	9308	0	1040	3456	0	0	0	1	4811
Esfahan	9355	10	995	7540	10	0	0	0	800
Alborz.....	2472	0	95	2180	5	0	0	0	192
Ilam	9585	1199	660	2125	0	0	0	0	5601
Bushehr.....	23000	2000	0	0	0	21000	0	0	0
Tehran	6595	0	681	5444	20	0	0	0	450
South of Kerman (Jiroft and Kahnuj).....	2653	10	1678	349	0	0	0	0	616
Chaharmahal& Bakhtiari.....	21103	1701	0	19241	0	0	0	0	161
South Khorasan	1373	0	1096	94	0	0	0	0	183
Khorasan-e-Razavi	10153	0	1746	7827	2	0	0	0	578
North Khorasan	2215	0	300	1901	0	0	0	0	14
Khuzestan	63538	0	50909	705	56	528	0	0	11340
Zanjan	16273	50	107	13941	0	0	0	5	2170
Semnan	1105	0	435	670	0	0	0	0	0
Sistan (Zabol).....	10581	0	1354	123	0	0	0	0	9104
Sistan & Baluchestan (Chabahar).....	1765	200	0	0	0	1565	0	0	0
Fars	9951	0	1016	8303	82	0	0	0	550
Qazvin	3634	0	791	2491	18	0	0	0	334
Qom	1428	0	783	625	20	0	0	0	0
Kordestan	10270	140	25	3760	0	0	0	0	6345
Kerman ⁽¹⁾	2650	0	940	1225	75	0	0	0	410
Kermanshah	20100	1100	4265	12650	60	0	25	0	2000
Kohgiluyeh & Boyerahmad	17875	0	0	17600	0	0	0	0	275
Golestan.....	18136	50	12934	900	60	2585	0	0	1607
Gilan.....	51263	100	41598	5370	546	0	0	0	3649
Lorestan	26217	1200	1546	19760	39	0	0	0	3672
Mazandaran	76300	600	59263	14467	1676	0	0	0	294
Markazi	4882	20	307	4294	97	0	0	0	164
Hormozgan	27781	5600	0	0	0	22181	0	0	0
Hamedan	5960	0	1043	4090	0	0	0	0	827
Yazd	1253	0	670	530	53	0	0	0	0

1. Excluding Jiroft and Kahnouj.

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
1393.....	2919	1206	1471	242	41118	15563	22508	3047
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

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	Carp	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
1393.....	741502	176315	2870	187670	910	264769	15683	14033	79252
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

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
1393.....	11498	8210	3238	50
1394.....	11369	8099	3198	72
1395.....	11359	8080	3189	90
1396	11292	7958	3209	125
1397.....	11349	7953	3273	123
Bushehr	2077	1485	566	26
Khuzestan	1680	1075	605	0
Sistan & Baluchestan	2354	1427	927	0
Golestan	235	235	0	0
Gilan	258	228	30	0
Mazandaran	310	266	44	0
Hormozgan	4435	3237	1101	97

*Source: Fisheries of Iran.***5.45. NUMBER OF WORKERS IN FISHERIES SECTOR (CATCHING)**

Ostan	Year							
	1380	1385	1390	1393	1394	1395	1396	1397
Total	124248	146724	143629	140185	141136	141011	141917	141099
Bushehr	000	45287	40860	39299	39275	39375	39475	37464
Khuzestan.....	000	40150	37871	36901	36901	37320	37118	36500
Sistan & Baluchestan	000	21238	24212	24480	24176	24128	24204	24248
Golestan.....	000	1694	1685	1528	1816	1816	1805	1829
Gilan.....	000	6845	6223	5262	5614	4352	4300	4300
Mazandaran	000	4691	4554	4494	4461	4494	4482	4416
Hormozgan	000	26819	28224	28221	28893	29526	30533	32342

Source: Fisheries of Iran.

5.46. NUMBER OF WORKERS IN FISHERIES SECTOR (AQUACULTURE)

Description	Year
	1397
Total	91608
East Azarbayejan	1117
West Azarbayejan.....	1313
Ardebil	708
Esfahan	4722
Alborz	977
Ilam.....	1572
Bushehr.....	10691
Tehran.....	2884
South of Kerman (Jieroft and Kahnouj)	281
Chaharmahal & Bakhtiari	2251
South Khorasan.....	396
Khorasan-e-Razavi	944
North Khorasan.....	327
Khuzestan	10768
Zanjan	2134
Semnan	237
Sistan (Zabol)	4992
Sistan & Baluchestan (Chabahar).....	795
Fars	1114
Qazvin.....	1469
Qom	300
Kordestan.....	904
Kerman ⁽¹⁾	676
Kermanshah	2102
Kohgiluyeh & Boyerahmad.....	2516
Golestan.....	3232
Gilan	6674
Lorestan	4222
Mazandaran	7202
Markazi.....	1004
Hormozgan	11439
Hamedan.....	1140
Yazd.....	505

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⁾	1391 ⁽¹⁾	1392 ⁽¹⁾	1393 ⁽¹⁾	1394 ⁽¹⁾	1395
(At current prices)						
Output	711847399	1118153885	1710222640	1968001799	2129063626	2402065149
Temporary crops and permanent crops cultivation.....	382235442	562998446	955637030	1085802743	1192869412	1387915089
Livestock farming, poultry farming, sericulture, apiculture and hunting	293694156	497206826	671125879	772592726	812392866	873240945
Forestry	7449474	6845572	9803425	13176410	13510456	14067028
Fishing.....	28468327	51103041	73656306	96429920	110290892	126842088
Intermediate consumption	336563934	540997659	791120750	907235432	964824414	1075982308
Temporary crops and permanent crops cultivation.....	117332274	172053255	291002273	325224395	354587399	415155842
Livestock farming, poultry farming, sericulture, apiculture and hunting.....	205507556	347807980	469165509	541250724	564289067	608327100
Forestry	2860631	1570601	2750923	3860185	3832522	3910790
Fishing	10863473	19565823	28202045	36900129	42115426	48588577
Value added	375283465	577156226	919101890	1060766367	1164239212	1326082841
Temporary crops and permanent crops cultivation.....	264903168	390945191	664634757	760578348	838282013	972759247
Livestock farming, poultry farming, sericulture, apiculture and hunting.....	88186600	149398846	201960371	231342002	248103798	264913845
Forestry	4588843	5274971	7052501	9316226	9677934	10156238
Fishing	17604854	31537218	45454261	59529791	68175466	78253511
(At 1390 constant prices)						
Value added	375283465	384839793	403135012	421378716	443866296	464085807
Temporary crops and permanent crops cultivation.....	264903168	269050472	283813409	299303602	315566175	325204521
Livestock farming, poultry farming, sericulture, apiculture and hunting.....	88186600	95086474	99779216	102418516	108294823	118396921
Forestry	4588843	3472089	3223107	3442476	3198275	3247564
Fishing.....	17604854	17230758	16319280	16214123	16807024	17236802

1. Revised figures

Source: Statistical Centre of Iran.

