

Introduction

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

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

The SCI conducted the first National Census of Agriculture in the year 1367 in urban and rural areas by visiting settled and unsettled households to collect data on all agricultural holdings of natural persons as well as data on holdings belonged 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, value of products, 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 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 Jihad-e-Agriculture. In this census, 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, a list of agricultural holders of selected cities were prepared in the form of the project "Census of Agricultural Holders in Selected Cities".

In the year 1384, for the first time, Survey of Livestock Farms was conducted jointly by the SCI and the Ministry of Jihad-e-Agriculture 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 through 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 which 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 Jihad-e- Agriculture, the results of which were disseminated.

Until the year 1346, statistics for the livestock

slaughtering 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 municipalities having 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 in the previous yearbooks used to be prepared according to the Central Bank publications. However, as the SCI has compiled Iran's National Accounts based on 1993 SNA since the year 1370, statistics for value added included in this chapter are according to the national accounts produced by the SCI as of the year 1380.

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 Jihad-e-Agriculture, 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.

Statistical information included in this Chapter contain statistics on holdings with temporary crops and holdings with permanent crops, livestock and poultry, forestry, fisheries and related cooperatives. Moreover, at end of this chapter

there is one table on value added of "agriculture, hunting and forestry" and "Fishing" activities

Definitions and concepts

Agricultural holding: all agricultural activities run by a single management is an agricultural production unit, which is called agricultural holding. This unit is managed by members of one or more households (natural persons) or by an authorized company or a public institution (legal entity). In the 1382 National Census of Agriculture, if activities of an agricultural production unit are performed within some villages or cities limit, each unit located in a single village or city limit is considered an agricultural holding. In the mentioned census, holdings engaged in at least one activity matching one of following definitions were counted:

Holdings with temporary crops: holdings with at least 400 square meters of arable land at the time of enumeration.

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

Raising of large livestock: holdings raising large livestock (cows, buffaloes and camels) which have had at least one large livestock during the last 365⁽¹⁾ days.

Raising of small livestock: holdings raising small livestock (sheep and goats) which have had at least two small livestock during the last 365⁽¹⁾ days.

Raising of poultry via traditional method: holdings raising at least 10 hens, roosters, chickens or other types of poultry through traditional method, on the day of enumeration.

Greenhouse production: holdings having activity in this field in every size during the intended crop year.

Sericulture and apiculture: holdings having activity in this field in every size during the last 365⁽¹⁾ days.

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: land allocated to farming (cultivation of annual plants), either under cultivation or left fallow.

Irrigated arable land: is a cultivated land in which the crops growing are irrigated.

Rainfed arable land: cultivated lands that are not irrigated but left to be watered through precipitation.

Area under cultivation: area allocated to crop production in the year of the survey implementation that has been cultivated in the same year or the year before.

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

Temporary crops: mostly herbaceous plants whose stems are destroyed by harvesting and whose subterranean organs (as root, bulb, etc.) remain, in some cases, in the earth, like: wheat, sugar beet, vegetables and saffron.

Permanent crops: are plants with wooden stems or trunks, all or some parts of which will remain in the earth to crop the next year. Different types of fruit trees like citrus and peach trees, vines and tea plants as well as fruitless trees like poplar are considered as permanent crops.

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 with at least 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 SCI, 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 production unit where cattle are raised according to modern procedures and methods with respect to the characteristics of the place, rearing, feeding, and health.

Broiler chicken: hen or rooster reared for its meat.

Layer chicken: these chickens, called pullet when three months old, are reared to produce edible eggs.

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

Breeder chickens: fertile eggs of this breed are used to produce chickens. Breeder chickens of broiler and layer breeds are reared to produce chickens of the same breed.

Production of one-day-old chicks for broiler and layer chickens: through the processes of this activity, depending on the case, fertile eggs of layer and broiler chickens turn into one-day-old chicks of ancestor and breeder hens, roosters, layer and broiler breeds.

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 in kind or in cash

to the wage and salary earners by the establishments.

Other payments (money, goods, etc.): includes bonus, overtime, food and clothing allowance, commuting allowance, child allowance, spouse allowance, mission allowance, unfavorable climate allowance, employer's share of social security premium, food stuff, 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: all machinery, equipment and tools usually 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 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 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 areas: lands lying in the river basin leading running water resulted from precipitation to the lake.

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 year 1395, total volume of the aquatics caught from the northern and southern waters was more than 634 thousand tons and amount of produced aquatics was 460 thousand tons. Totally, about 1094 thousand tons of aquatics were produced, out of which about 33 thousand tons were from the northern waters and about 601 thousand tons from the southern waters.

In the year 1394, the value added of this sector comprising the activities on "agriculture, hunting and forestry" as well as "fishing" at the current prices and at the 1390 constant prices was 1178640 and 428002 bln rials respectively.

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

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

About 696 thousand agricultural holdings raise cattels. The number of cattles in these holdings are 4232 thousand, of which 75% are female.

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

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

**5.1. LISTED AND COMPLETE 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 horasan	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. LISTED AND ENUMERATED HOLDERS BY TYPE OF HOLDERS AND OSTAN,**THE YEAR 1393 (continued)****(holder)**

Ostan	Private unsetteled household		Registered company/public institution	
	Listed	Enumerated	Listed	Enumerated
Total country	16077	16077	9028	9028
East Azarbayejan	31	31	326	326
West Azarbayejan.....	9	9	297	297
Ardebil.....	262	262	135	135
Esfahan	74	74	586	586
Alborz.....	0	0	218	218
Ilam.....	391	391	72	72
Bushehr.....	544	544	61	61
Tehran.....	8	8	455	455
Chaharmahal & Bakhtiyari.....	433	433	142	142
South Khorasan.....	8	8	226	226
Khorasan-e-Razavi	678	678	508	508
North horasan	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 temporay crops	Holdings with permanent crops	Green house planting	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 & Bakhtiyari.....	1010	0	20992	297
South Khorasan.....	231	19	24043	156
Khorasan-e-Razavi	1433	1631	80313	352
North Khorasan.....	612	382	22787	68
Khuzestan	970	2	57901	784
Zanjan	2254	7	27844	255
Semnan	623	3	9719	189
Sistan & Baluchestan.....	96	0	32924	517
Fars	3898	13	64264	137
Qazvin.....	1210	0	13002	123
Qom	75	0	2874	59
Kordestan.....	3407	0	30768	171
Kerman	1967	6	43389	135
Kermanshah	1204	3	33075	108
Kohgiluyeh & Boyerahmad.....	1741	0	27517	136
Golestan.....	2352	1678	35494	262
Gilan.....	3648	3723	161350	5886
Lorestan	1212	0	49623	234
Mazandaran	3520	965	138481	1875
Markazi.....	890	0	19312	144
Hormozgan	31	0	7056	21
Hamedan	1483	0	31886	93
Yazd	313	5	14704	126

Source: Statistical Center of Iran.

**5.3. NUMBER OF HOLDINGS AND AREA OF LAND ON HOLDINGS WITH CROPLAND BY
SIZE OF AGRICULTURAL LANDS, THE YEAR 1393**

(holding -ha)

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

Source: Statistical Center of Iran.

5.4. NUMBER OF HOLDINGS AND AREA OF LAND ON HOLDINGS WITH CROPLAND BY TYPE OF CULTIVATION AND OSTAN, THE YEAR 1393

(holding-ha)

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

5.4. NUMBER OF HOLDINGS AND AREA OF LAND ON HOLDINGS WITH CROPLAND BY TYPE OF CULTIVATION AND OSTAN, THE YEAR 1393,

(continued)

(holding-ha)

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

5.4. NUMBER OF HOLDINGS AND AREA OF LAND ON HOLDINGS WITH CROPLAND BY TYPE OF CULTIVATION AND OSTAN, THE YEAR 1393, (continued) (holding-ha)

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

Source: Statistical Center of Iran.

**5.5. NUMBER OF HOLDINGS AND CULTIVATION AREA OF CROPS IN OPEN AIR BY
TYPE OF CROP AND OSTAN, THE YEAR 1393 (holding-ha)**

Ostan	Wheat					
	Number of holdings			Cultivation area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	1330467	642205	787069	6475643	2068972	4406672
East Azarbayejan	109457	33516	83575	483340	55187	428153
West Azarbayejan	79390	31902	54228	331059	70757	260302
Ardebil	58746	20396	41901	260940	69280	191660
Esfahan.....	47681	43232	7420	70253	43928	26325
Alborz	1742	1686	81	8339	8166	173
Ilam	28549	8024	22618	148734	54967	93767
Bushehr	13370	1558	12011	201815	15541	186275
Tehran	8257	7590	787	50306	46949	3358
Chaharmahal & Bakhtiyari	33437	16142	22973	66258	22896	43362
South Khorasan.....	21070	17386	4367	26869	18179	8690
Khorasan-e-Razavi.....	113023	77014	43841	430140	154878	275262
North horasan.....	36361	15643	24390	132895	39594	93301
Khuzestan.....	82769	49215	36880	854297	484067	370229
Zanjan	38131	6604	34822	344270	18072	326198
Semnan.....	12264	10259	2126	36166	28146	8021
Sistan & Baluchestan	36013	34250	1947	79590	77189	2401
Fars	71831	55896	19222	325993	233826	92167
Qazvin.....	20884	10011	12000	128716	40754	87962
Qom	1289	1190	135	5907	5439	468
Kordestan.....	74512	15578	67486	560407	37492	522915
Kerman.....	41291	40907	712	127506	126888	618
Kermanshah	76516	22263	61921	351577	71708	279869
Kohgiluyeh & Boyerahmad	37260	10397	29749	94800	19691	75109
Golestan	63210	22793	43476	340315	121934	218381
Gilan	7038	338	6749	7746	168	7578
Lorestan	78702	30513	60728	370145	85473	284672
Mazandaran	27290	1443	25928	47893	1987	45907
Markazi	34930	16553	23020	224418	36995	187423
Hormozgan	1994	1776	226	13516	12724	792
Hamedan	55482	20152	41751	339877	54543	285333
Yazd	17980	17979	1	11556	11556	⊙

**5.5. NUMBER OF HOLDINGS AND CULTIVATION AREA OF CROPS IN OPEN AIR BY
TYPE OF CROP AND OSTAN, THE YEAR 1393 (continued) (holding-ha)**

Ostan	Barley					
	Number of holdings			Cultivation area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	716236	329600	413597	2070292	655179	1415113
East Azarbayejan	56543	17658	42195	111727	22340	89387
West Azarbayejan	23897	8483	16517	61885	15450	46434
Ardebil	38492	9749	31665	134509	23859	110650
Esfahan.....	38106	35897	2759	45895	40126	5769
Alborz	1801	1715	120	9184	8381	803
Ilam.....	22134	1202	21429	67537	2489	65048
Bushehr	5988	309	5715	36285	1688	34598
Tehran.....	5535	5294	313	37096	35773	1323
Chaharmahal & Bakhtiari ...	21359	6429	16897	30007	7107	22901
South Khorasan.....	18068	17233	1170	20285	18723	1563
Khorasan-e-Razavi.....	75083	61267	16563	203498	122920	80578
North khorasan.....	20448	10976	10559	60080	25234	34846
Khuzestan.....	33944	6804	27460	162477	43714	118762
Zanjan	13699	4036	10300	41397	7728	33669
Semnan.....	11506	9984	1591	28802	23813	4989
Sistan & Baluchestan	25363	22449	2995	36053	28565	7487
Fars	37363	15350	22908	147197	44711	102485
Qazvin.....	12507	8107	4719	39437	26128	13309
Qom	2404	2384	30	14448	14365	83
Kordestan.....	12320	3245	9548	19451	4629	14822
Kerman.....	28134	26631	2242	38125	34024	4100
Kermanshah	37122	2489	35581	138132	5347	132786
Kohgiluyeh & Boyerahmad ..	24334	2283	22624	49928	2934	46994
Golestan	13885	1955	12155	133124	9086	124038
Gilan	4214	260	4002	3787	116	3671
Lorestan	55611	6636	50993	205545	15025	190520
Mazandaran	14349	2489	12064	22447	1944	20503
Markazi	18414	16192	2843	44163	33785	10378
Hormozgan	1916	731	1249	6919	1368	5551
Hamedan	34752	14416	24391	117639	30572	87067
Yazd	6947	6947	1	3236	3235	⊖

**5.5. NUMBER OF HOLDINGS AND CULTIVATION AREA OF CROPS IN OPEN AIR BY
TYPE OF CROP, CULTIVATION AND OSTAN, THE YEAR 1393 (continued) (holding-ha)**

Ostan	Rice					
	Number of holdings			Cultivation area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	420441	420441	0	383013	383013	0
East Azarbayejan	1262	1262	0	2321	2321	0
West Azarbayejan	11	11	0	10	10	0
Ardebil	601	601	0	1417	1417	0
Esfahan.....	10201	10201	0	3353	3353	0
Alborz	0	0	0	0	0	0
Ilam	1961	1961	0	1589	1589	0
Bushehr	0	0	0	0	0	0
Tehran	63	63	0	292	292	0
Chaharmahal & Bakhtiyari	5938	5938	0	2411	2411	0
South Khorasan.....	39	39	0	13	13	0
Khorasan-e-Razavi.....	1603	1603	0	1094	1094	0
North horasan.....	672	672	0	404	404	0
Khuzestan.....	11609	11609	0	34347	34347	0
Zanjan	1259	1259	0	2786	2786	0
Semnan.....	0	0	0	0	0	0
Sistan & Baluchestan	7394	7394	0	6911	6911	0
Fars	13847	13847	0	20880	20880	0
Qazvin.....	2814	2814	0	1779	1779	0
Qom	0	0	0	0	0	0
Kordestan.....	0	0	0	0	0	0
Kerman.....	0	0	0	0	0	0
Kermanshah	327	327	0	383	383	0
Kohgiluyeh & Boyerahmad	10084	10084	0	6496	6496	0
Golestan	13556	13556	0	25715	25715	0
Gilan.	190104	190104	0	127052	127052	0
Lorestan	2293	2293	0	3495	3495	0
Mazandaran	144805	144805	0	140265	140265	0
Markazi.	0	0	0	0	0	0
Hormozgan	0	0	0	0	0	0
Hamedan	0	0	0	0	0	0
Yazd	0	0	0	0	0	0

**5.5. NUMBER OF HOLDINGS AND CULTIVATION AREA OF CROPS IN OPEN AIR BY
TYPE OF CROP, CULTIVATION AND OSTAN, THE YEAR 1393 (continued) (holding-ha)**

Ostan	Other crops					
	Number of holdings			Cultivation area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	1132285	930850	252858	2659975	2107075	552900
East Azarbayejan	86199	71299	23129	149737	97935	51803
West Azarbayejan	94873	80971	19394	222675	157068	65607
Ardebil	39958	33485	10539	120114	98376	21738
Esfahan.....	54807	54425	993	67518	66032	1486
Alborz	4646	4632	24	18796	18755	41
Ilam	6901	4543	2566	27042	22742	4301
Bushehr	5575	5555	25	36120	35973	147
Tehran	13189	13041	285	58652	57940	712
Chaharmahal & Bakhtiyari	15760	14309	1842	26487	24610	1876
South Khorasan.....	31727	30844	1494	26931	25410	1521
Khorasan-e-Razavi.....	141223	137697	5708	208148	190272	17876
North horasan.....	25110	19816	6845	44031	27272	16759
Khuzestan.....	30600	30119	517	280126	277199	2927
Zanjan	33475	30172	6563	80184	66923	13261
Semnan.....	14256	12774	1654	30537	23017	7519
Sistan & Baluchestan	38020	31765	6367	95633	62251	33381
Fars	48535	46463	2420	172700	168598	4102
Qazvin.....	21219	18526	4083	64880	55990	8890
Qom	1842	1806	48	7986	7929	57
Kordestan	40295	29059	18233	121622	45100	76522
Kerman.....	64925	64870	199	184931	184556	375
Kermanshah	43065	20363	25922	151151	59864	91287
Kohgiluyeh & Boyerahmad	9546	5796	4110	13645	9628	4017
Golestan	34519	19981	15184	131734	77897	53837
Gilan.	75315	25265	56088	8317	1973	6344
Lorestan	33597	20849	14851	89296	48988	40308
Mazandaran	40837	24859	16936	26846	12736	14109
Markazi.	23236	22284	1801	43625	40536	3089
Hormozgan	11705	11468	242	57249	56561	688
Hamedan	32268	28752	4795	85312	76992	8320
Yazd	15061	15060	2	7950	7949	⊙

Source: Statistical Center of Iran.

5.6. AREA AND TYPE OF GREENHOUSE ACTIVITY IN HOLDINGS BY OSTAN, THE YEAR 1393 (holding-ha)

Ostan	Number of holdings	Area	Holding		
			Cultivation of ornamental flowers and plants	Cultivation of temporary crops	Cultivation of permanent crops
Total country	13781	6191	3926	9961	1262
East Azarbayejan	193	47	71	137	24
West Azarbayejan	78	24	22	50	26
Ardebil	36	10	11	26	6
Esfahan.....	1805	778	392	1406	154
Alborz	375	137	229	186	56
Ilam	8	2	2	4	2
Bushehr	157	79	3	150	4
Tehran.....	1747	1354	494	1303	57
Chaharmahal & Bakhtiyari	40	15	8	29	6
South Khorasan.....	184	45	31	156	14
Khorasan-e-Razavi.....	674	146	181	516	47
North horasan.....	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.

**5.7. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON
THE ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1393 (holding-head)**

Ostan	Number of holdings	Number of cattle & calves			Number of holdings	Number of sheep & lambs		
		Total	Female	Male		Total	Female	Male
Total country	695526	4231993	3173134	1058859	881271	31420569	26827079	4593490
East Azarbayejan.....	60995	346304	264055	82249	64817	2307463	1944678	362785
West Azarbayejan.....	62828	315741	247031	68710	50058	2520155	2234805	285350
Ardebil	32366	192350	151164	41186	26929	1228352	1068722	159630
Esfahan.....	23707	255798	201996	53802	31562	1169196	926136	243060
Alborz.....	1803	74852	56322	18530	2475	229476	192748	36728
Ilam	7228	27679	21063	6616	12020	559033	506616	52416
Bushehr	3329	24779	11597	13182	3567	179417	151677	27740
Tehran	3905	343050	215020	128030	6631	673637	555218	118419
Chaharmahal & Bakhtiari	13198	51363	42739	8624	12564	541229	484303	56926
South Khorasan.....	7921	29328	22536	6792	39403	708068	587831	120237
Khorasan-e-Razavi.....	35882	222891	180826	42065	133462	3537424	3114304	423120
North horasan.....	12829	43870	35767	8103	37095	1100294	983823	116472
Khuzestan.....	50012	264180	206235	57945	33870	1797342	1603103	194239
Zanjan	19234	87682	67640	20042	23822	716854	595723	121131
Semnan.....	3354	57459	32011	25448	14227	969348	821821	147527
Sistan & Baluchestan	21547	88659	62127	26533	40642	744690	610016	134675
Fars.....	18719	175923	129985	45938	38148	1920053	1661918	258135
Qazvin	13783	139549	95982	43567	13697	591306	473579	117727
Qom.....	2059	62439	20767	41672	2662	189348	129465	59883
Kordestan.....	28929	93607	74575	19032	29539	811422	714458	96963
Kerman.....	32009	142286	108336	33950	46464	1462592	1160998	301594
Kermanshah	18876	73600	58337	15263	26723	979896	833047	146849
Kohgiluyeh & Boyerahmad	8465	28801	23380	5420	9232	360279	328182	32098
Golestan	30337	139150	119992	19158	29432	982365	897504	84861
Gilan.....	73572	290584	229116	61468	11027	412211	355479	56732
Lorestan.....	24567	102584	82845	19739	31019	1316333	1166450	149883
Mazandaran.....	34583	285426	231232	54194	29511	988795	840868	147928
Markazi	16754	108025	60453	47572	23693	948013	770972	177041
Hormozgan.....	10370	26904	20765	6139	7124	76503	62654	13849
Hamedan	19909	85514	60405	25109	35932	1023725	776460	247265
Yazd	2458	51617	38836	12780	13922	375749	273522	102227

**5.7. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE
ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1393 (continued) (holding-head)**

Ostan	Number of holdings	Number of goats & kids		
		Total	Female	Male
Total country	657371	1233273	10275577	2057696
East Azarbayejan	31105	313941	262142	51798
West Azarbayejan.....	22363	217253	190175	27078
Ardebil.....	14652	176609	148764	27845
Esfahan	14963	329675	253286	76389
Alborz.....	870	20742	16375	4367
Ilam.....	11510	252886	224089	28797
Bushehr.....	11802	428577	341394	87183
Tehran.....	3027	79385	62654	16731
Chaharmahal & Bakhtiari.....	9110	261935	232862	29073
South Khorasan.....	38489	607669	510584	97085
Khorasan-e-Razavi	60457	481506	411268	70238
North horasan	15525	147303	129407	17896
Khuzestan	35633	1155008	1041568	113440
Zanjan	13605	109280	92701	16579
Semnan	7205	220050	183853	36197
Sistan & Baluchestan.....	101266	1338833	1035672	303161
Fars	50400	1864625	1581349	283276
Qazvin.....	3519	45362	36636	8726
Qom	1629	46659	23657	23002
Kordestan.....	14706	129730	113428	16302
Kerman	57072	1474333	1168108	306225
Kermanshah.....	14587	171577	147974	23603
Kohgiluyeh & Boyerahmad.....	19440	675010	605606	69405
Golestan.....	8431	147433	133501	13931
Gilan	2631	42231	33925	8306
Lorestan	19555	480777	417923	62854
Mazandaran	3402	62692	50658	12033
Markazi.....	6970	81946	64684	17263
Hormozgan	43636	665394	541093	124301
Hamedan	8981	60892	46362	14530
Yazd	10830	243962	173878	70083

5.7. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1393 (continued) (holding-head)

Ostan	Number of holdings	Number of buffaloes and calves			Number of holdings	Number of camels and calves		
		Total	Female	Male		Total	Female	Male
Total country	16001	106517	87383	19134	12597	108584	86392	22192
East Azarbayejan.....	4578	15710	12286	3424	25	400	321	79
West Azarbayejan.....	2400	8937	7149	1788	25	124	91	33
Ardebil.....	2174	6584	5303	1281	29	163	116	47
Esfahan.....	26	271	205	66	253	3490	2597	893
Alborz.....	2	⊙	⊙	⊙	14	467	432	35
Ilam.....	23	138	129	9	0	0	0	0
Bushehr.....	4	790	784	6	61	2944	2537	407
Tehran.....	5	22	12	10	41	982	644	338
haharmahal & akhtiyari	7	26	21	5	5	18	14	4
South Khorasan	2	⊙	⊙	⊙	1059	14484	11120	3364
Khorasan-e-Razavi	22	111	93	18	344	3368	2776	592
North horasan	0	0	0	0	124	760	636	124
Khuzestan	5444	62095	52123	9972	117	2594	2296	299
Zanjan	142	315	132	183	0	0	0	0
Semnan	29	955	379	576	365	8469	6767	1702
Sistan & Baluchestan .	132	388	283	105	4625	35933	28742	7191
Fars	67	2509	2152	357	92	1371	1107	264
Qazvin.....	7	24	13	11	5	51	29	22
Qom	0	0	0	0	42	855	777	78
Kordestan.....	5	41	33	8	0	0	0	0
Kerman	21	140	91	49	1562	12003	9032	2972
Kermanshah.....	26	131	102	29	0	0	0	0
Kohgiluyeh & Boyerahmad	0	0	0	0	2	⊙	⊙	⊙
Golestan	81	1374	1097	277	1459	4712	4278	435
Gilan	594	2473	1951	522	0	0	0	0
Lorestan	23	153	129	24	0	0	0	0
Mazandaran.....	40	2197	2043	154	0	0	0	0
Markazi	11	488	382	106	7	120	65	55
Hormozgan	62	93	70	23	2128	10723	8907	1817
Hamedan	60	136	96	40	0	0	0	0
Yazd.....	16	364	293	71	213	4546	3104	1442

The data on this table are related to the 1393 National Census of Agriculture which has been taken in the months of Mehr and Aban.

Source: Statistical Center of Iran.

**5.8. 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	
	Number of holdings	Number of livestock	Number of holdings	Number of livestock	Number of holdings	Number of 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
East Azarbayejan	66251	2997261	41338	470911	61411	374008
West Azarbayejan	53539	3640508	24602	325879	59802	341000
Ardebil	25529	1802070	17620	264913	28519	207738
Esfahan	33209	2070807	15634	399653	25038	276262
Alborz	2341	329633	1395	31113	1788	80840
Ilam	12468	784505	12293	372997	7407	30147
Bushehr	4576	270551	11415	518544	5179	26762
Tehran	5485	898358	3952	119078	4406	370494
Chaharmahal & Bakhtiyari	11463	909094	9202	314241	10567	55498
South Khorasan	33538	985285	38140	911503	7070	31675
Khorasan-e-Razavi	127128	6108261	69820	722259	33265	240722
North Khorasan	36302	1635360	17976	220955	12766	47380
Khuzestan	38072	2486932	41495	1469942	47335	285315
Zanjan	23317	1058700	16868	163920	17160	94696
Semnan	13975	1435092	9623	330074	3446	63134
Sistan & Baluchestan	37636	975071	98054	1861126	20650	95752
Fars	34229	2534505	40724	2057039	17656	189997
Qazvin	11570	811129	5165	68043	12288	150712
Qom	2162	234215	2019	62348	1419	67531
Kordestan	32342	1197727	20157	194595	26247	101096
Kerman	69282	2068716	67093	1600000	27517	154339
Kermanshah	27165	1288985	21283	257365	18212	79488
Kohgiluyeh & Boyerahmad	8703	420020	18696	829672	7861	31105
Golestan	25351	1212615	9213	170434	30131	150282
Gilan	10890	518074	3937	63347	63710	313831
Lorestan	25207	1517969	19993	704743	22240	110791
Mazandaran	23719	1196732	4399	82218	30043	308260
Markazi	24663	1500000	10393	122919	14722	116667
Hormozgan	4721	76063	39718	777952	12488	29057
Hamedan	35389	1321287	9097	68228	17604	92355
Yazd	14214	446231	13994	362249	3385	55746

**5.8. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON
THE ENUMERATION DAY BY OSTAN (continued) (holding head)**

Year and Ostan	Buffaloes & calves		Camels & calves	
	Number of holdings	Number of livestock	Number of holdings	Number of livestock
1384	31344	191438	24147	151932
1387	000	000	000	000
1390	26880	159609	85959	16503
1393	16001	106517	12597	108584
East Azarbayejan	4578	15710	25	400
West Azarbayejan	2400	8937	25	124
Ardebil	2174	6584	29	163
Esfahan	26	271	253	3490
Alborz	2	52	14	467
Ilam	23	138	0	0
Bushehr	4	790	61	2944
Tehran	5	22	41	982
Chaharmahal & Bakhtiyari	7	26	5	18
South Khorasan	2	4	1059	14484
Khorasan-e-Razavi	22	111	344	3368
North Khorasan	0	0	124	760
Khuzestan	5444	62095	117	2594
Zanjan	142	315	0	0
Semnan	29	955	365	8469
Sistan & Baluchestan	132	388	4625	35933
Fars	67	2509	92	1371
Oazvin	7	24	5	51
Qom	0	0	42	855
Kordestan	5	41	0	0
Kerman	21	140	1562	12003
Kermanshah	26	131	0	0
Kohgiluyeh & Boyerahmad	0	0	2	7
Golestan	81	1374	1459	4712
Gilan	594	2473	0	0
Lorestan	23	153	0	0
Mazandaran	40	2197	0	0
Markazi	11	488	7	120
Hormozgan	62	93	2128	10723
Hamedan	60	136	0	0
Yazd	16	364	213	4546

Source: Statistical Centre of Iran.

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

Year and Ostan	Total milk production	Sheep			Goat		
		Number of holdings	Number of sheep milked	Milk production	Number of holdings	Number of 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
East Azarbayejan	461009	55387	1189632	49033	32466	204567	13507
West Azarbayejan	427986	51239	1506064	85090	21341	128868	9586
Ardebil	213863	23018	741240	32899	16026	109163	9118
Esfahan	555245	4110	142622	6971	5764	92920	4026
Alborz	224653	536	45561	2041	458	8580	689
Ilam	52303	4234	107793	2905	5375	88731	2976
Bushehr	21103	1391	43650	1477	4219	98912	4740
Tehran	543892	2052	166009	9175	1382	21241	1089
Chaharmahal & Bakhtiyari	114919	1626	74657	2729	3940	90939	3989
South Khorasan	68520	15144	183920	3416	25602	260766	6738
Khorasan-e-Razavi	545399	95227	2338091	38757	43967	269412	5667
North Khorasan	84958	31055	633027	18544	9638	70070	3680
Khuzestan	162140	6214	144737	12618	16156	203723	12606
Zanjan	135420	18468	362154	14173	14365	79501	5040
Semnan	106081	4064	210272	4061	3857	55680	1790
Sistan & Baluchestan	93000	10226	137281	4656	55039	416848	19104
Fars	393582	7351	218918	7138	20147	453254	17220
Qazvin	325341	5753	136252	17495	2743	19090	1738
Qom	93653	21	587	60	380	6535	650
Kordestan	125330	25214	419217	18314	17189	85574	4795
Kerman	156209	62911	560875	14074	65072	509767	16203
Kermanshah	116133	14690	404455	11917	9675	80944	3235
Kohgiluyeh & Boyerahmad	33847	1368	25041	672	13138	292034	9784
Golestan	169066	2833	107130	4095	987	24060	1312
Gilan	79119	8612	166457	3710	3146	20715	584
Lorestan	161451	4017	104858	2203	14450	316156	20783
Mazandaran	328820	9188	300059	7872	1634	21627	680
Markazi	110560	2	⊙	⊙	943	5648	351
Hormozgan	11769	4584	25589	371	39748	240821	2605
Hamedan	179827	3312	39864	824	4433	18160	1210
Yazd	190000	2958	49443	3260	9911	154867	14642

5.9. HOLDINGS WITH LIVESTOCK MILKED, NUMBER OF LIVESTOCK, AND MILK PRODUCTION BY TYPE OF LIVELIVESTOCK 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
East Azarbayejan	53297	151927	398470
West Azarbayejan.....	57801	138527	333310
Ardebil.....	24879	77419	171846
Esfahan	22140	103859	544248
Alborz	1568	31756	221923
Ilam.....	6670	20468	46421
Bushehr.....	4379	7049	14885
Tehran.....	3018	74691	533629
Chaharmahal & Bakhtiyari.....	8885	22380	108201
South Khorasan	6083	12972	58366
Khorasan-e-Razavi	30059	98392	500975
North Khorasan	11985	24093	62735
Khuzestan	39454	81289	136916
Zanjan.....	15737	39070	116207
Semnan	2592	20063	100230
Sistan & Baluchestan.....	12063	33197	69240
Fars	16082	83173	369224
Qazvin.....	10686	54212	306109
Qom	880	12429	92943
Kordestan.....	25536	51783	102221
Kerman	25135	53396	125932
Kermanshah.....	16941	35960	100981
Kohgiluyeh & Boyerahmad.....	6863	10827	23391
Golestan.....	25448	83223	163658
Gilan	46208	80268	74825
Lorestan	21483	59843	138466
Mazandaran	27200	105378	320268
Markazi.....	12407	29015	110208
Hormozgan	7694	8547	8794
Hamedan.....	15637	59177	177794
Yazd.....	3142	24281	172098

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 sum.

Source: Statistical Centre of Iran.

5.10. HOLDINGS WITH LIGHT LIVESTOCK, THEIR NUMBER OF LIVESTOCK AND PRODUCTION OF SHEEP WOOL, AND GOAT HAIR AND SOFT WOOL 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- 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
East Azarbayejan	62344	2216548	2687246	159	724	310
West Azarbayejan.....	52035	2671363	3786524	6446	63902	51262
Ardebil.....	24983	1237288	1731919	0	0	0
Esfahan	30381	1447983	1055862	1407	33935	24037
Alborz.....	2022	291518	201728	467	9696	7700
Ilam.....	10662	479866	658712	2951	86941	52333
Bushehr.....	3557	229841	253599	2055	100144	50455
Tehran.....	4852	645514	542178	763	19019	12008
Chaharmahal & Bakhtiyari.....	10400	681211	590484	146	1625	1300
South Khorasan	31803	696081	565361	26708	433912	171418
Khorasan-e-Razavi	117871	4021912	5152547	8968	104094	70317
North Khorasan	36187	1174870	1601819	4564	54540	55782
Khuzestan	23511	1751998	2649901	9524	279282	129683
Zanjan.....	22617	733129	635718	253	1383	972
Semnan	12804	936797	712643	502	23038	11963
Sistan & Baluchestan.....	26467	559237	629365	17814	303209	178812
Fars	29939	1932517	1941493	7346	282239	177638
Qazvin.....	10877	618639	544200	308	1833	1575
Qom.....	1908	157446	135888	0	0	0
Kordestan.....	31878	1014739	671085	5284	37098	11447
Kerman	65607	1662698	1372563	61638	1314395	499857
Kermanshah.....	23639	948486	1361183	1411	10994	6612
Kohgiluyeh & Boyerahmad.....	6638	267699	269041	390	9247	3577
Golestan.....	21563	935456	679895	3161	82832	45406
Gilan	10169	434267	590418	2096	32932	18864
Lorestan	24149	1030761	1349193	5872	157611	115284
Mazandaran	21552	953814	1022760	1747	34933	25477
Markazi.....	23762	1068675	1079066	698	12598	11983
Hormozgan	4584	51354	26625	39748	521212	129085
Hamedan.....	33684	1000042	562123	312	2169	961
Yazd.....	12740	273845	221993	1821	67234	37800

Source: Statistical Centre of Iran.

**5.11. 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
East Azarbayejan.....	121880	728276
West Azarbayejan.....	89342	1225757
Ardebil.....	35252	28676
Esfahan.....	87177	426244
Alborz.....	24837	72493
Ilam.....	6678	18442
Bushehr.....	16916	151174
Tehran.....	34266	359865
Chaharmahal & Bakhtiari.....	27797	79491
South Khorasan.....	41429	66607
Khorasan-e-Razavi.....	123603	690513
North Khorasan.....	36055	195283
Khuzestan.....	34897	148764
Zanjan.....	46449	243820
Semnan.....	26935	105434
Sistan & Baluchestan.....	57266	278143
Fars.....	93971	1431950
Qazvin.....	56164	871565
Qom.....	6848	65954
Kordestan.....	49562	132824
Kerman.....	175459	1238181
Kermanshah.....	26295	81954
Kohgiluyeh & Boyerahmad.....	23665	96166
Golestan.....	23441	164965
Gilan.....	145982	456248
Lorestan.....	26967	209305
Mazandaran.....	178395	1433287
Markazi.....	50958	460546
Hormozgan.....	28820	237387
Hamedan.....	50941	300654
Yazd.....	61534	178879

Source: Statistical Centre of Iran.

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

Year and Ostan	Total orchards and nurseries		Single cropping		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
East Azarbayejan.....	119223	95788	79215	61661	51040	34127
West Azarbayejan	87064	104803	69152	76628	29667	28175
Ardebil.....	32471	31147	14984	15431	19364	15716
Esfahan	85102	71034	49917	51418	48349	19616
Alborz.....	24069	14487	3257	1090	21280	13397
Ilam	6678	4924	2078	2005	4684	2918
Bushehr	16470	23635	15657	21678	1511	1957
Tehran	32970	33232	5303	8158	28726	25074
Chaharmahal & Bakhtiyari.....	27378	25605	15657	12721	14824	12884
South Khorasan	41153	35137	28197	27451	17484	7686
Khorasan-e-Razavi	123368	127557	93467	100913	35971	26645
North Khorasan	36007	27167	25072	18305	14053	8862
Khuzestan.....	22204	38594	17107	26511	5603	12083
Zanjan.....	46240	46938	30117	23419	26136	23520
Semnan	26856	34822	3775	10937	23218	23885
Sistan & Baluchestan	53263	51868	45720	44640	9396	7227
Fars.....	91150	159637	69950	110912	28345	48724
Qazvin	56130	79954	42613	55098	33047	24856
Qom.....	6848	9893	2410	7196	5104	2697
Kordestan	45173	29631	32676	9574	37654	20057
Kerman	174597	345283	123225	292667	58204	52616
Kermanshah.....	25816	18549	6754	2631	21746	15918
Kohgiluyeh & Boyerahmad.....	21613	20316	7703	6077	15427	14239
Golestan.....	15735	19610	7492	12573	8681	7037
Gilan.....	109545	60401	84492	52823	30301	7578
Lorestan.....	25760	26040	19674	23610	6321	2430
Mazandaran	165616	90843	105161	60736	65132	30107
Markazi.....	50194	46426	36605	34626	24800	11800
Hormozgan	28820	39115	24921	26841	4995	12274
Hamedan.....	48695	30223	37711	15268	18621	14955
Yazd	61534	71632	36278	49953	28769	21679

1. Considering 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.

5.13. 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
1383	17267	14216	3051	225729	49879
1388	17192	15207	1985	260241	000
1390	17192	13878	3314	245616	123352
1391	18097	14356	3741	265467	154369
1394	18093	12573	5520	274299	199062
East Azarbaveian	794	560	234	9517	7763
West Azarbaveian	597	446	151	9398	8419
Ardebil	258	172	87	3397	3126
Esfahan	1774	1285	489	28486	15981
Alborz	202	99	103	3291	1271
Ilam	261	194	67	3480	3426
Bushehr	126	96	30	2933	2870
Tehran	315	124	192	4779	3616
Chaharmahal & Bakhtivari	164	145	19	3005	1447
South Khorasan	749	559	190	9559	3921
Khorasan-e-Razavi	1326	922	404	18181	13235
North Khorasan	66	53	13	1098	876
Khuzestan	742	563	179	11158	4918
Zanian	118	95	22	3198	2939
Semnan	462	327	134	8363	7086
Sistan & Baluchestan	128	72	56	2163	1474
Fars	1038	536	503	14942	13348
Oazvin	500	338	162	7432	6290
Oom	369	255	113	5716	2960
Kordestan	525	339	185	7105	6635
Kerman	747	409	338	5702	2559
Kermanshah	775	427	348	5522	4551
Kohgiluyeh & Boverahmad	114	70	44	1292	463
Golestan	844	711	133	22365	19956
Gilan	673	516	157	15368	13110
Lorestan	462	301	161	5830	5004
Mazandaran	1700	1398	302	29198	21604
Markazi	641	496	144	12779	8702
Hormozgan	250	135	115	3307	151
Hamedan	520	399	120	6842	5590
Yazd	857	529	327	8891	5770

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

Source: Statistical Centre of Iran.

5.14. QUANTITY AND VALUE OF PRODUCTION AT BROILER CHICKEN FARMS**(ton; mln rials)**

Year and Ostan	Full-grown		Cull ⁽¹⁾		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
East Azarbayejan	79727	3146458	522	17462	55198	66256
West Azarbayejan	72884	2910398	415	6182	44164	57420
Ardebil	31009	1190051	559	11841	21040	20350
Esfahan	156626	6189384	444	11452	132333	182761
Alborz	14500	619043	40	1096	9503	12226
Ilam	29225	1105398	116	1160	23757	18375
Bushehr	17891	719627	186	2538	12154	21632
Tehran	24823	945196	116	2796	8016	6793
Chaharmahal & Bakhtiyari	19896	792812	239	4761	14608	20740
South Khorasan ⁽²⁾	56336	2256390	368	9155	36136	45059
Khorasan-e-Razavi ⁽²⁾	143336	5763794	365	11291	110316	137467
North Khorasan ⁽²⁾	8432	333064	60	1496	5920	6493
Khuzestan	76471	3192597	457	10128	51611	84454
Zanjan	22987	924668	79	1543	18828	22139
Semnan	61782	2432860	385	12048	45761	50443
Sistan & Baluchestan	13944	572050	186	4927	5867	4916
Fars	104100	4118245	534	11918	71082	113138
Qazvin	56509	2195266	31	821	38194	54576
Qom	57308	2183081	96	2954	28994	40913
Kordestan	54262	2136462	119	4374	39902	57735
Kerman	36650	1500340	343	8204	24809	58162
Kermanshah	38971	1478605	365	8544	22350	35379
Kohgiluyeh & Boyerahmad	8208	327377	72	2808	4673	6091
Golestan	193853	7812812	444	12507	134761	146964
Gilan	148021	5985238	662	13095	121877	104793
Lorestan	44085	1744902	17	560	31107	44163
Mazandaran	291646	11549787	942	22847	166751	183131
Markazi	66018	2536756	462	9534	41929	56856
Hormozgan	16510	711000	217	7459	23528	52771
Hamedan	45902	1864068	243	6683	46463	67836
Yazd	61011	2488444	187	5226	42902	84367

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

Source: Statistical Centre of Iran.

5.15. 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
East Azarbayejan	235	624	8757
West Azarbayejan	22	55	634
Ardebil	17	29	369
Esfahan	163	532	8772
Alborz	85	1393	5280
Tehran	127	554	9748
Chaharmahal & Bakhtiyari	5	7	199
South Khorasan	21	51	1090
Khorasan-e-Razavi	186	467	8303
Norh Khorasan	3	3	42
Khuzestan	10	37	450
Zanjan	16	35	709
Semnan	29	63	1467
Fars	30	88	2371
Qazvin	43	238	6795
Qom	159	489	7757
Kordestan	6	10	145
Kerman	24	105	1325
Kermanshah	17	33	757
Kohgiluyeh & Boyerahmad	5	5	200
Golestan	17	90	1991
Lorestan	3	8	150
Mazandaran	23	42	825
Markazi	91	293	3958
Hamedan	29	77	1324
Yazd	32	83	1827
Other Ostans ⁽²⁾	4	15	526

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 all Ostans that have not been mentioned

Source: Statistical Centre of Iran.

5.16. QUANTITY AND VALUE OF PRODUCTION 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	⁽²⁾ 725367	-	-	-	-	-
1389	⁽²⁾ 686531	⁽²⁾ 8548520	13937	137027	478298	116679
1390	⁽²⁾ 558659	⁽²⁾ 12132039	16315	181233	397089	127486
1393	777119	23646947	16933	342802	519146	567909
East Azarbayejan	72874	2135401	2793	50116	46395	35889
West Azarbayejan.....	3590	91579	104	1573	323	474
Ardebil.....	2476	72117	247	6187	1480	1175
Esfahan	103019	3104169	797	19817	75770	69167
Alborz	55894	1677672	1491	35104	33778	36944
Tehran.....	108492	3281482	628	18186	71353	68829
Chaharmahal & Bakhtiyari.....	1406	35198	63	1705	968	779
South Khorasan	7413	230369	175	3156	3551	4521
Khorasan-e-Razavi	99920	3128980	3845	61727	70983	81767
North Khorasan	254	7581	0	0	220	220
Khuzestan	1188	36659	//	5	1596	1535
Zanjan.....	3544	104293	91	1909	2273	2614
Semnan	5945	173114	4	106	2577	2514
Fars	20919	767909	942	21046	15406	21055
Qazvin.....	74812	2238146	348	9103	42943	39223
Qom	118686	3479285	2382	50254	55819	88889
Kordestan.....	1082	32719	1	36	743	334
Kerman	14497	509082	332	9604	18417	24582
Kermanshah.....	1931	55790	133	4635	1159	1234
Kohgiluyeh & Boyerahmad.....	1660	54730	118	2513	3234	3233
Golestan.....	15902	515873	473	10392	10613	4275
Lorestan	65	1303	0	0	35	25
Mazandaran	4888	162303	114	3068	6569	3696
Markazi.....	32108	921346	846	8965	23732	31560
Hamedan.....	7344	262789	372	8134	6584	4956
Yazd.....	15188	515090	481	8194	22040	37738
Other Ostans ⁽³⁾	2022	51967	153	7269	585	680

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

2. Edible eggs includes shell-less and broken eggs

3. Including all Ostans that have not been mentioned.

Source: Statistical Centre of Iran.

**5.17. NUMBER AND CAPACITY OF OPERATING MODERN CATTLE FARMS BY ACTIVITY
(head)**

Year and activity	Number	Capacity
1375	9042	962228
1379	8559	982074
1386	14267	1895863
1389	24660	2747524
1392	18299	2572999
1395	18547	2829667
Dairy cattle	13193	2090885
Beef cattle only	5354	738782

Source: Statistical Centre of Iran.

5.18. 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	Hybrid	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

5.18. 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	Hybrid	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.

5.19. 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	17755	2229	16173
1378	1215	1247549	2000	35060	1865	32775
1385	2415	6624859	3233	197484	2680	169334
1388	3216	-	-	-	-	-
1391	3794	31934434	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 & Bakhtiyari.....	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	-	-

Sources: Statistical Centre of Iran.

**5.20. NUMBER AND WEIGHT OF LIVESTOCK SLAUGHTERED AT AUTHORIZED
SLAUGHTERHOUSES (1000 carcasses- 1000 tons)**

Year	Total		Sheep		Goats	
	Number	Weight	Number	Weight	Number	Weight
1380 ⁽¹⁾	12769	419	8743	141	2264	29
1385 ⁽¹⁾	14375	463	9870	166	2914	39
1390	8950	391	5673	104	1842	27
1391	10393	416	6828	126	2129	32
1392	10735	377	7450	138	2206	33
1393	12873	425	9196	165	2504	37
1394	14117	476	10236	184	2552	37
1395	13328	448	9709	176	2388	35

Year	Cattles and sheep		Buffaloes and calves		Camels and calves	
	Number	Weight	Number	Weight	Number	Weight
1380 ⁽¹⁾	1645	228	50	8	67	13
1385 ⁽¹⁾	1518	246	46	7	27	5
1390	1382	250	26	4	27	6
1391	1378	248	32	5	26	5
1392	1035	198	20	3	24	5
1393	1126	214	28	5	19	4
1394	1278	245	29	5	22	5
1395	1183	228	24	5	24	5

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

Source: Statistical Centre of Iran.

5.21.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 entered the network ⁽¹⁾
1380-81	778694	7464.0
1389-90	702119	11864.3
1390-91	1602440	14412.0
1391-92	1460052	13709.2
1392-93	924612	12894.0
1393-94	982267	12063.0
1394-95	1004292	12365.8
East Azarbayegan	8248	54.7
Sufichay	2713	27.9
Sattarkhan	4135	24.5
Bonab-e- Marand	0	0.0
Zonooz-e chukhorzamee	1400	2.3
West Azarbayegan	52263	621.1
Dasht-e-Shiblu	1664	32.5
Dasht-e-Zanganeh	481	8.0
Zarrinehrud (Miyandoab) ⁽¹⁾	31640	403.3
Mahabad	10918	100.2
Qanbar Kandi	1069	16.0
Hasanlu	4520	34.0
Poldasht.....	1971	27.0
Ardebil	99246	1233.2
Quri chay.....	1892	7.4
Moghan	91243	1201.8
Ardebil	5650	22.1
Saghezchee.....	461	1.8
Esfahan	81143	533.2
Abshar	27000	122.4
Borkhar(Esfahan).....	2400	12.1
Rudashtin	17980	139.1
Karvan (Khamiran)	4390	18.3
Mahyar	1050	13.4
Nekuabad	19010	192.4
Golpayegan	7930	29.1
Hanna.	1383	6.4
Alborz.....	10175	21.8
Kordan	10175	21.8
Ilam.....	30248	205.3
Konjan Cham	2777	37.3
Holilan	500	4.7
Doviraj 1 & 2	4205	46.3
Amirabad.....	3	0.2
Dasht-e-Abbas.....	20443	101.5
Meymeh	1920	11.8
Mulab	315	2.3

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

Regional water organizations and irrigation and drainage network	Area under cultivation	Volume of water entered the network
Pahle va Parchineh.....	85	0.8
Saleh Abad.....	0	0.6
Bushehr	17866	292.6
Ahram.....	775	17.2
Dalaki.....	8000	121.4
Abikhsh (former Shabankareh).....	6746	125.3
Kelel.....	1120	16.1
Shabankareh.....	1225	12.7
Tehran	69029	204.0
Varamin.....	47000	111.7
Karaj.....	17430	38.1
Robat Karim.....	4599	54.3
Chaharmahal & Bakhtiari	2317	20.5
Ardal.....	337	3.1
Jonaqan.....	410	3.4
Gandoman & Boldaji.....	1250	12.0
Dasht-e Bar Aftab-e- Kalbali Koshteh.....	320	2.0
South Khorasan	130	4.6
Shahid Parsa-ey- Ferdos.....	17	0.1
Farokhee.....	30	0.3
Nahreyen.....	58	3.5
Keriet.....	25	0.7
Khorasan-e-Razavi	9350	45.6
Shahid Yaqubi.....	705	2.1
Shahid Dehqan Taybad.....	35	0.1
Tabarakabad.....	1695	7.1
Sangard.....	162	1.5
Kamayestan.....	250	0.9
Fariman.....	2008	9.8
Doostee.....	0	0.0
Zavin.....	680	1.0
Sedeh.....	265	2.4
Kardeh.....	2140	12.9
Torogh.....	1410	7.9
North Khorasan	7011	56.5
Shirvan.....	2664	17.2
Chery.....	228	1.1
Esfarayn.....	2250	15.0
Bojnourd (Shireen Dareh).....	1869	23.3
Khuzestan	269616	5724
Avan.....	7734	65.5
Dez.....	121112	2985.8

5.21.UTILIZATION OF MODERN IRRIGATION AND DRAINAGE NETWORKS BY REGIONAL WATER ORGANIZATIONS (continued)
(ha; mln cu m)

Regional water organizations and irrigation and drainage network	Area under cultivation	Volume of water entered the network
Shavur	5994	95.9
Fajr & Jayzan	4584	24.1
Gotvand.....	33793	1055.3
Marun (Behbahan)	10210	121.0
Veys	9280	129.3
Beneh Basht	1499	13.0
ShahidRajae.....	3278	28.7
Shadegan.....	1515	30.7
Ramshir	8428	48.6
Dareyon.....	10957	375.2
Damghani.....	131	1.7
Kowsar.....	4721	6767.0
Karkheh-e- Jonoubee	27414	436.5
Karkheh-e- Shomalee	12369	205.0
Khoramshahr.....	312	8.3
Hendijohn.....	6285	32.3
Semnan.....	20001	129.2
Garmsar	19166	121.6
Damghani	835	7.6
Sistan & Baluchestan.....	59557	659.4
Bampur	0	0.1
Chahnimeh	41800	348.2
Miyankangi	15377	305.9
Bahukalat	2380	5.3
Fars.....	11068	58.2
Dorudzan(Ramjerd)	10938	57.5
Iezadkhast.....	130	0.7
Qazvin.....	30971	225.1
Qazvin	30971	225.1
Kordestan.....	1207	10.0
Zarivar (Marivan).....	0	0.0
Qeshlaq	200	1.7
Kamyara.....	337	2.4
Legzy	670	5.9
Kerman	2108	42.6
Jiroft.....	928	12.7
Narmashir.....	1180	29.9
Kermanshah	4160	14.8
Berimvand.(Dasht-e Zahob)	1350	5.3
Jegarlu.(Qasr-e Shirin)	290	1.7
Ravansar.....	650	2.0

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

(ha; mln cu m)

Regional water organizations and irrigation and drainage network	Area under cultivation	Volume of water entered the network
Sefidbarg.....	50	0.2
Sumar.....	530	2.5
Eainlqas	740	1.7
Nazliyan.....	550	1.4
Mian darband.....	0	0.0
Bilevar	0	0.0
Kohgiluyeh & Boyerahmad	892	48.1
Servak & Shahqasem	194	1.9
Dasht-e-rum	22	1.6
Dasht-e-choram	62	1.4
Dasht-e-chitab.....	98	4.1
Lishter & Kheirabad	516	39.0
Rudyal.....	0	0.0
Golestan⁽²⁾	16360	89.2
Voshmgir	10092	59.6
Golestan ⁽²⁾	3330	15.0
Kowsar.....	450	2.8
Bustan	2488	11.8
Gilan	171000	1713.8
Sefidrud & Fumanat ⁽¹⁾	117340	398.2
Fumanat	51000	343.6
Golerud	2660	972
Lorestan.....	4075	56.9
Chogholvandi.....	1325	18.4
Aliabad (Dorud).....	330	6.8
Silakhur.....	2200	29
Kaznar Aligoudarz.....	60	0.5
Haleh Koohdasht	40	0.4
Glum Bahri	120	1.7
Mazandaran	15262	204.1
Tajan	9179	127.4
Alborz	2700	21.9
Gelevard.....	3383	54.9
Markazi	3570	10.7
Saveh	3570	10.7
Hormozgan.....	5884	41.5
Minab.....	5434	21.6
Jegien.....	450	19.9
Hamedan.....	1535	45
Shaban Borzul.....	1535	45

1. Data for previous years were prepared and presented based on the Solar Year. Since the utilization of irrigation networks corresponds to crop year, the current year's data are also presented in the crop year..

2. Utilized also for non-agricultural consumption such as drinking, sanitation, manufacturing and raising of aquatic animals (changing from 0% to 35%).

Source: Ministry of Energy.

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

Crop	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394	The year 1395
Wheat	875	2050	3600	3950	5500	10500	11500	⁽¹⁾ 12705
Barley	694	1520	2900	3400	4500	7800	9200	10028
Grain corn	775	1620	3000	3500	4650	8700	9600	10368
Peas	1560	5000	6800	7900	10200	19000	22200	24640
Navy beans	1868	4500	×	7000	9000	18000	21000	23940
Kidney beans	1723	4500	6000	7000	9000	17800	21000	24150
Pinto beans	2240	4500	6200	7200	9500	18000	21000	23940
Lentils	1905	5000	6800	7900	10200	20000	23000	26450
Sugar beets	225	460	900	1050	1350	2100	2700	⁽²⁾ 2916
Cotton (unginne)	2428	5000	9000	10500	14000	22000	25500	29325
Soybeans	1568	3200	5200	6620	8700	17000	19700	22655
Sunflower seeds.....	1818	3400	6000	7000	9500	18500	21500	24510
Potatoes	380	883	1450	1470	1900	3000	3600	⁽³⁾ 3888
Onions	327	627	900	1050	1350	2000	2400	⁽⁴⁾ 2592

1. Referring to the price for regular wheat. Price for the second round wheat is 13300 Rials.

2. Referring to the price for spring sugarbeet. Price for fall sugarbeet is 2975 Rials

3. Referring to the price for spring potatoes. Prices for fall and Tarhe Estemrar potato are 4237 and 4897 Rials, respectively.

4. Referring to the price for spring onions. Prices for fall and Tarhe Estemrar onion are 2825 and 3005 Rials, respectively.

Source: Government.

5.23. 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
1391.....	4362	4934	12238	20359	34903	18977	1128	17674	39631
1392.....	7609	6538	23503	25340	53283	25694	1891	23726	44757
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
East Azarbayejan.....	11954	8947	×	36746	61965	51158	3990	×	×
West Azarbayejan	12413	8161	×	45271	×	×	2826	×	×
Ardebil	12164	8186	×	53453	67356	52165	×	30000	×
Esfahan.....	12216	9917	53182	47492	65913	44847	×	×	×
Albor	12369	8519	×	22331	×	×	×	×	×
Ilam.....	12489	10680	×	30953	48861	38213	3000	×	×
Bushehr	12619	9562	×	×	×	×	×	×	×
Tehran	12709	10499	×	×	×	×	×	×	×
Chaharmahal & Bakhtiyari.....	12128	8618	×	47751	55276	41455	3466	×	×
South Khorasan	12540	8587	×	×	×	×	2577	34985	×
Khorasan-e-Razavi .	12412	8585	×	39903	×	48038	3379	30593	×
North Khorasan.....	12480	8817	×	42667	54074	48901	3484	30845	×
Khuzestan.....	12471	9918	27208	×	×	×	×	×	×
Zanjan.....	12153	7516	24509	27669	74966	52827	×	×	×
Semnan	12484	8496	×	×	69771	42183	2965	32197	×
Sistan & Baluchestan	12399	12021	×	×	×	×	×	×	×
Fars.....	12492	9041	52741	56178	49388	48438	3044	31575	×
Qazvin	11984	7213	×	45098	63171	51258	3284	×	×
Qom.....	11994	7790	×	×	×	×	×	27916	×
Kordestan	12480	7653	×	44626	75000	62599	×	×	63182
Kerman.....	12721	10093	×	52846	59674	59535	×	×	×
Kermanshah.....	12725	8386	×	43156	×	35992	2610	×	×
Kohgiluyeh & Boyerahmad	12497	8497	42614	×	58746	49763	×	×	×
Golestan.....	12585	8574	32739	11859	×	51834	×	27737	71324
Gilan.....	×	×	41622	×	34750	×	×	×	97500
Lorestan.....	12679	7726	×	38999	52600	34429	2887	×	×
Mazandaran	12196	8299	35158	15595	×	×	×	×	80954
Markazi	12344	7671	×	49349	58739	52967	2706	×	×
Hormozgan.....	12790	×	×	×	×	×	×	×	×
Hamedan	12104	8724	×	36334	×	43459	2567	×	×
Yazd	13351	10280	×	×	×	×	×	×	×

5.23. 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	⁽¹⁾ 758
1385.....	12230	3794	1598	1033	2161	1671	1308	1059	1328
1390.....	35802	8467	3002	1520	5488	2158	1837	2682	3103
1391.....	86523	11293	4745	2505	7761	2515	3437	3523	4732
1392.....	136770	23532	5776	4041	10697	12394	6183	7069	5341
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
East Azarbayejan.....	×	52255	10487	6281	11251	3422	7088	4310	7292
West Azarbayejan.....	×	×	6814	3991	13651	4200	4872	3180	5172
Ardebil.....	×	×	6706	3053	9616	3921	11391	3923	5342
Esfahan.....	45000	×	8271	6007	5766	5114	5027	4908	7649
Alborz.....	×	×	×	×	13616	×	4383	5760	7813
Ilam.....	×	×	10000	6149	9015	×	14253	11837	6313
Bushehr.....	115797	×	13330	4496	7892	×	9959	5656	8342
Tehran.....	×	×	×	×	10137	5276	×	4079	7156
Chaharmahal & Bakhtiari.....	×	×	×	×	14996	3471	×	8784	7166
South Khorasan.....	×	×	9018	5921	18353	×	11538	9353	7841
Khorasan-e-Razavi.....	×	×	7484	3993	9642	5013	5020	3205	8118
North horasan.....	×	32593	×	×	11133	5477	5271	3349	8258
Khuzestan.....	×	×	3772	4021	6726	2507	3179	3557	2731
Zanjan.....	×	×	7487	4303	14877	4872	6305	3274	6712
Semnan.....	×	25577	11546	5615	18358	4242	5597	5083	7731
Sistan & Baluchestan.....	100000	×	3950	5203	×	×	5110	6002	8593
Fars.....	×	×	7011	5047	14099	4200	4726	3279	8002
Qazvin.....	×	×	8508	3283	11125	5636	7123	3753	6294
Qom.....	×	×	9958	×	×	×	6469	×	7884
Kordestan.....	×	×	×	6015	14572	4903	8067	7552	7381
Kerman.....	×	×	8008	6910	9997	5023	3480	3635	7559
Kermanshah.....	×	×	×	3676	7136	6202	5056	3767	6468
Kohgiluyeh & Boyerahmad ..	×	×	×	6742	17386	×	×	10561	11912
Golestan.....	×	22403	7318	4084	10476	4130	7169	3114	×
Gilan.....	×	×	15614	4584	16701	×	24954	15240	×
Lorestan.....	×	×	×	×	9580	5391	5037	5071	6422
Mazandaran.....	×	×	7275	5339	14877	9989	16606	5840	×
Markazi.....	×	×	7224	4137	7476	4462	4234	3821	6356
Hormozgan.....	118000	×	×	7481	12958	9819	9179	6771	×
Hamedan.....	×	×	×	2957	9333	3359	8693	2922	6667
Yazd.....	×	×	10091	5744	13083	×	7113	7468	9009

1. In the year 1380, the price of dried alfalfa and clover was included together.

Source: Statistical Centre of Iran.

5.24. AVERAGE FARM-GATE SALE PRICE PER KILOGRAM OF SELECTED PERENNIAL 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
1391.....	7635	16733	19112	7209	7211	9251	11890	153476	58318	79700
1392.....	14680	27599	25900	10290	7042	17858	12014	256882	94120	155540
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
East										
Azarbajejan...	16187	22367	21072	11143	×	×	×	×	154764	180264
West										
Azarbajejan..	13798	36083	×	10506	×	×	×	×	110000	169964
Ardebil	13678	22826	28876	20333	×	×	×	×	×	132687
Esfahan	10160	23691	×	12902	×	×	10416	346235	135279	199940
Alborz.....	16008	39142	46246	15503	×	×	×	×	×	221721
Ilam	21673	39540	40000	32792	20562	×	20962	×	×	153737
Bushehr	×	×	×	×	×	23856	×	×	×	×
Tehran	13276	21440	41297	13749	×	×	16406	181531	×	251744
Chaharmahal & Bakhtiyari	10738	33293	×	10340	×	×	×	×	304055	311471
South										
Khorasan	×	37917	×	11706	×	64828	14780	220000	103514	216667
Khorasan-e-Razavi	10175	24219	25706	11379	×	×	11933	230519	112753	188121
North										
Khorasan	14787	28526	45387	13249	×	×	×	×	100458	169789
Khuzestan.....	×	×	×	19212	10946	16591	17819	×	×	×
Zanjan	10714	×	×	10802	×	×	11693	×	77272	135986
Semnan	18091	36987	46299	13880	×	×	23499	222644	95721	238678
Sistan & Baluchestan .	×	×	×	35455	×	40545	×	×	×	×
Fars	10934	23913	×	10650	23185	25119	20025	246293	102163	207937
Qazvin	21651	33660	57150	14980	×	×	15535	313260	90526	234481
Qom	20983	39153	37955	22379	×	×	16736	×	127838	258600
Kordestan	15757	33145	20000	14900	×	×	20091	×	81015	164782
Kerman	22500	38400	×	25833	17816	48216	28385	227092	242055	152722
Kermanshah.	15198	29134	×	16127	×	36602	14063	×	111613	169146
Kohgiluyeh & Boyerahmad .	13873	38793	×	11800	19925	×	20236	×	146912	307265
Golestan	12511	×	48333	×	9166	×	20178	×	×	188346
Gilan	×	×	11480	×	13688	×	7973	×	×	146952
Lorestan	9453	33846		12007	×	×	19984	×	131323	173337
Mazandaran .	×	×	×	×	4295	×	15000	×	×	186425
Markazi	22891	61057	×	7381		×	16890	×	121337	217295
Hormozgan ..	×	×	×	×	×	62443	×	×	×	×
Hamedan	13920	25325	×	9421	×	×	×	×	157895	187946
Yazd	46593	57454	50000	16095	×	×	11857	249736	124130	187926

Source: Statistical Centre of Iran.

**5.5.25. AVERAGE PRODUCTION COSTS 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	0	0	14375530	710
Irrigated colza.....	5703110	2521	9015350	3900	13138780	4620
Rainfed colza.....	4265290	2202	6552460	3670	7313280	5240

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

Crop	The Crop year 1391-92		The Crop year 1392-93	
	Production cost	Cost price	Production cost	Cost price
Irrigated wheat.....	20112370	5380	25361900	7550
Rainfed wheat.....	5964550	5510	8175990	8330
Irrigated barley	19587110	5540	33690800	7270
Rainfed barley	5692700	6040	7231070	9160
Irrigated grain corn.....	28555280	4280	34323730	6450
Rainfed forage maize	26450200	520	47398450	980
Irrigated peas.....	26571660	20790	21054310	18260
Rainfed peas	7090900	13110	8139140	17500
Irrigated lentils	20843290	19630	17953130	25790
Rainfed lentils	8152100	14430	9121860	23940
Irrigated sunflower	29570210	17540	31429420	20810
Rainfed sunflower	8976090	11150	9438630	10290
Irrigated cotton	25864490	10330	42972560	14600
Rainfed cotton	0	0	0	0
Sugar beets	42743480	940	55606280	1170
Irrigated watermelons.....	44412740	1640	57067010	2070
Rainfed watermelons.....	15895170	1220	20591380	2960
Irrigated cucumbers.....	96523930	4060	103492670	4450
Irrigated potatoes.....	82304380	2260	122742770	4030
Irrigated onions	82241730	2510	77603470	2430
Irrigated tomatoes.....	77258700	2310	96953890	2590
Irrigated navy beans	36685200	19410	48849470	21360
Irrigated kidney beans	35526640	17710	44772820	20300
Irrigated pinto beans.....	42849630	16210	54434180	23490
Irrigated spring soybeans	28260680	14270	28463060	10860
Rainfed spring soybeans.....	17051670	6810	19200350	9140
Irrigated summer soybeans.....	17343840	7090	31650940	14530
Rainfed summer soybeans.....	16730010	7540	17603710	9520
Quality long grain rice.....	56530140	14420	75317120	19370
High-yielding long grain rice	43720200	9930	60902360	9820
Quality mid-size rice	40077460	10820	43058250	11650
Short grain rice	82199340	14850	61421010	14450
High-yielding short-size grain ric	0	0	66167940	12380
High-yielding mid-size grain rice.....	50435330	9130	61318510	9650
Paddy.....	39137450	12030	58149060	17310
Irrigated alfalfa.....	30501700	2800	39911730	3980
Rainfed alfalfa.....	10566190	1980	9498400	5240
Irrigated clover	24506050	2460	24716890	3360
Irrigated colza.....	19715090	9450	23159810	13360
Rainfed colza.....	13502180	9600	12910130	10100

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

Crop	The Crop year 1393-94	
	Production cost	Cost price
Irrigated wheat.....	29150740	7840
Rainfed wheat.....	9583880	9480
Irrigated barley.....	27016660	8270
Rainfed barley.....	8424650	9730
Irrigated grain corn.....	45977930	6790
Rainfed forage maize.....	42350160	950
Irrigated peas.....	25505260	24220
Rainfed peas.....	9395680	23260
Irrigated lentils.....	20151470	26450
Rainfed lentils.....	10598360	26300
Irrigated sunflower.....	33404750	23540
Rainfed sunflower.....	4814470	13490
Irrigated cotton.....	46524140	15210
Rainfed cotton.....	0	0
Sugar beets.....	68851600	1490
Irrigated watermelons.....	63625640	2320
Rainfed watermelons.....	24910310	2520
Irrigated cucumbers.....	81617540	3930
Irrigated potatoes.....	107422180	3590
Irrigated onions.....	97411960	2250
Irrigated tomatoes.....	107664610	2860
Irrigated navy beans.....	46167250	21400
Irrigated kidney beans.....	50061540	21830
Irrigated pinto beans.....	53887430	22100
Irrigated spring soybeans.....	28028910	11570
Rainfed spring soybeans.....	23879340	10990
Irrigated summer soybeans.....	31119870	11730
Rainfed summer soybeans.....	17024610	9930
Quality long grain rice.....	82599900	20780
High-yielding long grain rice.....	70036120	10000
Quality mid-size rice.....	34882030	11400
Short grain rice.....	67910910	19510
High-yielding short-size grain ric.....	73091320	15020
High-yielding mid-size grain rice.....	70706230	12250
Paddy.....	53959300	20530
Irrigated alfalfa.....	41877360	4240
Rainfed alfalfa.....	11357840	4280
Irrigated clover.....	29971940	4330
Irrigated colza.....	25133020	12370
Rainfed colza.....	8734690	6420

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

Source: Ministry of Jihad-e-Agriculture.

**5.26. DOMESTIC PRODUCTION AND SALE OF SELECTED AGRICULTURAL MACHINERY
BY MANUFACTURING ESTABLISHMENTS (unit)**

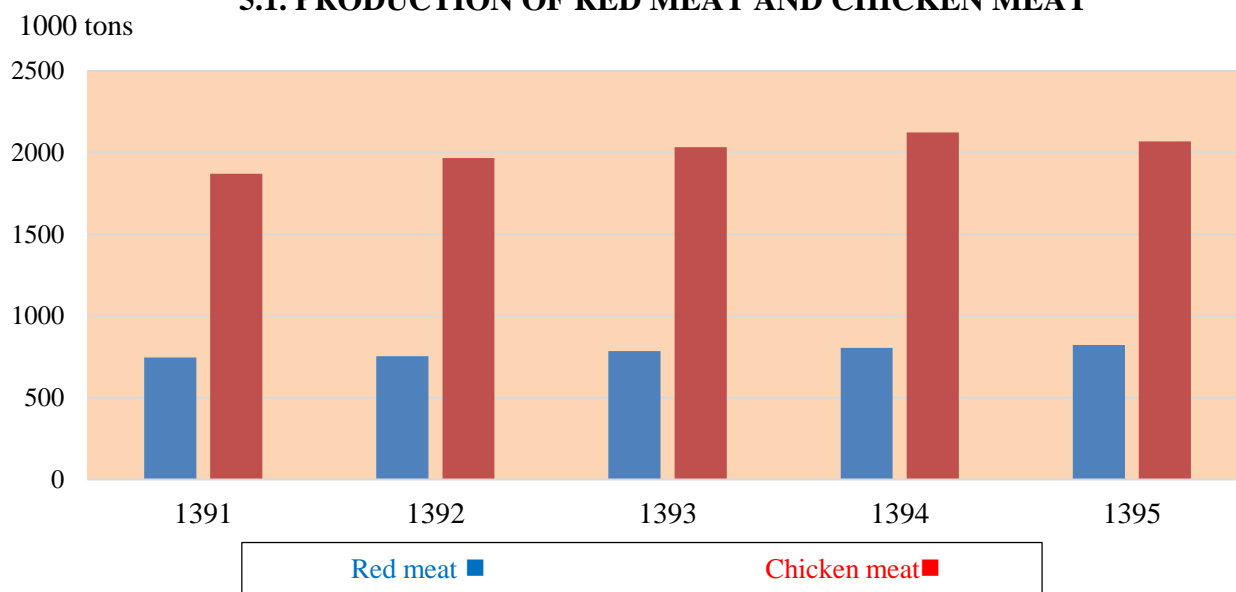
Year	Tractor		Combine		Plough share	
	Production	Sale	Production	Sale	Production	Sale
1380.....	5452	4727	240	225	6856	6688
1385.....	12208	12560	523	537	7031	4644
1389.....	32929	27351	968	968	6010	5858
1390.....	23688	23985	163	164	4406	4081
1391.....	29979	32953	263	386	6417	6365
1392.....	26101	23193	376	210	4385	4171
1393.....	23931	22671	1014	931	6278	5809
1394.....	13733	14195	241	328	6739	7634

Source: Statistical Centre of Iran.

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

Year and Ostan	Red meat	Milk	Chicken meat	Egg	Honey
1380	743	5748	885	581	26100
1385	829	7741	1360	677	36040
1390	740	7685	1783	700	50700
1391	747	7951	1871	913	71100
1392	755	8268	1967	893	74600
1393	785	8800	2033	925	77810
1394	806	9140	2123	931	77393
1395	823	9653	2069	940	81478
East Azarbayejan	50	493	77	86	13044
West Azarbayejan.....	45	360	78	10	20996
Ardebil	29	254	40	9	6030
Esfahan	44	1182	171	91	3127
Alborz	10	351	21	89	316
Ilam.....	17	86	35	1	608
Bushehr.....	8	38	34	1	392
Tehran.....	30	1015	34	150	857
Chaharmahal & Bakhtiyari	21	229	20	3	1101
South Khorasan.....	13	103	51	12	156
Khorasan-e-Razavi	73	936	152	94	1853
North Khorasan.....	14	91	15	1	1885
Khuzestan	42	311	81	8	1934
Zanjan.....	14	138	39	11	579
Semnan	12	139	48	13	257
Sistan & Baluchestan.....	21	70	25	6	42
Fars	62	557	127	46	5221
Qazvin.....	25	496	60	72	634
Qom	8	124	31	68	161
Kordestan.....	21	118	69	5	1158
Kerman	34	251	46	15	1516
Kermanshah.....	23	203	36	10	2874
Kohgiluyeh & Boyerahmad.....	11	66	11	5	831
Golestan.....	27	330	164	25	1423
Gilan	23	178	161	18	5038
Lorestan	27	222	59	6	1561
Mazandaran	46	456	212	14	4819
Markazi.....	23	263	55	37	848
Hormozgan	7	27	25	1	127
Hamedan.....	29	333	46	14	1962
Yazd.....	14	233	46	19	128

Source: Ministry of Jihad -e- Agriculture.

5.1. PRODUCTION OF RED MEAT AND CHICKEN MEAT

For data see Table 5.27.

**5.28. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY
MINISTRY OF COOPERATIVES, LABOUR AND SOCIAL WELFARE AT THE END OF
THE YEAR** (mln rials)

Description	Number	Members	Employed	Capital
<i>Registered cooperatives⁽¹⁾</i>				
1380.....	13929	218982	108749	992771
1385.....	25730	345771	190503	1392819
1390.....	37320	459202	292382	3146011
1391.....	41967	523690	350720	3586904
1392.....	45052	556096	397288	5873934
1393.....	46260	572348	408576	5684167
1394.....	47315	588403	417920	11700568
1395.....	48328	614127	431598	12267855
<i>Cooperatives under establishment</i>				
1380.....	965	35531	9504	51407
1385.....	4613	72303	37474	140032
1390.....	5664	62125	51341	739081
1391.....	8628	101351	98241	816951
1392.....	8802	106296	118455	774698
1393.....	7791	82900	110736	1513966
1394.....	7574	82224	91245	1526950
1395.....	7395	89114	94466	1914359
<i>Cooperatives in operation</i>				
1380.....	8006	118595	69787	804515
1385.....	14119	190318	109659	1063415
1390.....	16485	211851	134807	1869834
1391.....	16773	216142	135623	2167894
1392.....	16017	217580	140253	3668305
1393.....	16394	220123	138064	2336731
1394.....	16096	222799	153372	5802381
1395.....	14795	220006	133344	6475993

**5.28. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY
MINISTRY OF COOPERATIVES, LABOUR AND SOCIAL WELFARE AT THE END OF
THE YEAR (continued)** (mln rials)

Description	Number	Members	Employed	Capital
East Azarbayejan.....	391	5245	3928	54153
West Azarbayejan	259	2760	2594	90552
Ardebil.....	283	2891	1754	32369
Esfahan.....	489	13448	5302	154927
Alborz.....	73	1733	788	37597
Ilam	634	9509	5009	46495
Bushehr	543	4378	6779	77921
Tehran	445	16888	7061	93676
Chaharmahal & Bakhtiyari.....	434	3819	3529	47771
South Khorasan	139	2562	1616	58547
Khorasan-e-Razavi	1176	26831	10508	547762
North Khorasan	230	2408	1589	27228
Khuzestan	1026	8879	8502	97573
Zanjan.....	205	3221	1514	36027
Semnan	289	3548	2294	65623
Sistan & Baluchestan	405	3355	3229	42893
Fars.....	829	17803	6558	163368
Qazvin	113	2323	1077	59630
Qom.....	186	1546	1378	79653
Kordestan	252	4821	2292	484645
Kerman.....	1082	14499	8455	90066
Kermanshah.....	614	8763	7215	34510
Kohgiluyeh & Boyerahmad	372	3250	3104	43973
Golestan.....	766	11853	6517	179808
Gilan.....	612	8714	7177	154698
Lorestan.....	566	5382	4078	215616
Mazandaran.....	1052	15155	10858	3269897
Markazi	380	4659	1401	53421
Hormozgan	389	4413	3439	38978
Hamedan	189	2028	1882	41557
Yazd	372	3322	1917	55059

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

Source: Ministry of Cooperatives, Labour and Social Welfare.

**5.29. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED
BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES, BY TYPE OF
ACTIVITY AT THE END OF THE YEAR** (mln rials)

Year and type of activity	Number	Members	Capital ⁽¹⁾
1380.....	1827	970609	221822
1385.....	2008	1010551	404366
1390.....	1997	1068541	836954
1391.....	2051	1134128	1249694
1392.....	1952	1071956	1588498
1393.....	2040	1092032	1632125
1394.....	1902	1019276	2374637
1395.....	1904	1047684	2643657
Poultry farming	315	24751	1061378
Livestock farming	567	574756	725636
Wheat farming.....	97	29470	36740
Permanent crops farming	92	133960	78745
Apiculture.....	199	65818	73435
Combine harvester management	15	3044	1801
Range Manegement	28	7987	11717
Mechanization	41	3141	6530
Others	550	204757	647675

1. The cooperative declared capital is the registred capital for the members' cash contribution resources, and dose not include trading capital, creating and acquisition of visable and invisable fixed assets and long term investments.

Source: Central Organization of Rural Cooperatives.

**5.30. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED
BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY OSTAN AT THE
END OF THE YEAR 1395**

Ostan	Number	Members
Total country	1904	1047684
East Azarbayejan	179	84377
West Azarbayejan	67	37417
Ardebil	33	16738
Esfahan	159	97144
Alborz.....	39	7052
Ilam	89	7140
Bushehr	14	3569
Tehran	52	12165
Chaharmahal & Bakhtiari	56	7018
South Khorasan	77	35060
Khorasan-e-Razavi	168	119223
North Khorasan	33	11905
Khuzestan.....	43	21166
Zanjan	14	1916
Semnan	38	12779
Sistan & Baluchestan	20	961
Fars	103	65102
Qazvin	35	14540
Qom	15	19563
Kordestan	49	15592
Kerman	35	19733
Kermanshah	118	28187
Kohgiluyeh & Boyerahmad	24	4025
Golestan	66	25286
Gilan	91	123611
Lorestan	31	25604
Mazandaran	73	96241
Markazi	55	30742
Hormozgan	44	8366
Hamedan	47	74639
Yazd	37	20823

Source: Central Organization of Rural Cooperatives.

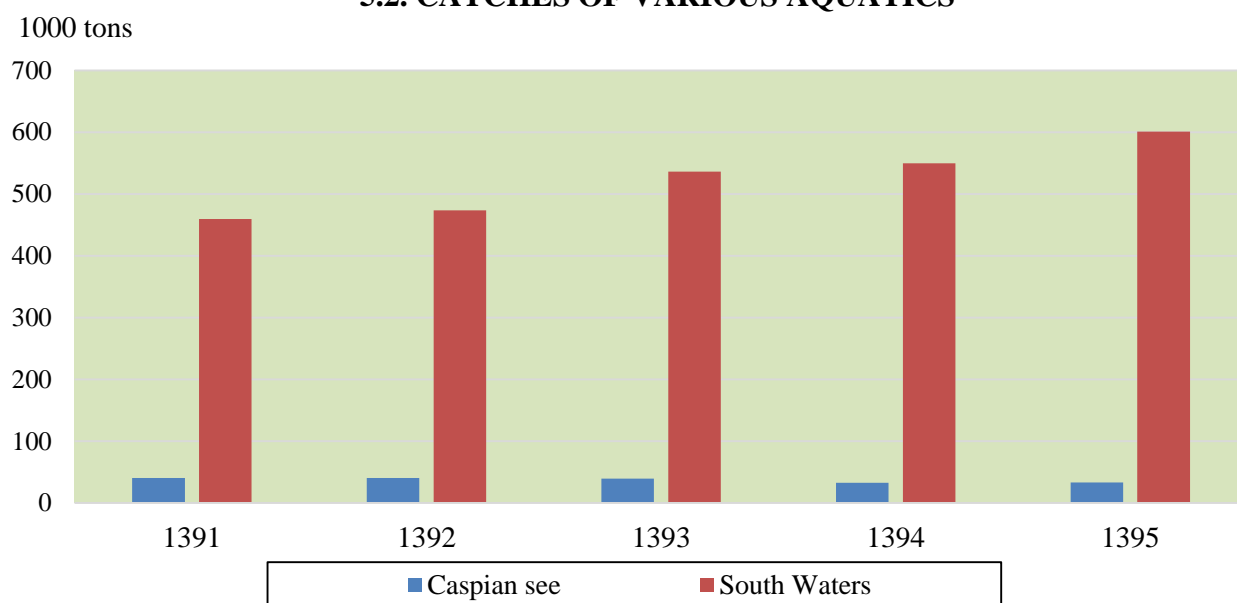
5.31. AREA OF AFFORESTATION AND SAPLING PRODUCTION⁽¹⁾**(ha;1000 sapling)**

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
1391.....	18011	4247	13764	25323
1392.....	26157	19444	6714	18331
1393.....	53034	44882	8152	38575
1394.....	24342	8433	15909	26894
1395.....	13887	7069	6864	22344
East Azarbayejan.....	148	22	126	290
West Azarbayejan.....	342	100	242	33
Ardebil.....	40	40	0	292
Esfahan.....	210	210	0	112
Alborz.....	23	23	0	0
Ilam.....	1500	1500	0	6000
Bushehr.....	100	100	0	183
Tehran.....	0	0	0	96
Chaharmahal & Bakhtiari.....	2257	2222	35	144
South Khorasan.....	0	0	0	197
Khorasan-e-Razavi.....	140	140	0	889
North Khorasan.....	115	115	0	157
Khuzestan.....	0	0	0	255
Zanjan.....	0	0	0	183
Semnan.....	5	5	0	748
Sistan & Baluchestan.....	890	140	750	460
Fars.....	454	97	357	206
Qazvin.....	106	40	66	44
Qom.....	0	0	0	0
Kordestan.....	0	0	0	700
Kerman.....	0	40	0	145
Kermanshah.....	145	25	120	205
Kohgiluyeh & Boyerahmad.....	749	749	0	126
Golestan.....	1081	356	725	2820
Gilan.....	2002	445	1557	1750
Lorestan.....	507	197	310	175
Mazandaran.....	2594	127	2467	4614
Markazi.....	63	25	38	500
Hormozgan.....	359	345	14	250
Hamedan.....	57	0	57	250
Yazd.....	0	6	0	520

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 north) and recultivation and enrichment of Iran-Turani area and preservation of the North, Arasbaran, Zagros and South areas.

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

Source: Forests, Range and Watershed Management Organization.

5.2. CATCHES OF VARIOUS AQUATICS**For data see Table 5.33.**

5.32. WATERSHED MANAGEMENT ACTIVITIES ⁽¹⁾

(ha)

Title	The year 1380	The year 1385	The year 1390	The year 1391
National	410422	3152126	1299966	179430
Watershed management in existing dams catchments	54156	179329	106686	7333
Project development ⁽³⁾	131819	2337885	184542	21053
Watershed management in catchments of dams under constrction	66071	56829	55770	11521
Project development.....	74360	93262	116268	27814
Watershed management in Karkheh dam catchments	8229 ⁽²⁾	34918	18279	3186
Project development	11022	87472	45189	10752
Watershed management in the Grate Karun catchments	0	0	18074	1158
Project development	0	0	37885	16700
Watershed management in Sefidrud dam catchments	24085	134399	19741	1645
Project development.....	40680	78369	36893	9159
Watershed management in Atrak catchments.	0	0	15555	855
Project development.....	0	0	17662	6411
Watershed management in Golestan flood control catchments (watershed management share)	0	47463	36189	1907
Project development.....	0	55950	101450	13679
Study and operation of watershed management in catchments lacking dams	0	35000	28549	4006
Project development.....	0	11250	411802	33206
Study and operation of watershed management in Orumie Lake catchments	0	0	16609	377
Project development.....	0	0	9490	7702
Study and operation of watershed management in central desert margin catchments.....	0	0	5223	966
Project development.....	0	0	18110	0
Study and operation of watershed management in South Khorason Siah Kouh catchments	0	0	0	0
Project development.....	0	0	0	0
Ostani(provincial)	350958	1318824	946697	263252
Land use improvements plan	50449	104004	168462	5417
Project development.....	57710	32940	13678	0
Flood control prevention plan	58454	155952	36909	21705
Project development.....	63758	156883	102394	21655
Watershed management in municipal areas catchments	32774	10363	33829	6736
Project development.....	25200	12478	52006	4000
Watershed management in border line catchments	4966	25465	35015	8727
Project development.....	7526	16765	5320	13500
Watershed management in other provincial catchments.....	20951	2259	0	0
Project development.....	29170	7400	0	0
Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project)	0	496297	182619	84054
Project development.....	0	298018	316465	97458

5.32. WATERSHED MANAGEMENT ACTIVITIES ⁽¹⁾ (countinue) (ha)

Title	The year 1392	The year 1393	The year 1394	The year 1395
National	487329	578953	405566	402702
Watershed management in existing dams catchments	44889	31479	14347	11264
Project development ⁽³⁾	85644	70235	61257	95814
Watershed management in catchments of dams under constrction	63623	30736	31244	9037
Project development.....	3929	116403	70840	74784
Watershed management in Karkheh dam catchments	24413	2730	704	2949
Project development	6425	16879	3531	1070
Watershed management in the Grate Karun catchments	7733	5200	4700	4322
Project development	9443	4895	1998	4988
Watershed management in Sefidrud dam catchments	38278	3881	2806	9219
Project development.....	2361	23528	6	0
Watershed management in Atrak catchments.	0	1141	950	11050
Project development.....	9789	18088	675	5250
Watershed management in Golestan flood control catchments (watershed management share)	0	4464	3052	3400
Project development.....	41132	8638	27561	38400
Study and operation of watershed management in catchments lacking dams	15942	42180	55958	24159
Project development.....	3883	105760	83539	108093
Study and operation of watershed management in Orumie Lake catchments	0	3390	5352	731
Project development.....	86299	18153	5575	0
Study and operation of watershed management in central desert margin catchments.....	34324	4233	5171	4617
Project development.....	9222	65825	25800	3500
Study and operation of watershed management in South Khorason Siah Kouh catchments	0	1115	499	0
Project development.....	0	0	0	0
Ostani(provincial)	181463	461936	316919	471358
Land use improvements plan	3801	28029	45058	28455
Project development.....	67	0	0	18000
Flood control prevention plan	25527	86968	48897	29863
Project development.....	48544	0	63257	30500
Watershed management in municipal areas catchments	2756	5606	3463	6845
Project development.....	0	0	2035	0
Watershed management in border line catchments	426	11550	3388	4292
Project development.....	0	0	1800	0
Watershed management in other provincial catchments	55812	482	8402	8933
Project development.....	38580	0	0	0
Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project)	5950	73513	52240	130157
Project development.....	0	255788	88379	214313

1. Zero means lack of any activity or non-existence of the project in that year

2. The performance of watershed management in Karun dam catchments in the year 1380 was included in Karkheh watershed management dam.

3. Project development means justifying, detailed and fesiblity study of the region's considered project execution.

Source: Forests, Range and Watershed Management Organization.

5.33. CATCHES OF VARIOUS AQUATICS BY OSTAN**(ton)**

Year	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
1391.....	500015	40314	24086	16160	68
1392.....	514081	40423	23221	17146	56
1393.....	575512	39647	22873	16733	41
1394.....	582349	32617	21553	11028	36
1395.....	634198	33396	22429	10944	23
Bushehr.....	60998	0	0	0	0
Khuzestan.....	47788	0	0	0	0
Sistan & Baluchestan.....	250044	0	0	0	0
Golestan.....	751	751	0	742	9
Gilan.....	13288	13288	6626	6657	5
Mazandaran.....	19357	19357	15803	3545	9
Hormozgan.....	241972	0	0	0	0

Year	Catches in south waters				
	Total	Small pelagics	Large pelagics	Demersals	Sea shrimps
1380.....	262805	30805	115000	110060	6940
1385.....	374447	26311	225374	116811	5951
1390.....	411897	50161	207438	147437	6861
1391.....	459701	44916	235830	170007	8948
1392.....	473658	54391	239593	170885	8789
1393.....	535865	71210	279301	176787	8567
1394.....	549732	76212	270977	194202	8341
1395.....	600802	78507	274533	238342	9420
Bushehr.....	60998	1877	30413	27505	1203
Khuzestan.....	47788	5724	7223	31219	3622
Sistan & Baluchestan.....	250044	3408	159673	85620	1343
Golestan.....	0	0	0	0	0
Gilan.....	0	0	0	0	0
Mazandaran.....	0	0	0	0	0
Hormozgan.....	241972	67498	77224	93998	3252

Source: Fisheries of Iran.

5.34. AQUACULTURE PRODUCTION BY OSTAN

(ton)

Description	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
1391.....	338877	×	154565	131000	456	10152	61	280	42363
1392.....	370876	×	167883	143917	564	12698	263	200	45551
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
East Azarbayejan.....	5098	141	230	3578	7	0	0	0	1142
West Azarbayejan.....	14319	0	969	7500	0	0	1	55	5795
Ardebil.....	8511	17	945	3168	0	0	0	0	4381
Esfahan.....	6576	20	935	4825	6	0	0	0	790
Alborz.....	2410	0	90	1920	0	0	0	0	400
Ilam.....	7325	160	570	1893	0	0	1	0	4701
Bushehr ⁽²⁾	11217	2200	5	0	0	9012	0	0	0
Tehran.....	5719	0	590	4706	3	0	0	0	420
South of Kerman (Jiroft and Kahnuj).....	1924	10	1396	291	0	0	0	0	227
Chaharmahal& Bakhtiyari.....	23490	707	0	22639	0	0	0	0	144
South Khorasan.....	1266	0	650	400	0	0	0	0	216
Khorasan-e-Razavi.....	9355	0	1463	7428	1	0	0	0	463
North Khorasan.....	1598	0	251	1347	0	0	0	0	0
Khuzestan.....	75919	0	63160	885	120	724	0	0	11030
Zanjan.....	13693	55	66	11460	0	0	0	3	2109
Semnan.....	927	0	341	586	0	0	0	0	0
Sistan (Zabol).....	12702	0	1160	51	0	0	0	0	12061
Sistan & Baluchestan (Chabahar).....	570	0	0	0	0	570	0	0	0
Fars.....	9653	0	859	8535	55	0	0	0.4	204
Qazvin.....	3289	0	344	2564	21	0	0	0	360
Qom.....	1258	0	765	480	13	0	0	0.4	0
Kordestan.....	9543	90	26	3210	0	0	0	0	6217
Kerman ⁽¹⁾	2059	0	1026	1015	18	0	0	0	0
Kermanshah.....	16148	200	3300	11225	20	0	10	0	1393
Kohgiluyeh & Boyerahmad.....	14750	0	50	14700	0	0	0	0	0
Golestan ⁽²⁾	20948	202	17462	650	0	1124	0	0	1510
Gilan ⁽²⁾	51939	1000	43343	4297	302	0	0	0	2995
Lorestan.....	27178	1050	1360	21460	0	0	0	0	3308
Mazandaran ⁽²⁾	76703	1500	58145	15427	1500	0	0	0	131
Markazi.....	3169	10	75	2927	55	0	0	0	102
Hormozgan ⁽²⁾	13148	2800	30	0	0	9901	0	0	417
Hamedan.....	5371	0	911	3585	0	0	0	0	875
Yazd.....	1178	0	580	573	25	0	0	0	0

1. Excluding Jieroft and Kahnouj.

2. In the year 1395, production of cage aquaculture was 1000 tons in Gilan Ostan, 1500 tons in Mazandaran Ostan, 2800 tons in Hormozgan Ostan, 2200 tons in Bushehr Ostan and 200 tons in Golestan Ostan which were included in the total of these Ostans

Source: Fisheries of Iran.

5.35. PRODUCTION OF CAVIAR AND MEAT FROM STURGEON FISHES (ton)

Year	Caviar				Meat			
	Total	Beluga	Asetra	Sevruga	Total	Beluga	Asetra	Sevruga
1380 ⁽¹⁾	88	3	64	21	870	95	620	155
1385	31	5	24	3	330	74	223	33
1390.....	6	2	3	1	80	25	47	8
1391.....	4	1	3	//	68	19	43	6
1392.....	4	2	2	//	56	20	32	4
1393.....	3	1	2	//	41	15	23	3
1394.....	2	1	1	0	36	13	21	2
1395.....	1	//	1	//	23	5	16	2

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

Source: Fisheries of Iran.

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

Year	Total	Kutum	Sturgeon	Carps	Salmon	Trout	Bream	Perch	Other
1380	481271	232018	19970	90478	363	94333	15538	7412	21159
1385	687881	174300	13800	144650	611	315500	19300	12890	6830
1390.....	911101	272681	4854	176000	437	350000	18780	15028	73321
1391.....	1177650	249596	4522	278502	850	560177	17702	16134	50167
1392.....	1038525	200957	2313	242013	850	548826	8449	598	34519
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

Source: Fisheries of Iran.

5.37. FISHING VESSELS AT THE END OF THE YEAR 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
1391.....	11586	8324	3208	54
1392.....	11568	8288	3229	51
1393.....	11498	8210	3238	50
1394.....	11369	8099	3198	72
1395.....	11359	8080	3189	90
Bushehr	2074	1486	567	21
Khuzestan	1695	1084	611	0
Sistan & Baluchestan	2326	1399	927	0
Golestan	241	241	0	0
Gilan	348	320	28	0
Mazandaran	340	296	44	0
Hormozgan	4335	3254	1012	69

Source: Fisheries of Iran.

5.38. NUMBER OF EMPLOYED PERSONS WORKING IN FISHERIES (CATCHING) (person)

Ostan	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394	The year 1395
Total.....	124248	146724	143629	143773	142943	140185	141136	141011
Bushehr	000	45287	40860	40409	40402	39299	39275	39375
Khuzestan.....	000	40150	37871	37871	37661	36901	36901	37320
Sistan & Baluchestan	000	21238	24212	24424	24512	24480	24176	24128
Golestan.....	000	1694	1685	1685	1591	1528	1816	1816
Gilan.....	000	6845	6223	5645	5705	5262	5614	4352
Mazandaran.....	000	4691	4554	4529	4492	4494	4461	4494
Hormozgan.....	000	26819	28224	29210	28580	28221	28893	29526

Source: Fisheries of Iran.

5.39. NUMBER OF WORKERS IN FISHERIES SECTOR (AQUACULTURE), THE YEAR 1395
 (person)

Description	Workers
Total	82428
East Azarbayejan	913
West Azarbayejan	1420
Ardebil	645
Esfahan.....	3744
Alborz	885
Ilam	1321
Bushehr	4511
Tehran	2052
South of Kerman (Jieroft and Kahnouj).....	2397
Chaharmahal & Bakhtiyari	675
South Khorasan.....	165
Khorasan-e-Razavi.....	389
North Khorasan.....	17882
Khuzestan.....	2028
Zanjan	126
Semnan.....	285
Sistan (Zabol).....	6021
Sistan & Baluchestan (Chabahar)	738
Fars	1390
Qazvin.....	257
Qom	1121
Kordestan	987
Kerman ⁽¹⁾	224
Kermanshah	2762
Kohgiluyeh & Boyerahmad	1755
Golestan	2498
Gilan	6623
Lorestan	4015
Mazandaran.....	7517
Markazi	948
Hormozgan.....	4995
Hamedan	933
Yazd.....	205

1.Excluding Jieroft and Kahnouj.

Source: Fisheries of Iran.

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

Description	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394
<i>(At current prices)</i>					
Output	710812	1076909	1636414	1920619	2066294
Temporary crops and permanent crops cultivation	382235	562867	955469	1136229	1246998
Livestock farming, poultry farming, sericulture, apiculture and hunting	291558	454481	595284	671990	693033
Forestry	8303	8050	11388	15164	15387
Fishing	28716	51510	74272	97236	110877
Intermediate consumption.....	328830	497315	728335	833673	887655
Temporary crops and permanent crops cultivation	116959	172154	290698	337803	368225
Livestock farming, poultry farming, sericulture, apiculture and hunting	198265	303981	406631	455062	473526
Forestry	2841	1582	2764	3869	3837
Fishing	10765	19598	28243	36940	42068
Value added	381983	579594	908078	1086946	1178640
Temporary crops and permanent crops cultivation	265276	390713	664771	798426	878774
Livestock farming, poultry farming, sericulture, apiculture and hunting	93294	150500	188653	216928	219507
Forestry	5461	6468	8625	11295	11550
Fishing	17951	31913	46029	60296	68810
<i>(At 1390 constant prices)</i>					
Value added	381983	379477	391900	414833	428002
Temporary crops and permanent crops cultivation	265276	262064	275082	296091	303962
Livestock farming, poultry farming, sericulture, apiculture and hunting	93294	91574	94751	96776	101189
Forestry	5461	5117	4357	4366	4038
Fishing	17951	20722	17710	17601	18813

Source: Statistical Centre of Iran.