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Introduction

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

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

The SCI conducted the first National Census of Agriculture in the year 1367 in urban and rural areas by visiting settled and unsettled households to collect data on all agricultural holdings of natural persons as well as data on holdings 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 Agriculture-Jahad. In this census, in order to identify the agricultural holders, all areas of the country, excluding 108 cities, were listed as the selected cities.

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

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

The 1393 National Census of Agriculture was the

fourth one which was conducted 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 Agriculture-Jahad, the results of which were disseminated.

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

For the first time, in the years 1364 and 1365, the SCI took the survey of chicken farms. Due to the variety of chicken farming activities in recent years, the SCI has taken separate sample surveys to collect data on different activities such as on raising layer chicken and pullet, on raising breeder chicken, on egg incubation, and a sample survey on broiler chicken raising.

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

the SCI as of the year 1380. However, since the year 1390, Iran's National Accounts have been compiled by SCI based on the 2008 SNA.

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

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

Statistical information included in this Chapter contain statistics on temporary and 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 National Census of Agriculture conducted in the year 1393, 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 (cattle and calves, buffaloes and camels and calves) which have had at least one large livestock on enumeration day.

Raising of small livestock: holdings raising small livestock (sheep and goats) which have had at least two small livestock on enumeration day.

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

Greenhouse planting: holdings having activity in this field in every size on enumeration day.

Apiculture: holdings having activity in bee keeping in every size on enumeration day.

Sericulture and pisciculture: holdings with the activity in silk worms cultivation or fish farming in inland waters in every size during the past 365 days⁽¹⁾.

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 a crop year which has been cultivated in the same year or the year before.

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

Temporary crops: 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 till next years. 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

1. The past 365 days in this census means past 364 days plus the day of enumeration.

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 and also 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 allowance, 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 lands: All parts of the river basin where running water resulted from precipitation leads to that river.

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 1396, total volume of the aquatics caught from the northern and southern waters was more than 724 thousand tons and amount of produced aquatics was 477 thousand tons. Totally, about 1201 thousand tons of aquatics were produced, out of which about 33 thousand tons were from the northern waters and about 691 thousand tons from the southern waters.

In the National Census of Agriculture conducted in the year 1393, 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 hectares.

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.

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

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

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

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

Ostan	Total		Private setteled household		Unsetteled holder	
	Listed	Enumerated	Listed	Enumerated	Listed	Enumerated
Total country	4042811	4032467	3072521	3064102	945185	943260
East Azarbayejan	237196	236537	202048	201443	34791	34737
West Azarbayejan.....	200502	200038	156172	155807	44024	43925
Ardebil	112497	112401	86653	86565	25447	25439
Esfahan	172358	171711	131347	130757	40351	40294
Alborz	30281	30058	15316	15170	14747	14670
Ilam.....	53552	53529	33590	33579	19499	19487
Bushehr.....	39956	39803	28198	28052	11153	11146
Tehran.....	53097	52677	29726	29392	22908	22822
Chaharmahal & Bakhtiyari.....	66340	66002	57959	57670	7806	7757
South Khorasan.....	82845	82667	60033	59887	22578	22546
Khorasan-e-Razavi	338834	338089	270327	269640	67321	67263
North 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	Greenhouse cultivation	Raising of large livestock	Raising of small livestock
Total country.....	2482380	1943203	13781	709105	1164159
East Azarbayejan	165395	127353	193	62060	66155
West Azarbayejan.....	142969	93199	78	63370	51696
Ardebil.....	86813	44388	36	32702	27374
Esfahan	103891	93283	1805	23914	36518
Alborz.....	5780	24817	375	1817	2540
Ilam.....	44669	9442	8	7236	15673
Bushehr.....	19794	17854	157	3380	12657
Tehran.....	18196	34163	1747	3936	6870
Chaharmahal & Bakhtiyari ..	44344	28794	40	13205	17540
South Khorasan.....	42127	44588	184	8907	49777
Khorasan-e-Razavi	214998	127715	674	36215	140426
North Khorasan.....	56416	37893	81	12886	38625
Khuzestan.....	111200	42969	138	52700	51439
Zanjan	56961	49359	87	19246	25246
Semnan	22529	27742	219	3699	15403
Sistan & Baluchestan.....	68732	67065	543	24621	124989
Fars	123612	100957	247	18849	65992
Qazvin.....	37812	55401	82	13788	14059
Qom.....	3418	6840	100	2097	3152
Kordestan.....	88316	51775	44	28933	31055
Kerman	86817	176943	1954	32812	81710
Kermanshah	102982	27786	75	18890	29319
Kohgiluyeh & Boyerahmad..	51571	26868	77	8467	20891
Golestan.....	88825	36563	61	31068	30878
Gilan.....	219012	175100	385	73877	11296
Lorestan	116951	32291	125	24577	36147
Mazandaran	189699	182786	1494	34606	29913
Markazi.....	45286	50653	532	16765	24474
Hormozgan	14251	27454	149	11933	46554
Hamedan.....	82412	59206	120	19912	36680
Yazd.....	26601	61959	1973	2641	19116

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

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

Source: Statistical Center of Iran

5.3. NUMBER OF HOLDINGS AND AREA OF LAND ON HOLDINGS WITH CROPLAND BY SIZE OF AGRICULTURAL LANDS, THE YEAR 1393 (holding -ha)

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

Source: Statistical Center of Iran.

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

(holding-ha)

Ostan	Total					
	Number of holdings			Area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total.....	3359409	2668979	1291737	16476609	7619219	8857390
East Azarbayejan	212926	165395	110713	1198697	300124	898573
West Azarbayejan	174523	141808	74686	821728	350365	471364
Ardebil	94976	60394	60898	702020	216432	485588
Esfahan.....	148472	146874	10274	382467	329740	52727
Alborz	27531	27412	363	50227	48400	1827
Ilam.....	46315	16093	38358	264619	75707	188912
Bushehr	30998	18317	15394	308478	76183	232295
Tehran.....	46069	45708	1782	182120	173176	8944
Chaharmahal & Bakhtiari	56691	44059	29690	182112	98193	83919
South Khorasan.....	60066	57992	9358	189739	157702	32036
Khorasan-e-Razavi.....	266853	230592	78274	1460111	802342	657769
North 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 AND AREA OF HOLDINGS WITH CROPLAND DISAGGRIGATED BY IRRIGATION AND RAINFED CULTIVATION AND BY OSTAN, THE YEAR 1393
(continued)

(holding-ha)

Ostan	Arable land					
	Number of holdings			Area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	2470140	1687204	1173376	14687053	5996635	8690419
East Azarbayejan	162897	89420	109864	1102905	207458	895447
West Azarbayejan	139546	95191	71687	716924	252791	464133
Ardebil	86655	43423	60744	670871	185652	485218
Esfahan.....	103713	100756	10067	311430	259842	51588
Alborz	5634	5444	333	35569	33755	1814
Ilam	44647	12217	38305	259695	70905	188790
Bushehr	19791	6579	14379	284843	54628	230215
Tehran	18145	17349	1724	148887	140001	8886
Chaharmahal & Bakhtiyari	44327	28504	29562	156505	72847	83659
South Khorasan.....	41940	37376	8300	154596	124862	29733
Khorasan-e-Razavi.....	214715	172742	72980	1332525	701209	631316
North 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 AND AREA OF HOLDINGS WITH CROPLAND DISAGGRIGATED BY IRRIGATION AND RAINFED CULTIVATION AND BY OSTAN, THE YEAR 1393, (continued) (holding-ha)

Ostan	Orchard and nurseries					
	Number of holdings			Area		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country.....	1704193	1550539	177084	1789555	1622584	166971
East Azarbayejan.....	115519	114227	2294	95792	92666	3126
West Azarbayejan.....	84805	81005	6215	104804	97573	7231
Ardebil.....	29042	28488	574	31149	30780	370
Esfahan.....	86341	86053	510	71037	69899	1138
Alborz.....	24631	24604	31	14658	14645	12
Ilam.....	5294	5175	127	4924	4802	122
Bushehr.....	16069	13347	2759	23635	21555	2080
Tehran.....	33531	33498	60	33233	33175	58
Chaharmahal & Bakhtiari.....	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 OSPAN, 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 & Bakhtiyari ...	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 Khorasan.....	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 & Boyer-Ahmad	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. NUMBER OF HOLDINGS, AREA AND TYPE OF GREENHOUSE ACTIVITY 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 1396 (continued) (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	619667	4879363	3569304	1310058	801935	40029687	32263895	7765791
East Azarbayejan	56454	372587	282142	90445	54598	3084222	2398210	686011
West Azarbayejan.....	52233	317479	229013	88466	48009	3735008	2911043	823965
Ardebil	29297	260046	194217	65829	23969	1684676	1324366	360310
Esfahan.....	17880	341308	296824	44484	25570	1220874	1007101	213773
Alborz	1441	82141	59793	22348	2305	287223	209161	78063
Ilam.....	6210	36771	30481	6289	10595	673339	606827	66512
Bushehr	2444	17951	12461	5489	3107	171392	147634	23758
Tehran	3885	336774	205483	131291	4931	778214	610390	167823
Chaharmahal & Bakhtiyari	12510	60342	50133	10209	11724	857557	734448	123108
South Khorasan.....	6859	25788	19124	6663	37660	652758	519125	133633
Khorasan-e-Razavi.....	34412	259728	207862	51866	111971	4516783	3879515	637268
North horasan.....	11083	44633	34473	10160	33554	1644837	1356930	287908
Khuzestan.....	46863	315485	251356	64128	30494	2630698	2254538	376160
Zanjan	17349	95391	72066	23325	21654	876855	690483	186372
Semnan.....	2799	56930	39213	17717	11322	1344947	1116210	228737
Sistan & Baluchestan .	24582	112381	68167	44214	61701	1341158	1031027	310131
Fars	14968	186451	129305	57146	32874	1890174	1494779	395395
Qazvin.....	12458	193765	102458	91307	12750	834232	631597	202635
Qom	1836	76550	15377	61173	2699	262334	172056	90278
Kordestan.....	27560	115759	88144	27615	25704	1077591	861632	215959
Kerman.....	29166	126912	97665	29247	48732	1641253	1289855	351398
Kermanshah	7265	23840	19461	4378	9672	348838	318077	30762
Kohgiluyeh & Boyerahmad	15476	78108	60462	17646	21722	1156298	931739	224559
Golestan	23611	140698	122712	17986	22580	1179551	1020292	159260
Gilan	60875	342400	275506	66894	11728	618348	472123	146225
Lorestan	21474	108368	85976	22392	24136	1708059	1467269	240790
Mazandaran.....	33023	399626	309978	89648	26032	1178677	948152	230525
Markazi	15520	170173	73699	96474	19242	1235294	833274	402020
Hormozgan.....	10315	28557	19135	9422	10213	173577	141977	31599
Hamedan	17097	74522	52210	22312	29816	951523	676992	274531
Yazd	2722	77900	64406	13494	10872	273398	207075	66323

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

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

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

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

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

Source: Statistical Center of Iran.

5.8. 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
1396⁽¹⁾	801935	40029687	712962	15711084	619667	4879363
East Azarbayejan	54598	3084222	37580	524601	56454	372587
West Azarbayejan	48009	3735008	32844	399363	52233	317479
Ardebil	23969	1684676	17432	318881	29297	260046
Esfahan	25570	1220874	18525	504978	17880	341308
Alborz	2305	287223	1642	43379	1441	82141
Ilam	10595	673339	10284	269433	6210	36771
Bushehr	3107	171392	9688	305124	2444	17951
Tehran	4931	778214	3807	125782	3885	336774
Chaharmahal & Bakhtiyari	11724	857557	10404	308131	12510	60342
South Khorasan	37660	652758	41441	739232	6859	25788
Khorasan-e-Razavi	111971	4516783	81216	721683	34412	259728
North Khorasan	33554	1644837	20314	211303	11083	44633
Khuzestan	30494	2630698	32747	1218860	46863	315485
Zanjan	21654	876855	16619	187714	17349	95391
Semnan	11322	1344947	8356	357763	2799	56930
Sistan & Baluchestan	61701	1341158	94170	1891389	24582	112381
Fars	32874	1890174	47361	2419065	14968	186451
Qazvin	12750	834232	4463	99334	12458	193765
Qom	2699	262334	1586	46458	1836	76550
Kordestan	25704	1077591	18940	224253	27560	115759
Kerman	48732	1641253	61670	1837140	29166	126912
Kermanshah	9672	348838	19633	913257	7265	23840
Kohgiluyeh & Boyerahmad	21722	1156298	15304	191800	15476	78108
Golestan	22580	1179551	7561	210547	23611	140698
Gilan	11728	618348	4765	78881	60875	342400
Lorestan	24136	1708059	19393	375159	21474	108368
Mazandaran	26032	1178677	4525	79299	33023	399626
Markazi	19242	1235294	11075	168848	15520	170173
Hormozgan	10213	173577	37382	632898	10315	28557
Hamedan	29816	951523	11133	87651	17097	74522
Yazd	10872	273398	11103	218876	2722	77900

1. The livestock survey was conducted in the months of Tir and Mordad of the year 1396.

Source: Statistical Center of Iran.

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

Year and Ostan	Total milk production	Sheep			Goat		
		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
1396	7572825	474615	12846569	449718	528379	6080868	311625
East Azarbayejan	486556	51635	1469897	78915	34489	276273	24468
West Azarbayejan	398939	44908	1670043	60389	29565	194543	13184
Ardebil	301627	21293	809924	32933	16109	188511	13138
Esfahan	974538	5279	105767	6832	12639	192352	8949
Alborz	227718	1663	115568	4120	1343	17595	1451
Ilam	53767	4427	197826	8677	6438	127159	7168
Bushehr	15436	847	29954	1659	4118	79093	5529
Tehran	946595	2633	203679	15002	2585	54720	3720
Chaharmahal & Bakhtiyari	138766	3427	159952	2832	7965	211735	8833
South Khorasan	79225	23939	226598	5136	35313	311608	13350
Khorasan-e-Razavi	854890	88689	2451842	47474	65065	378703	13010
North Khorasan	87544	26372	626497	15271	13659	82872	2751
Khuzestan	234737	7988	216861	11826	19477	484248	28002
Zanjan	142244	19409	337782	22556	14646	89552	8217
Semnan	138311	4600	475725	7898	4524	134412	4795
Sistan & Baluchestan	80279	21620	216000	10953	53882	327199	19949
Fars	451778	16440	496697	14502	37588	923164	35794
Qazvin	307610	2037	65644	3540	2263	19945	1848
Qom	64446	624	18993	1063	687	9544	808
Kordestan	129093	22450	423062	15131	16767	115723	8442
Kerman	162374	34807	625564	20060	52611	639704	30285
Kermanshah	65035	2159	39213	1296	19138	514535	27061
Kohgiluyeh & Boyerahmad	127317	18589	562949	16080	13752	104226	5505
Golestan	133064	6026	279673	5915	2879	61000	1660
Gilan	84692	9486	236490	9503	4061	26988	1189
Lorestan	120112	7705	215739	6446	15117	181161	6280
Mazandaran	251632	14499	401212	15395	2953	32214	1686
Markazi	146911	1804	38067	2259	4080	33596	2132
Hormozgan	22978	1460	13338	353	16195	120364	2996
Hamedan	136500	6348	74895	4628	8304	33498	1939
Yazd	208112	1450	41121	1072	10169	114630	7487

5.9. HOLDINGS WITH LIVESTOCK MILKED, BY NUMBER OF LIVESTOCK, AND MILK PRODUCTION OF EACH TYPE OF LIVESTOCK AND OSTAN (continued)

(holding-head; ton)

Year and Ostan	Cattle		
	Number of holdings	Number of cattle milked	Milk production
1384.....	1187672	2719058	6294476
1387.....	1010879	2420143	5965728
1390.....	902613	2199657	5935994
1393.....	561952	1688666	5704513
1396.....	556673	1860182	6811482
East Azarbayejan.....	52306	158663	383174
West Azarbayejan	49475	122237	325366
Ardebil	28144	97876	255556
Esfahan.....	16529	155374	958757
Alborz.....	1100	30636	222147
Ilam	5819	21165	37922
Bushehr	1992	5272	8247
Tehran	2495	110169	927873
Chaharmahal & Bakhtiyari	11366	26086	127101
South Khorasan	6385	12524	60739
Khorasan-e-Razavi.....	32519	133407	794405
North Khorasan	11086	20610	69522
Khuzestan.....	44277	116500	194908
Zanjan.....	15118	36735	111471
Semnan.....	2251	20951	125617
Sistan & Baluchestan	14964	30705	49377
Fars.....	13956	81997	401482
Qazvin	9943	51013	302222
Qom.....	959	9375	62575
Kordestan	27611	57974	105519
Kerman.....	26220	49555	112029
Kermanshah	7101	11563	36679
Kohgiluyeh & Boyerahmad	14534	38213	105732
Golestan	19063	53227	125489
Gilan.....	48090	114925	73999
Lorestan.....	20812	52040	107386
Mazandaran.....	31059	129790	234551
Markazi	13651	33568	142521
Hormozgan.....	7626	10496	19629
Hamedan	17504	33960	129933
Yazd	2716	33576	199554

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

Source: Statistical Centre of Iran.

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

Year and Ostan	Sheep wool			Goat hair and soft wool		
	Number of holdings	Number of shorn livestock	Wool production	Number of holdings	Number of hair and soft wool clipped livestock	Hair and soft wool production
1384	1085395	40361587	52454715	249420	5988723	2905312
1387	974221	34801936	38114067	244895	779182	344596
1390	1131476	38024926	42430090	226036	4013614	2085613
1393	795185	32125592	35283133	214559	4082771	1903918
1396	735101	31682044	31921272	199670	3833116	1932471
East Azarbayejan	53134	2339576	3075913	1652	28528	39730
West Azarbayejan	47421	3237865	4260830	13710	124357	84908
Ardebil	24113	1617715	1671414	278	3564	1524
Esfahan	24184	976907	655527	1556	33261	13481
Alborz	2107	213975	174366	68	1612	978
Ilam	10074	590494	839755	3063	117398	67764
Bushehr	2550	150175	129699	1381	44326	22230
Tehran	4714	691641	479011	2017	91005	53874
Chaharmahal & Bakhtiari	11716	802645	664392	2817	81786	24921
South Khorasan	33143	456816	315636	29200	337195	120558
Khorasan-e-Razavi	104492	3882248	3891006	9258	84304	42130
North Khorasan	34292	1299602	1190291	1568	8202	3280
Khuzestan	28429	1925534	2685365	8157	335861	279482
Zanjan	21455	622212	570216	2637	16717	9978
Semnan	9462	959690	552246	1384	40613	13424
Sistan & Baluchestan	40472	655801	585358	30331	456265	343121
Fars	28089	1396562	1250730	5659	183550	92277
Qazvin	11824	611841	560591	1190	34297	27542
Qom	1377	125460	148978	18	72	88
Kordestan	24937	769915	645661	7169	61632	30256
Kerman	46698	1262121	587449	37450	901171	289826
Kermanshah	8790	319719	264516	10029	399411	165939
Kohgiluyeh & Boyerahmad	21286	1037579	1092018	4831	50113	30825
Golestan	20143	1041819	677503	3792	72715	26671
Gilan	10953	507292	397294	3098	55851	23120
Lorestan	20999	1142852	2213570	3718	41680	25338
Mazandaran	24509	1090890	871174	2143	39735	23170
Markazi	18461	951782	768176	2667	35693	24800
Hormozgan	5955	101634	57633	7696	137863	46326
Hamedan	30922	720855	530319	135	715	342
Yazd	8403	178827	114635	996	13625	4568

Source: Statistical Center of Iran.

5.11. 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 ⁽¹⁾
1396	1694334	11623634⁽²⁾
East Azarbayejan	116573	868747
West Azarbayejan	85514	1254195
Ardebil	29324	220465
Esfahan	83533	302448
Alborz	24423	237012
Ilam	5494	18378
Bushehr	16161	109384
Tehran	33855	361991
Chaharmahal & Bakhtiari	27033	66696
South Khorasan	40136	51063
Khorasan-e-Razavi	120268	448088
North Khorasan	34442	107909
Khuzestan	26710	254909
Zanjan	45692	340428
Semnan	25852	104556
Sistan & Baluchestan	58604	424611
Fars	89119	1011728
Qazvin	52441	380101
Qom	6945	17697
Kordestan	46404	91735
Kerman	173983	1536144
Kermanshah	24997	79093
Kohgiluyeh & Boyer-Ahmad	20908	101473
Golestan	15006	112029
Gilan	103310	312250
Lorestan	27572	128533
Mazandaran	172566	1803298
Markazi	48447	409898
Hormozgan	24132	127463
Hamedan	53772	183332
Yazd	61117	157980

1) The data is for the year 1393.

2) the actual data for the year 1395 was 11095139 tons, and with respect to the implementation of the survey in summer of the year 1396, the data on production for products such as cherrier, sour cherrier, plums, greengages, ... and also for fruits like oranges, tangerine, etc. is the predicted production.

Source: Statistical Center 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
1396.....	1648727	1853323	1072958	1294118	740784	559205
East Azarbayejan.....	115221	99241	64643	56199	62061	43043
West Azarbayejan.....	84619	106313	61748	64640	37215	41672
Ardebil.....	25904	32214	17833	22637	11089	9577
Esfahan.....	82696	71081	46820	47999	45989	23081
Alborz.....	22870	15402	4184	5354	19781	10048
Ilam.....	5462	5172	2092	2962	3426	2210
Bushehr.....	14157	24064	13624	22631	631	1433
Tehran.....	33771	34060	6508	11142	28119	22918
Chaharmahal & Bakhtiari.....	27015	26064	16252	13062	15105	13002
South Khorasan.....	40136	36596	30119	30426	13061	6170
Khorasan-e-Razavi.....	119630	134135	78690	107054	51389	27081
North Khorasan.....	34015	28093	26430	20163	15306	7929
Khuzestan.....	25361	39530	20944	34481	5000	5050
Zanjan.....	44847	48322	27944	20529	28163	27793
Semnan.....	25852	36396	10195	22828	16384	13569
Sistan & Baluchestan.....	52076	60281	34648	42868	20025	17412
Fars.....	88618	166112	63364	120914	32456	45199
Qazvin.....	51481	56664	34629	32027	22890	24637
Qom.....	6928	9900	2766	6778	4557	3122
Kordestan.....	45573	29316	33082	13297	33941	16019
Kerman.....	172719	362459	130627	306643	47743	55816
Kermanshah.....	24837	19075	8209	4065	18132	15010
Kohgiluyeh & Boyerahmad.....	20344	20759	10373	10260	12790	10499
Golestan.....	13717	20225	6188	12399	8192	7825
Gilan.....	97234	61936	77075	49136	26731	12799
Lorestan.....	27120	24887	15383	12185	13992	12703
Mazandaran.....	164156	94516	95930	57257	78066	37259
Markazi.....	47979	46963	37732	36848	15673	10115
Hormozgan.....	19848	35331	13366	22402	8300	12929
Hamedan.....	53468	31443	44749	20979	16233	10464
Yazd.....	61072	76775	36810	63953	28342	12821

1. Considering 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	-
1390	17192	13878	3314	245616	123352
1391	18097	14356	3741	265467	154369
1394	18093	12573	5520	274299	199062
1396	20520	15447	5073	412525	-
East Azarbaveian	890	673	217	13955	-
West Azarbaveian	615	529	86	14123	-
Ardebil	305	248	57	5821	-
Esfahan	1922	1261	661	39938	-
Alborz	202	99	103	3825	-
Ilam	354	263	91	6274	-
Bushehr	206	163	43	6439	-
Tehran	239	107	132	8380	-
Chaharmahal & Bakhtivari	186	162	24	4019	-
South Khorasan	824	581	243	11160	-
Khorasan-e-Razavi	1921	1475	446	31411	-
North Khorasan	102	81	21	2401	-
Khuzestan	843	655	188	17255	-
Zanjan	207	176	31	6127	-
Semnan	422	319	103	9994	-
Sistan & Baluchestan	219	155	64	5635	-
Fars	1226	844	382	30319	-
Oazvin	515	388	127	10861	-
Oom	306	217	89	6077	-
Kordestan	775	639	136	14102	-
Kerman	757	544	213	10648	-
Kermanshah	766	470	296	9641	-
Kohgiluyeh & Boverahmad	131	81	50	2692	-
Golestan	911	764	147	29008	-
Gilan	842	749	93	20184	-
Lorestan	648	516	132	13338	-
Mazandaran	1933	1625	308	37669	-
Markazi	675	477	198	13281	-
Hormozgan	354	231	123	7979	-
Hamedan	495	389	106	8291	-
Yazd	729	566	163	11677	-

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

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		Manure	
	Quantity	Value	Quantity	Value	Quantity	Value
1382	1371018	11409123	13282	68555	1049603	101504
1387	1994542	-	-	-	-	-
1389	1862838	37628484	14161	176735	1413890	360126
1390	1907194	43534365	13565	194293	1462665	492869
1393	2052924	81726174	9270	227411	1434533	1864399
1396	2539761	-	-	-	-	-
East Azarbayejan	95331	-	-	-	-	-
West Azarbayejan	91980	-	-	-	-	-
Ardebil	34901	-	-	-	-	-
Esfahan	176246	-	-	-	-	-
Alborz	9272	-	-	-	-	-
Ilam	43851	-	-	-	-	-
Bushehr	31696	-	-	-	-	-
Tehran	18584	-	-	-	-	-
Chaharmahal & Bakhtiari	24085	-	-	-	-	-
South Khorasan	62424	-	-	-	-	-
Khorasan-e-Razavi	200238	-	-	-	-	-
North Khorasan	17975	-	-	-	-	-
Khuzestan	92654	-	-	-	-	-
Zanjan	44171	-	-	-	-	-
Semnan	61898	-	-	-	-	-
Sistan & Baluchestan	23801	-	-	-	-	-
Fars	167201	-	-	-	-	-
Qazvin	64905	-	-	-	-	-
Qom	32054	-	-	-	-	-
Kordestan	99665	-	-	-	-	-
Kerman	51580	-	-	-	-	-
Kermanshah	54691	-	-	-	-	-
Kohgiluyeh & Boyerahmad	11107	-	-	-	-	-
Golestan	230485	-	-	-	-	-
Gilan	190818	-	-	-	-	-
Lorestan	83695	-	-	-	-	-
Mazandaran	317334	-	-	-	-	-
Markazi	62545	-	-	-	-	-
Hormozgan	29205	-	-	-	-	-
Hamedan	55008	-	-	-	-	-
Yazd	60361	-	-	-	-	-

Source: Statistical Centre of Iran.

5.15. 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
1396	1746	5102	98425
East Azarbayejan	263	656	10689
West Azarbayejan	16	45	459
Ardebil	17	21	385
Esfahan	209	529	11216
Alborz	114	456	7140
Tehran	122	593	12757
Chaharmahal & Bakhtiari	6	7	233
South Khorasan	34	61	1537
Khorasan-e-Razavi	285	671	11838
Norh Khorasan	3	3	55
Khuzestan	17	60	762
Zanjan	20	49	1119
Semnan	39	99	1862
Sistan & Baluchestan	5	18	782
Fars	65	179	4228
Qazvin	64	319	8729
Qom	173	570	9153
Kordestan	9	15	419
Kerman	30	123	1496
Kermanshah	18	35	918
Kohgiluyeh & Boyerahmad	4	4	170
Golestan	20	84	2326
Lorestan	16	21	657
Mazandaran	23	43	978
Markazi	92	255	3929
Hamedan	32	73	1321
Yazd	47	107	3141
Other Ostans ⁽²⁾	3	6	128

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

2. Including Ilam, Bushehr, Gilan and Hormozgan Ostans

Source: Statistical Centre of Iran.

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

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

1 As of the year 1387, edible eggs includes shell-less and broken eggs.

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

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

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	19732	2276950
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	Crossbreed	Indigenous
1375	539937	394869	103332	41736
1379	561491	393841	124745	42906
1386	1158904	663651	386936	108317
1389	1294779	847406	355118	92255
1392	1365935	897483	376754	91698
1395	1439391	971909	401882	65600
East Azarbayejan	28363	22511	5400	452
West Azarbayejan	13210	11713	947	550
Ardebil	24958	21486	3407	66
Esfahan	206876	127189	79559	128
Alborz	72311	67042	4506	763
Ilam	6153	5721	432	0
Bushehr	9525	477	7028	2020
Tehran	321420	229403	53129	38887
Chaharmahal & Bakhtiari	29427	29089	339	0
South Khorasan	11493	8975	2518	0
Khorasan-e-Razavi	112623	95399	17191	33
North Khorasan	7627	4986	2500	140
Khuzestan	23191	5123	17634	434
Zanjan	17027	14196	2682	148
Semnan	57643	20914	35947	781
Sistan & Baluchestan	4113	2435	886	792
Fars	105128	76037	26081	3009
Qazvin	72594	65702	6892	0
Qom	64842	29870	22317	12655
Kordestan	3428	2324	699	405
Kerman	33194	29556	2887	751
Kermanshah	16547	15893	398	256
Kohgiluyeh & Boyerahmad	4436	3132	1304	0
Golestan	18264	16914	1335	15
Gilan	3769	2545	522	703
Lorestan	9892	6358	2514	1019
Mazandaran	21651	11696	9294	661
Markazi	60056	10622	49089	345
Hormozgan	1271	256	670	344
Hamedan	17523	15607	1917	0
Yazd	60836	18736	41858	242

5.18. 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	Crossbreed	Indigenous
1375	500047	388330	90014	21703
1379	510037	385296	108110	16632
1386	917461	617454	287558	12449
1389	-	-	-	-
1392	1022223	829441	186232	6550
1395	1159158	910791	240799	7568
East Azarbayejan	24060	20968	2954	137
West Azarbayejan	10969	10196	459	314
Ardebil	22964	21409	1555	0
Esfahan	202123	126534	75563	27
Alborz	69750	65303	4225	223
Ilam	4301	4301	0	0
Bushehr	1742	252	1337	153
Tehran	229212	212118	13763	3331
Chaharmahal & Bakhtiari	28748	28410	339	0
South Khorasan	10441	8174	2267	0
Khorasan-e-Razavi	110188	93718	16436	33
North Khorasan	6182	4685	1474	22
Khuzestan	8558	4740	3754	65
Zanjan	14816	12937	1801	78
Semnan	39933	17284	22559	90
Sistan & Baluchestan	1456	1275	165	16
Fars	89595	70050	19297	248
Qazvin	63170	60585	2585	0
Qom	23742	20694	2468	580
Kordestan	2470	2158	272	39
Kerman	30048	28335	1046	666
Kermanshah	15119	14551	320	248
Kohgiluyeh & Boyerahmad	3566	2613	953	0
Golestan	16860	16432	426	2
Gilan	3200	2498	356	346
Lorestan	8867	6238	1983	646
Mazandaran	18175	11680	6496	0
Markazi	23034	9785	13225	24
Hormozgan	684	256	391	37
Hamedan	15189	14042	1147	0
Yazd	59991	18567	41183	242

Source: Statistical Centre of Iran

5.19. 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 ⁽¹⁾	17755	2229 ⁽¹⁾	16173
1378.....	1215	1247549	2000 ⁽¹⁾	35060	1865 ⁽¹⁾	32775
1385.....	2415	6624859	3233	197484	2680	169334
1388.....	3216	-	-	-	-	-
1391.....	3793	31934432	2741	559675	-	-
1394.....	4087	47533616	3230	1504284	-	-
East Azarbayejan	83	931755	65	13879	-	-
West Azarbayejan.....	30	315491	28	9121	-	-
Ardebil.....	52	672864	132	51876	-	-
Esfahan	940	10806595	558	280027	-	-
Alborz	257	3053760	138	27724	-	-
Ilam.....	12	122684	9	3114	-	-
Bushehr.....	2	32165	14	7439	-	-
Tehran.....	666	8069707	463	146046	-	-
Chaharmahal & 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	-	-

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

Sources: Statistical Centre of Iran.

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

Year	Sheep and lamb		Goats and kids	
	Number	Weight	Number	Weight
1380 ⁽¹⁾	8743	141	2264	29
1385 ⁽¹⁾	9870	166	2914	39
1390	5673	104	1842	27
1392	7450	138	2206	33
1393	9196	165	2504	37
1394	10236	184	2552	37
1395	9709	176	2388	35
1396	8609	162	2223	34

Year	Cattles and calves		Buffaloes and calves		Camels and calves	
	Number	Weight	Number	Weight	Number	Weight
1380 ⁽¹⁾	1645	229	50	8	67	13
1385 ⁽¹⁾	1518	246	46	7	27	5
1390	1382	250	26	4	27	6
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
1396	1134	223	22	4	33	7

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
1380 ⁽¹⁾	778694	7464.0
90-1389	702119	11864.3
91-1390	1602440	14412.0
92-1391	1460052	13709.2
1392-93	924612	12894.0
1393-94	982267	12063.0
1394-95	1004292	12365.8
1395-96	927097	13734.7
East Azarbayegan	7656	122.8
Sufichay	2664	95.8
Sattarkhan	3742	22.6
Bonab-e- Marand	0	0.0
Zonooz-e chukhorzamee	1250	4.3
West Azarbayegan	39132	484.2
Dasht-e-Shiblu	1754	30.7
Dasht-e-Zanganeh	499	7.8
Zarrinehrud (Miyandoab) ⁽¹⁾	19829	272.9
Mahabad	7873	99.2
Qanbar Kandi	1245	17.2
Hasanlu	4900	30.9
Poldasht.....	3032	25.3
Ardebil	99465	1194.7
Quri chay.....	1891	11.3
Moghan	91335	1156.1
Ardebil	5777	24.9
Saghezchee.....	462	2.3
Esfahan	60149	449.4
Abshar	12200	102.9
Borkhar(Esfahan).....	1000	9.3
Rudashtin	14200	105.7
Karvan (Khamiran)	3995	23.1
Mahyar	480	7.9
Nekuabad	20500	142.5
Golpayegan	6418	53.5
Hanna	1356	4.3
Alborz.....	9437	21.2
Kordan	9437	21.2
Ilam.....	31715	312.7
Konjan Cham(Mehran)	2516	31.7
Holilan	744	3.9
Doviraj 1 & 2	3206	48.0
Amirabad.....	9	0.1
Dasht-e-Abbas.....	23977	213.9
Meymeh	950	11.5
Mulab.....	258	2.4

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.....	55	0.8
Saleh Abad.....	0	0.0
Bushehr	18052	308.7
Ahram	775	13.9
Dalaki.....	8000	145.5
Abikhsh (former Shabankareh).....	6596	114.2
Kelel.....	1120	17.3
Shabankareh.....	1561	17.5
Tehran	77585	258.0
Varamin	55500	160.0
Karaj.....	17460	42.6
Robat Karim.....	4625	55.3
Chaharmahal & Bakhtiyari	2170	20.7
Ardal	400	3.7
Jonaqan	330	3.2
Gandoman & Boldaji	1190	12.2
Dasht-e Bar Aftab-e- Kalbali Koshteh.....	250	1.5
South Khorasan	151	4.8
Shahid Parsa-ey- Ferdos	17	0.1
Farokhee.....	29	0.0
Nahreyen.....	80	3.3
Keriet	25	1.2
Khorasan-e-Razavi	8931	58.6
Shahid Yaqubi.....	435	2.4
Shahid Dehqan Taybad	25	0.8
Tabarakabad.....	1458	8.2
Sangard	162	2.2
Kamayestan.....	200	0.8
Fariman	1464	10.1
Doostee	1210	11.2
Zavin	680	1.1
Sedeh.....	710	4.7
Kardeh	1560	8.9
Torogh	1027	7.6
North Khorasan	7885	56.3
Shirvan.....	4316	42.5
Chery.....	859	1.4
Esfarayn	2710	12.3
Khuzestan	214021	6860.9
Avan	3045	89.7
Dez	88144	3493.4

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	3700	122 .1
Fajr & Jayzan	4077	41 .1
Gotvand.....	34099	1109 .1
Marun (Behbahan)	10673	124 .2
Veys	8313	176 .5
Beneh Basht	2418	15.8
ShahidRajae.....	739	23 .2
Shadegan	0	26 .2
Ramshir	8361	71 .2
Dareyon.....	7923	400 .5
Damghani.....	139	0 .6
Kowsar	6200	109 .1
Karkheh-e- Jonoubee	24494	614 .4
Karkheh-e- Shomalee	9757	388. 0
Khoramshahr.....	143	23. 0
Hendijohn	1796	32 .1
Semnan.....	20450	168 .5
Garmsar	19610	162. 0
Damghani	840	6 .5
Sistan & Baluchestan.....	61484	727 .3
Bampur	0	0. 0
Chahnimeh	45700	437 .9
Miyankangi	15454	289 .4
Bahukalat	330	0. 0
Fars.....	0	0. 0
Dorudzan(Ramjerd)	0	0. 0
Iezadkhast.....	0	0. 0
Qazvin.....	30971	281 .7
Qazvin	30971	281 .7
Kordestan.....	1468	21.6
Zarivar (Marivan).....	0	0.0
Qeshlaq	200	1.5
Kamyara.....	603	12 .7
Legzy	665	7 .3
Kerman.....	2495	37 .8
Jiroft.....	745	12 .4
Narmashir.....	1750	25 .4
Kermanshah	6920	50 .8
Berimvand.(Dasht-e Zahob)	1300	9 .4
Jegarlu.(Qasr-e Shirin)	270	2 .9
Ravansar.....	650	6 .9

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.....	550	5.1
Eainlqas	750	4.9
Nazliyan.....	550	4.2
Mian darband.....	0	2.0
Bilevar	2800	14.7
Kohgiluyeh & Boyerahmad	4213	59.5
Servak & Shahqasem	538	3.9
Dasht-e-rum	900	1.7
Dasht-e-choram	230	1.1
Dasht-e-chitab.....	800	7.0
Lishter & Kheirabad	1745	45.6
Rudyal.....	0	0.0
Golestan.....	18726	73.4
Voshmgir	12913	42.8
Golestan ⁽²⁾	4375	21.0
Kowsar.....	125	1.8
Bustan	1313	7.6
Gilan.....	171000	1752.3
Sefidrud & Fumanat ⁽²⁾	117340	471.7
Fumanat	51000	308.5
Golerud	2660	972.0
Lorestan.....	5478	70.3
Chogholvandi.....	1458	27.5
Aliabad (Dorud).....	100	10.4
Silakhur.....	3500	28.0
Kaznar Aligoudarz.....	60	1.0
Haleh Koohdasht	40	0.5
Glum Bahri	320	2.5
Mazandaran.....	15618	259.4
Tajan	6961	141.4
Alborz.....	5464	73.5
Gelevard.....	3193	44.5
Markazi.....	3570	18.0
Saveh	3570	18.0
Hormozgan.....	6820	40.5
Minab.....	6335	26.8
Jegien.....	485	13.6
Hamedan.....	1535	23.0
Shaban Borzul.....	1535	23.0

1. Statistics for previous years were prepared and presented based on the SolarYear. 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	Crop year							
	1379-80	1384-85	1389-90	1391-92	1392-93	1393-94	1394-95	1395-96
Wheat	875	2050	3600	5500	10500	11500	12705	13000 ⁽¹⁾
Barley	694	1520	2900	4500	7800	9200	10028	10300
Grain corn	775	1620	3000	4650	8700	9600	10368	10650
Peas	1560	3600	6800	10200	19000	22200	24640	26858
Navy beans	1868	3500	×	9000	18000	21000	23940	26096
Kidney beans	1723	3000	6000	9000	17800	21000	24150	24948
Pinto beans	2240	3500	6200	9500	18000	21000	23940	26103
Lentils	1905	3800	6800	10200	20000	23000	26450	28831
Sugar beets	225	460	900	1350	2100	2700	2916	3091 ⁽²⁾
Cotton (unginned)	2428	4500	9000	14000	22000	25500	29325	21964
Soybeans	1568	3200	5200	8700	17000	19700	22655	24694
Sunflower seeds.....	1818	3400	6000	9500	18500	21500	24510	26644
Potatoes	380	883	1450	1900	3000	3600	3888	4121 ⁽³⁾
Onions	327	627	900	1350	2000	2400	2592	2748 ⁽⁴⁾

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
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
1396.....	12897	9817	39733	52574	78577	49787	3413	29974	80712
East Azarbayejan.....	12418	10668	×	43764	78799	60359	6633	×	×
West Azarbayejan ...	12610	10344	×	51330	80755	66658	2890	×	×
Ardebil	12801	10300	×	58777	79347	58761	3558	32000	×
Esfahan.....	12699	10040	42193	48397	79976	45294	×	25000	×
Albor	13116	9705	×	×	×	×	×	×	×
Ilam.....	13029	10814	×	54944	57215	38671	2942	×	×
Bushehr	13292	9699	×	×	×	×	×	×	×
Tehran	13058	11749	×	×	73438	×	×	×	×
Chaharmahal & Bakhtiyari.....	12551	9425	×	45054	71762	47125	3487	×	×
South Khorasan	12840	10213	×	×	×	×	×	31282	×
Khorasan-e-Razavi .	12935	9559	×	53840	×	54299	3756	30510	×
North Khorasan.....	12849	10532	×	59984	75020	39722	3266	28089	×
Khuzestan.....	13109	10058	31695	×	×	×	×	×	×
Zanjan.....	12701	9885	28412	46980	83311	60281	3095	×	×
Semnan	12978	10338	×	×	72428	42672	3319	30098	×
Sistan & Baluchestan	12504	11916	×	×	×	×	×	×	×
Fars	12957	9645	49096	52075	78999	53722	3221	33072	×
Qazvin	12784	8647	×	47859	64286	53087	3162	×	×
Qom.....	12675	9883	×	×	103824	×	×	28829	×
Kordestan	13020	10322	×	53658	85000	67420	×	×	63056
Kerman.....	13199	10050	×	62069	69883	57123	×	×	×
Kermanshah.....	13131	9899	×	52163	×	44266	2997	×	×
Kohgiluyeh & Boyerahmad	12792	9775	54465	50000	62615	58516	×	×	×
Golestan.....	12869	9473	34232	57073	86042	51764	×	28481	80873
Gilan.....	×	×	48670	×	26689	×	×	×	112143
Lorestan.....	12963	10121	×	53596	67384	49257	3895	×	×
Mazandaran.....	12703	8997	38406	×	×	×	×	33000	83423
Markazi	12771	9843	×	56418	75962	55413	3500	×	×
Hormozgan.....	13491	×	×	×	×	×	×	×	×
Hamedan	12851	9696	×	54722	×	53856	3536	×	×
Yazd	13527	11571	×	×	×	×	×	×	×

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	758 ⁽¹⁾
1385	12230	3794	1598	1033	2161	1671	1308	1059	1328
1390	35802	8467	3002	1520	5488	2158	1837	2682	3103
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
1396.....	100057	36628	6597	3113	10514	6767	9856	5938	8116
East Azarbayejan	×	49207	11082	6089	11000	6683	9512	5216	8075
West Azarbayejan.....	×	36403	×	2561	9714	5351	11345	3934	7250
Ardebil	×	×	6208	3022	9564	6172	13781	5278	7135
Esfahan.....	100930	×	8466	6458	15117	9895	10200	6588	8056
Alborz	×	×	×	×	15103	×	5990	7493	8979
Ilam.....	×	×	10429	5952	9015	×	15766	12264	7160
Bushehr.....	116729	×	12334	5933	12198	×	11976	11973	8522
Tehran.....	×	×	×	×	9003	8259	16107	6495	9252
Chaharmahal & Bakhtiyari .	×	×	×	×	18112	5934	×	×	8408
South Khorasan.....	×	×	8977	5898	16288	×	20000	10558	9000
Khorasan-e-Razavi.....	57414	×	4696	2854	8317	8128	7959	4852	9176
North horasan.....	×	30506	×	×	9383	9924	10473	6785	9571
Khuzestan	×	×	4513	3709	7308	11826	14337	5498	2546
Zanjan	×	×	5393	2882	14215	6597	12554	5012	8507
Semnan	×	30722	8317	3815	12597	6349	8351	6617	8724
Sistan & Baluchestan.....	105000	×	4903	5721	10000	×	7234	5966	8681
Fars.....	×	×	6563	2418	14890	10788	9994	4859	8540
Qazvin.....	×	×	7459	3121	11354	6390	8543	4466	7949
Qom	×	×	10148	8791	×	×	5769	×	8718
Kordestan.....	×	×	×	5047	16067	6825	11853	7669	9024
Kerman	×	×	×	5711	10020	9650	6954	6645	8149
Kermanshah.....	×	×	×	×	10241	8026	7309	5605	8180
Kohgiluyeh & Boyerahmad	×	×	×	2708	14290	×	14790	7642	9061
Golestan	×	25397	9030	2907	10977	11086	19489	4862	9061
Gilan	×	×	15183	4476	20941	×	25997	18305	×
Lorestan	×	×	×	5000	9157	6211	8277	5409	8213
Mazandaran.....	×	25000	13032	4105	15408	14772	22873	8771	8213
Markazi.....	×	×	4858	2326	10114	7002	14451	6393	8395
Hormozgan	111552	×	×	6031	14030	10554	10419	8925	8395
Hamedan	×	×	×	1482	14431	5588	12255	3940	8506
Yazd.....	×	×	9872	3749	13845	×	8915	15419	8905

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 PERMANENT CROPS IN RURAL AREAS (rial)

Year and Ostan	Apples	Apricots	Pears	Grapes	Oranges	Dates	Pomegranates	Pistachios	Almonds	Walnuts
1380.....	992	1721	1314	874	1354	1589	946	22649	4772	10364
1385.....	2790	2709	3204	2046	2786	3131	3240	30461	12763	21283
1390.....	7428	11525	14901	5835	5791	5443	7902	30059	47323	53093
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
1396.....	14039	28737	36861	13947	8965	27032	20072	247354	144828	199412
East Azarbayejan..	15307	19425	18535	14240	×	×	×	×	155444	196751
West Azarbayejan..	11294	14552	×	17198	×	×	×	×	74356	178822
Ardebil	11823	20455	25432	20373	×	×	×	×	179611	187657
Esfahan	10482	26950	×	14411	×	×	16527	381718	230276	230607
Alborz.....	18455	36281	33254	15694	×	×	×	×	×	248306
Ilam	20398	40190	45605	33067	20000	×	21071	×	×	157647
Bushehr	×	×	×	×	24048	26805	×	×	×	×
Tehran	15470	×	36213	13410	×	×	22863	181953	×	258610
Chaharmahal & Bakhtiyari	7958	32712	×	10724	×	×	30000	×	281487	285679
South Khorasan	29032	35844	×	16429	×	62051	22243	168429	128616	262000
Khorasan-e-Razavi	12970	42508	21333	12684	×	×	14431	289172	96401	215395
North Khorasan	17437	21290	19197	12876	×	×	×	×	112541	202587
Khuzestan.....	×	×	×	11472	11587	22248	24657	×	×	×
Zanjan	10246	14634	17500	12506	×	×	12351	×	80863	152000
Semnan	17416	29767	59378	19932	×	×	16882	266725	196289	258157
Sistan & Baluchestan .	×	×	×	29798	×	25664	×	×	×	×
Fars	9197	30193	30193	11190	21652	23404	21391	292953	108072	241053
Qazvin	13656	31029	47064	13891	×	×	24322	330102	99522	217532
Qom	21863	35963	38255	22377	×	×	15045	×	136764	271748
Kordestan	11387	28280	20397	15007	×	×	21472	×	102533	133964
Kerman	22368	67065	×	26563	22701	31736	38616	277625	216364	191818
Kermanshah.	11570	24866	×	14178	×	42692	17000	×	100805	177068
Kohgiluyeh & Boyerahmad .	10332	42475	×	16075	15032	×	19244	×	163636	261411
Golestan	13745	×	26905	×	8359	×	20639	×	×	215237
Gilan	×	×	39149	×	11057	×	8300	×	×	212475
Lorestan	6945	28986	×	8668	×	×	15207	×	117758	149957
Mazandaran .	25556	×	×	×	8284	×	17743	×	×	210906
Markazi	11909	36736	×	22209	×	×	×	×	109064	223214
Hormozgan ..	×	×	×	×	×	70999	×	×	×	×
Hamedan	10367	17002	×	12674	×	×	×	×	105800	149463
Yazd	30135	35971	57561	13583	×	×	16200	235371	133208	215946

Source: Statistical Centre of Iran.

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

Crop	The crop year 1384-85		The crop year 1389-90		The yearcrop 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 PER HECTARE 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 PER HECTARE AND COST PRICES ⁽¹⁾ PER KILOGRAM OF SELECTED TEMPORARY CROPS (continued) (rial)

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

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

Sources: Ministry of Agriculture-Jahad.

Statistical Centre of Iran.

**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
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
1395	000	000	000	000	000	000

Source: Statistical Center of Iran

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

Year and Ostan	Red meat (1000 tons)	Milk (1000 tons)	Chicken meat (1000 tons)	Egg (1000)	Honey (1000 tons)
1380	743	5748	885	581	26100
1385	829	7752 ⁽¹⁾	1360	677	36000 ⁽¹⁾
1390	740	7685	1783	700	50700
1392	755	8268	1967	893	74700 ⁽¹⁾
1393	785	8800	2033	925	77800 ⁽¹⁾
1394	806	9140	2123	931	77400 ⁽¹⁾
1395	823	9653	2069	940	81500 ⁽¹⁾
1396	835	10184	2237	888	88240
East Azarbayejan	51	520	75	78	11784
West Azarbayejan	47	372	82	9	21882
Ardebil	29	264	43	8	6044
Esfahan	45	1242	173	92	4576
Alborz	11	370	22	75	285
Ilam	16	88	35	1	664
Bushehr	8	40	35	1	504
Tehran	31	1105	31	137	891
Chaharmahal & Bakhtiyari	21	247	27	3	1512
South Khorasan	14	109	51	12	175
Khorasan-e-Razavi	73	974	167	99	2008
North Khorasan	16	98	17	2	1998
Khuzestan	42	326	92	8	2186
Zanjan	14	145	44	11	935
Semnan	14	152	53	16	328
Sistan & Baluchestan	21	76	24	5	48
Fars	61	587	141	47	6236
Qazvin	25	525	56	51	796
Qom	8	131	25	61	255
Kordestan	21	121	74	6	1322
Kerman	34	264	49	15	1633
Kermanshah	23	215	40	10	4083
Kohgiluyeh & Boyerahmad	11	73	13	4	945
Golestan	28	352	210	28	1518
Gilan	24	184	156	17	5314
Lorestan	28	235	66	7	1721
Mazandaran	46	480	252	13	5179
Markazi	23	277	56	34	866
Hormozgan	7	26	28	1	132
Hamedan	29	354	49	16	2174
Yazd	14	232	51	21	246

1. Since the year 1385, statistics for production of milk and honey has been revised

Source: Ministry of Agriculture-Jahad.

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

Description	Number	Members	Workers	Capital
<i>Registered cooperatives⁽¹⁾</i>				
1380.....	13929	218982	108749	992771
1385.....	25730	345771	190503	1392819
1390.....	37320	459202	292382	3146011
1392.....	45052	556096	397288	5873934
1393.....	46260	572348	408576	5684167
1394.....	47315	588403	417920	11700568
1395.....	48328	614127	431598	12267855
1396.....	49472	631897	444127	42969552
<i>Cooperatives under establishment</i>				
1380.....	965	35531	9504	51407
1385.....	4613	72303	37474	140032
1390.....	5664	62125	51341	739081
1392.....	8802	106296	118455	774698
1393.....	7791	82900	110736	1513966
1394.....	7574	82224	91245	1526950
1395.....	7395	89114	94466	1914359
1396.....	7192	84264	92509	1849976
<i>Cooperatives in operation</i>				
1380.....	8006	118595	69787	804515
1385.....	14119	190318	109659	1063415
1390.....	16485	211851	134807	1869834
1392.....	16017	217580	140253	3668305
1393.....	16394	220123	138064	2336731
1394.....	16096	222799	153372	5802381
1395.....	14795	220006	133344	6475993
1396.....	14754	221447	134242	37032322

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

Description	Number	Members	Workers	Capital
East Azarbayejan.....	439	5596	4100	20939617
West Azarbayejan	251	3076	2529	107111
Ardebil.....	289	2979	2094	40938
Esfahan.....	516	14256	5528	177845
Alborz.....	51	1507	752	92755
Ilam	620	10141	5071	56755
Bushehr	533	4363	6797	92104
Tehran	426	16820	6983	101937
Chaharmahal & Bakhtiyari.....	433	3787	3508	49096
South Khorasan	150	2712	1468	88281
Khorasan-e-Razavi	1193	24740	10071	534316
North Khorasan	233	2392	1689	39880
Khuzestan.....	751	6812	6639	88270
Zanjan.....	256	4218	1912	42937
Semnan.....	313	3063	2105	79647
Sistan & Baluchestan	368	3621	3310	60201
Fars.....	945	17866	8876	354243
Qazvin	123	2407	1241	80649
Qom.....	185	1574	1472	106652
Kordestan	246	4701	2009	488335
Kerman.....	1035	14567	8455	86775
Kermanshah.....	619	9503	7666	39198
Kohgiluyeh & Boyerahmad	392	3398	3111	45545
Golestan.....	783	12776	5987	268550
Gilan.....	605	8648	6996	9277843
Lorestan.....	450	4565	3077	143006
Mazandaran.....	1068	15289	10836	3320122
Markazi	412	4890	1704	62310
Hormozgan.....	519	5914	4546	50489
Hamedan	191	2069	1839	37828
Yazd	359	3197	1871	79087

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

Source: Ministry of Cooperatives, Labour and Social Welfare

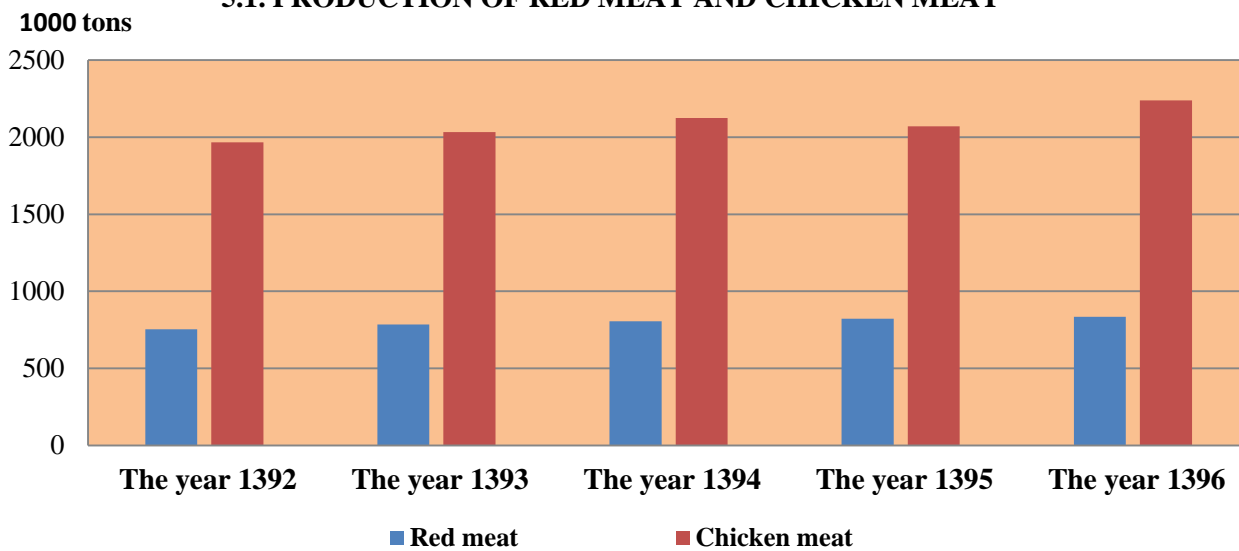
**5.29. GENERAL SPECIFICATION OF AGRICULTURAL COOPERATIVES COVERED BY
CENTRAL ORGANIZATION OF RURAL COOPERATIVES, BY TYPE OF
ACTIVITY AT THE END OF THE YEAR** (mln rials)

Year and type of activity	Number	Members	Capital ⁽¹⁾
1380.....	1827	970609	221822
1385.....	2008	1010551	404366
1390.....	1997	1068541	836954
1392.....	1952	1071956	1588498
1393.....	2040	1092032	1632125
1394.....	1902	1019276	2374637
1395.....	1904	1047684	2643657
1396.....	1877	1048580	2598232
Poultry farming	307	23004	1163227
Livestock farming	568	571657	826558
Wheat farming	85	27498	43396
Permanent crops farming	91	140458	80376
Apiculture.....	196	69288	95979
Combine harvester management	11	2355	1603
Range Manegement	24	8491	13795
Mechanization	36	2973	6158
Others	559	202856	367140

1. The cooperative declared capital is the registred capital for the members' cash constribution 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.

5.1. PRODUCTION OF RED MEAT AND CHICKEN MEAT



For data see Table 5.27.

5.30. GENERAL SPECIFICATION OF AGRICULTURAL COOPERATIVES COVERED BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY OSTAN AT THE END OF THE YEAR 1396

Ostan	Number	Members
Total country	1877	1048580
East Azarbayejan	180	90209
West Azarbayejan	62	34002
Ardebil	33	16738
Esfahan	164	99968
Alborz.....	42	7110
Ilam	96	3812
Bushehr	14	3599
Tehran	52	12282
Chaharmahal & Bakhtiyari	58	8739
South Khorasan	81	35341
Khorasan-e-Razavi	169	121816
North Khorasan	33	12197
Khuzestan.....	44	20611
Zanjan	14	2218
Semnan	37	12755
Sistan & Baluchestan	20	1571
Fars	102	66194
Qazvin	35	13625
Qom	15	19965
Kordestan	49	17838
Kerman	35	19998
Kermanshah	94	24855
Kohgiluyeh & Boyerahmad	22	4128
Golestan	35	14228
Gilan	103	130746
Lorestan	31	25611
Mazandaran	73	95359
Markazi	56	30709
Hormozgan	44	8366
Hamedan	47	72613
Yazd	37	21377

Source: Central Organization of Rural Cooperatives.

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

Year and Ostan	Afforestation			Sapling production ⁽²⁾
	Total	State-owned	Private	
1380.....	110692	53912	56780	141317
1385.....	51167	39871	11296	46876
1390.....	25254	8370	16885	33386
1392.....	26157	19444	6714	18331
1393.....	53034	44882	8152	38575
1394.....	24342	8433	15909	26894
1395.....	13933 ⁽³⁾	7069	6864	22344
1396.....	15202	10937	4265	25502
East Azarbayejan.....	51	51	0	0
West Azarbayejan.....	90	90	0	59
Ardebil.....	0	0	0	170
Esfahan.....	339	339	0	303
Alborz.....	10	10	0	1050
Ilam.....	4200	4200	0	4800
Bushehr.....	215	215	0	278
Tehran.....	1352	1332	20	50
Chaharmahal & Bakhtiari.....	366	298	68	542
South Khorasan.....	80	80	0	224
Khorasan-e-Razavi.....	200	200	0	264
North Khorasan.....	504	504	0	227
Khuzestan.....	948	948	0	569
Zanjan.....	50	50	0	200
Semnan.....	41	41	0	923
Sistan & Baluchestan.....	807	130	677	500
Fars.....	559	117	442	220
Qazvin.....	149	105	44	320
Qom.....	60	60	0	0
Kordestan.....	0	0	0	700
Kerman.....	88	88	0	180
Kermanshah.....	130	130	0	230
Kohgiluyeh & Boyerahmad.....	373	373	0	0
Golestan.....	879	279	600	2130
Gilan.....	1537	587	950	3950
Lorestan.....	631	430	201	255
Mazandaran.....	1184	24	1160	5986
Markazi.....	2	0	2	595
Hormozgan.....	121	110	11	260
Hamedan.....	226	136	90	250
Yazd.....	10	10	0	267

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

3. Revised figures.

Source: Forests, Range and Watershed Management Organization.

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

Title	The year 1380	The year 1385	The year 1390	The year 1392
National	410422	3152126	1299966	487329
Watershed management in existing dams catchments	54156	179329	106686	44889
Project development ⁽³⁾	131819	2337885	184542	85644
Watershed management in catchments of dams under constrction	66071	56829	55770	63623
Project development.....	74360	93262	116268	3929
Watershed management in Karkheh dam catchments	8229 ⁽²⁾	34918	18279	24413
Project development.....	11022	87472	45189	6425
Watershed management in the Grate Karun catchments ..	0	0	18074	7733
Project development	0	0	37885	9443
Watershed management in Sefidrud dam catchments.....	24085	134399	19741	38278
Project development.....	40680	78369	36893	2361
Watershed management in Atrak catchments	0	0	15555	0
Project development.....	0	0	17662	9789
Watershed management in Golestan flood control catchments (watershed management share)	0	47463	36189	0
Project development.....	0	55950	101450	41132
Study and operation of watershed management in catchments lacking dams	0	35000	28549	15942
Project development.....	0	11250	411802	3883
Study and operation of watershed management in Orumie Lake catchments	0	0	16609	0
Project development.....	0	0	9490	86299
Study and operation of watershed management in central desert margin catchments.....	0	0	5223	34324
Project development.....	0	0	18110	9222
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	181463
Land use improvements plan	50449	104004	168462	3801
Project development.....	57710	32940	13678	67
Flood control prevention plan	58454	155952	36909	25527
Project development.....	63758	156883	102394	48544
Watershed management in municipal areas catchments ...	32774	10363	33829	2756
Project development.....	25200	12478	52006	0
Watershed management in border line catchments	4966	25465	35015	426
Project development.....	7526	16765	5320	0
Watershed management in other provincial catchments ...	20951	2259	0	55812
Project development.....	29170	7400	0	38580
Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project) ..	0	496297	182619	5950
Project development.....	0	298018	316465	0

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

Title	The year 1393	The year 1394	The year 1395	The year 1396
National	578953	405566	402702	1018412
Watershed management in existing dams catchments	31479	14347	11264	87966
Project development ⁽³⁾	70235	61257	95814	117257
Watershed management in catchments of dams under constrction	30736	31244	9037	96132
Project development.....	116403	70840	74784	74010
Watershed management in Karkheh dam catchments	2730	704	2949	4377
Project development	16879	3531	1070	20902
Watershed management in the Grate Karun catchments ...	5200	4700	4322	4996
Project development	4895	1998	4988	4400
Watershed management in Sefidrud dam catchments	3881	2806	9219	4765
Project development.....	23528	6	0	2923
Watershed management in Atrak catchments.	1141	950	11050	585
Project development	18088	675	5250	7500
Watershed management in Golestan flood control catchments (watershed management share)	4464	3052	3400	7542
Project development.....	8638	27561	38400	1400
Study and operation of watershed management in catchments lacking dams	42180	55958	24159	98358
Project development.....	105760	83539	108093	458976
Study and operation of watershed management in Orumie Lake catchments	3390	5352	731	7321
Project development.....	18153	5575	0	9650
Study and operation of watershed management in central desert margin catchments.....	4233	5171	4617	3583
Project development.....	65825	25800	3500	4379
Study and operation of watershed management in South Khorason Siah Kouh catchments	1115	499	0	1390
Project development.....	0	0	0	0
Ostani(provincial)	461936	316919	471358	442660 .9
Land use improvements plan	28029	45058	28455	8073
Project development.....	0	0	18000	0
Flood control prevention plan	86968	48897	29863	64493 .2
Project development.....	0	63257	30500	26176
Watershed management in municipal areas catchments ...	5606	3463	6845	8195
Project development.....	0	2035	0	0
Watershed management in border line catchments	11550	3388	4292	12611 .5
Project development.....	0	1800	0	0
Watershed management in other provincial catchments....	482	8402	8933	2014
Project development.....	0	0	0	0
Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project) ...	73513	52240	130157	132942 .2
Project development.....	255788	88379	214313	188156

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)**

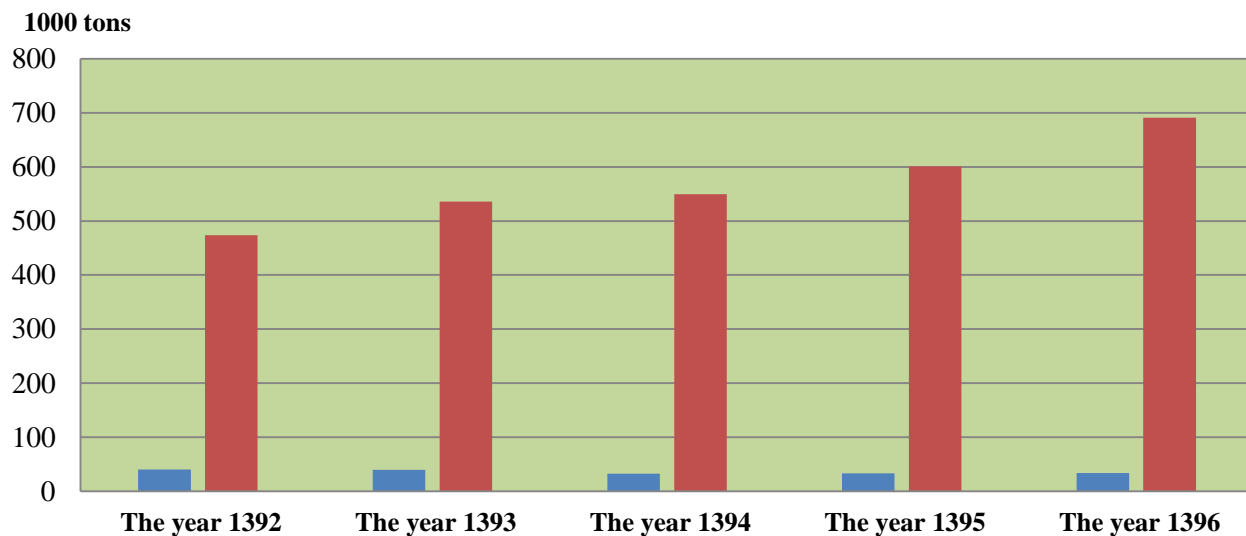
Year	Grand total	Catches in the Caspian Sea			
		Total	Kilka	Bony fish	Sturgeon
1380.....	325355	62550	45180	16500	870
1385.....	420882	46435	22303	23802	330
1390.....	449729	37831	20717	17034	80
1392.....	514081	40423	23221	17146	56
1393.....	575512	39647	22873	16733	41
1394.....	582349	32617	21553	11028	36
1395.....	634198	33396	22429	10944	23
1396.....	724817	33643	22602	11012	29
Bushehr.....	64767	0	0	0	0
Khuzestan.....	47950	0	0	0	0
Sistan & Baluchestan.....	301805	0	0	0	0
Golestan.....	693	693	0	681	12
Gilan.....	12877	12877	6358	6512	7
Mazandaran.....	20073	20073	16244	3819	10
Hormozgan.....	276654	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
1392.....	473658	54391	239593	170885	8789
1393.....	535865	71210	279301	176787	8567
1394.....	549732	76212	270977	194202	8341
1395.....	600802	78507	274533	238342	9420
1396.....	691174	111831⁽¹⁾	326784	241365	11195
Bushehr.....	64767	2122	28387	32333	1925
Khuzestan.....	47950	2675	7208	33267	4800
Sistan & Baluchestan.....	301805	3466	206678	90773	888
Golestan.....	0	0	0	0	0
Gilan.....	0	0	0	0	0
Mazandaran.....	0	0	0	0	0
Hormozgan.....	276654	103568 ⁽¹⁾	84511	84993	3582

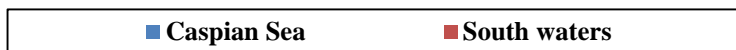
1. An amount of 1781 tons is the share of *Myctophids* catch.

Source: Iran Fisheries Organization.

5.2. CATCHES OF VARIOUS AQUATICS



For data see Table 5.33.



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	Sturge on 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
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
1396.....	477269	14050	196005	167830	2618	32332	16	35	64382
East Azarbayejan.....	5938	152	218	4209	14	0	0	0	1345
West Azarbayejan.....	14562	0	952	7700	0	0	0	30	5880
Ardebil.....	9004	0	1008	3200	0	0	0	0	4796
Esfahan.....	7375	25	962	5506	6	0	0	0	876
Alborz.....	2410	0	90	1920	0	0	0	0	400
Ilam.....	8853	1000	634	2036	0	0	1	0	5182
Bushehr ⁽¹⁾	15434	2000	0	0	0	13434	0	0	0
Tehran.....	6222	0	638	5003	2	0	0	0	579
South of Kerman (Jiroft and Kahnuj).....	2418	10	1548	317	0	0	0	0	543
Chaharmahal& Bakhtiyari.....	23733	778	0	22803	0	0	0	0	152
South Khorasan.....	1376	0	1021	132	0	0	0	0	223
Khorasan-e-Razavi.....	10298	0	1566	8258	0	0	0	0	474
North Khorasan.....	2361	40	615	1695	0	0	0	0	11
Khuzestan.....	74385	0	61721	550	135	854	0	0	11125
Zanjan.....	10561	25	79	8304	0	0	0	5	2148
Semnan.....	1048	0	406	642	0	0	0	0	0
Sistan (Zabol).....	13954	0	1366	53	0	0	0	0	12535
Sistan & Baluchestan (Chabahar).....	1030	5	0	0	0	1025	0	0	0
Fars.....	9990	0	892	8540	43	0	0	0	515
Qazvin.....	3566	0	515	2671	22	0	0	0	358
Qom.....	1339	0	772	550	17	0	0	0	0
Kordestan.....	9816	120	25	3415	0	0	0	0	6256
Kerman ⁽²⁾	2460	0	888	1225	37	0	0	0	310
Kermanshah.....	17201	620	3711	11410	40	0	15	0	1405
Kohgiluyeh & Boyerahmad.....	17000	0	0	17000	0	0	0	0	0
Golestan ⁽¹⁾	16699	60	12852	780	0	1690	0	0	1317
Gilan ⁽¹⁾	52323	800	42635	4788	380	0	0	0	3720
Lorestan.....	27931	2000	1125	22106	0	0	0	0	2700
Mazandaran ⁽¹⁾	75442	900	58173	14357	1838	0	0	0	174
Markazi.....	4538	15	38	4285	72	0	0	0	128
Hormozgan ⁽¹⁾	21263	5500	0	0	0	15329	0	0	434
Hamedan.....	5673	0	1005	3872	0	0	0	0	796
Yazd.....	1065	0	550	503	12	0	0	0	0

1. 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 production of these Ostans

2. Excluding Jieroft and Kahnuj.

Source: Fisheries of Iran.

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

Year	Caviar				Meat			
	Total	Beluga	Asetra	Sevruga	Total	Beluga	Asetra	Sevruga
1380 ⁽¹⁾	88869	3280	64307	21282	870000	95000	620000	155000
1385	31299	4879	24147	2273	329800	74000	22600	33200
1390.....	6128	1997	3615	516	80831	24577	47582	8672
1392.....	3972	1727	2029	216	55900	20911	31958	3031
1393.....	2919	1206	1471	242	41118	15563	22508	3047
1394.....	2391	924	1274	193	35634	12434	20919	2281
1395.....	1368	369	846	153	23041	5228	15877	1936
1396.....	2041	854	938	249	28800	9800	16500	2500

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
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
1396.....	862248	183514	2919	186009	810	427468	13688	2835	45005

Source: Fisheries of Iran.

5.37. FISHING VESSELS BY TYPE**(vessel)**

Year and Ostan	Total	Boat	Launch	Ship
1380	11007	7696	3238	73
1385	12120	8670	3403	47
1390.....	11717	8500	3163	54
1392.....	11568	8288	3229	51
1393.....	11498	8210	3238	50
1394.....	11369	8099	3198	72
1395.....	11359	8080	3189	90
1396	11292	7958	3209	125
Bushehr	2073	1485	567	21
Khuzestan	1683	1078	605	0
Sistan & Baluchestan	2359	1436	922	1
Golestan	205	205	0	0
Gilan	258	228	30	0
Mazandaran	336	292	44	0
Hormozgan	4378	3234	1041	103

Source: Fisheries of Iran.

5.38. NUMBER OF WORKERS IN FISHERIES SECTOR (CATCHING)**(person)**

Ostan	The year 1380	The year 1385	The year 1390	The year 1392	The year 1393	The year 1394	The year 1395	The year 1396
Total.....	124248	146724	143629	142943	140185	141136	141011	141917
Bushehr	000	45287	40860	40402	39299	39275	39375	39475
Khuzestan.....	000	40150	37871	37661	36901	36901	37320	37118
Sistan & Baluchestan	000	21238	24212	24512	24480	24176	24128	24204
Golestan.....	000	1694	1685	1591	1528	1816	1816	1805
Gilan.....	000	6845	6223	5705	5262	5614	4352	4300
Mazandaran.....	000	4691	4554	4492	4494	4461	4494	4482
Hormozgan.....	000	26819	28224	28580	28221	28893	29526	30533

Source: Fisheries of Iran

5.39. NUMBER OF WORKERS IN FISHERIES SECTOR (AQUACULTURE) (person)

Description	The year 1396
Total	87502⁽¹⁾
East Azarbayejan	1115
West Azarbayejan	1450
Ardebil	704
Esfahan.....	4438
Alborz	887
Ilam	1458
Bushehr	6721
Tehran	2864
South of Kerman (Jieroft and Kahnouj).....	244
Chaharmahal & Bakhtiyari	2169
South Khorasan.....	431
Khorasan-e-Razavi.....	830
North Khorasan.....	342
Khuzestan.....	16854
Zanjan	1723
Semnan.....	357
Sistan (Zabol).....	5001
Sistan & Baluchestan (Chabahar)	513
Fars	1041
Qazvin.....	1463
Qom	257
Kordestan	930
Kerman ⁽²⁾	524
Kermanshah	1725
Kohgiluyeh & Boyerahmad	2432
Golestan	2868
Gilan	6693
Lorestan	4085
Mazandaran.....	7202
Markazi	955
Hormozgan.....	7704
Hamedan	1058
Yazd.....	397

1. Difference between total and sum of parts is due to 67 workers in cage farming which has been added to the total

2..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	The year 1395
<i>(At current prices)</i>						
Output	710812	1076909	1636414	1920619	2066294	000
Temporary crops and permanent crops cultivation	382235	562867	955469	1136229	1246998	000
Livestock farming, poultry farming, sericulture, apiculture and hunting	291558	454481	595284	671990	693033	000
Forestry	8303	8050	11388	15164	15387	000
Fishing	28716	51510	74272	97236	110877	000
Intermediate consumption.....	328830	497315	728335	833673	887655	000
Temporary crops and permanent crops cultivation	116959	172154	290698	337803	368225	000
Livestock farming, poultry farming, sericulture, apiculture and hunting	198265	303981	406631	455062	473526	000
Forestry	2841	1582	2764	3869	3837	000
Fishing	10765	19598	28243	36940	42068	000
Value added	381983	579594	908078	1086946	1178640	000
Temporary crops and permanent crops cultivation	265276	390713	664771	798426	878774	000
Livestock farming, poultry farming, sericulture, apiculture and hunting	93294	150500	188653	216928	219507	000
Forestry	5461	6468	8625	11295	11550	000
Fishing	17951	31913	46029	60296	68810	000
<i>(At 1390 constant prices)</i>						
Value added	381983	379477	391900	414833	428002	000
Temporary crops and permanent crops cultivation	265276	262064	275082	296091	303962	000
Livestock farming, poultry farming, sericulture, apiculture and hunting	93294	91574	94751	96776	101189	000
Forestry	5461	5117	4357	4366	4038	000
Fishing	17951	20722	17710	17601	18813	000

Source: Statistical Centre of Iran.