4 Agriculture, Forestry and Fisheries

Introduction

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

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

The SCI conducted the first National Census of Agriculture in the year 1367 in urban and rural areas by visiting settled and unsettled households to collect data on all agricultural holdings of natural persons as well as data on holdings belonged to legal entities by identifying all places used by them for agricultural activities. Using the frame of this Census, the SCI took the first Sample Survey of Agriculture in the year 1371. Through the Survey, which covered only farming 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, the proportion of urban holders' households, arable lands under crops, area with orchards and nurseries, and livestock were 1.7%, 2.5%, 3.2% and 1.3% of the total country in the year 1367.

In the year 1382, the third National Census of Agriculture was taken in collaboration with the Ministry of Jihad-e-Agriculture. In this census, all areas of the country, excluding 108 cities, were listed as the selected cities. In the year 1381, by using information available in the Ministry as well as conducting local researches, a list of agricultural holders of selected cities were prepared in the form of the project “Census of Agricultural Holders in Selected Cities”.

It should be mentioned that due to the recent changes in administrative divisions, the data appeared in the tables related to the 1382 National Census of Agriculture were adjusted according to the latest boundaries of Ostans and the detailed results of the Census , and necessary calculations were calculated by the Statistical Center of Iran.

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

In the year 1369, statistics for modern cattle farms were first collected by the SCI. In this

project, the lists of modern cattle farms obtained from the 1367 National Census of Agriculture were used. The same survey was conducted in the year 1373, as a census, and as a sample survey in the years 1375, 1379 and 1386 by the SCI and in the year 1383 by Jihad-e- Agriculture, the results of which were disseminated.

Until the year 1346, statistics for the livestock slaughtering used to be released by the Statistics Bureau of the Finance Ministry. From the year 1347 to the year 1375, the related data were collected and released by the SCI through inquiring the municipalities or based on monthly reports of those having slaughterhouses. Since 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 surveys to collect data on different activities - including a census on raising layer chicken and pullet, a census on raising breeder chicken, a census on incubation, and a sample survey on broiler chicken raising.

Until the year 1375, the value added table of agricultural activities in the previous yearbooks used to be prepared according to the Central Bank publications. However, as the SCI has compiled Iran's National Accounts based on 1993 SNA since the year 1370, statistics for value added included in this chapter are according to the national accounts produced by the SCI as of the year 1380.

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

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

Besides information on various fields as farming and horticulture, livestock and poultry, forestry, fisheries and related cooperatives, this chapter includes two tables on value added of "agriculture, hunting and forestry" and "Fishing" activities.

Definitions and concepts

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

Farming: holdings with at least 400 square meters of arable land at the time of enumeration.

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

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

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

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

Greenhouse production: holdings having activity

in this field in every size during the intended crop year.

Raising of silkworm and honeybees: holdings having activity in this field in every size during the last 365 (1) days.

Agricultural holder: is a natural or legal person who individually or jointly exercises management control 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 annul plants), either under cultivation or left fallow.

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

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

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

Fallow: the part of arable land, irrigated or rainfed, which is included in crop alternation, but has not been cultivated in the given agricultural year and from which no crop would be harvested.

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

Annual 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.

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

Modern irrigation and drainage network: comprises installations for irrigating, draining and supplying water to arable lands with an area about 60 to 200 hectares. The network, equipped with systems for water control, distribution and measurement, procures water in normal hydrologic conditions with at least 80% guarantee.

Dam: see Chapter 8, Definitions and concepts.

Production: the quantity of the products obtained through the production process during a definite period of time in the agricultural production unit which is ready for sale and consumption. In the statistical surveys of the SCI, the share of agricultural crops produced free of charge, or the compensation of which is paid in kind or is consumed by the same agricultural production unit is included with the production.

For agricultural crops, production refers to the common form of the crop after harvesting: weight of paddy for rice production, weight of dried seed for beans, weight of dried forage in case of alfalfa, sainfoin and clover, weight of nuts peeled but in the shell in case of walnut, almond, and pistachio, and number of trees for fruitless trees as poplar.

Modern cattle farm: an agricultural production unit where cattle are raised according to modern procedures and methods with respect to the characteristics of the place, rearing, feeding, and health.

Broiler chicken: hen or rooster reared for its meat.

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

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

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

Production of one-day-old chickens: through the processes of this activity, depending on the case, fertile eggs of layer and broiler chickens turn into one-day-old chickens of ancestor and

breeder hens, roosters, layer and broiler breeds.

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

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

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

Other payments (money, goods, etc.): includes bonus, overtime, food and clothing allowance, commuting allowance, child allowance, spouse allowance, mission allowance, unfavorable climate allowance, employer's share of social security premium, food stuff, bus ticket, etc.

Investment (value of changes in capital properties): changes in the value of capital properties (value of purchase or obtaining of capital properties plus cost of major repairs minus sale or transfer value of these properties) during a definite period of time.

Capital properties: 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.

Range: a land, be it a mountain, mountainside, or a plain, which is covered with herbaceous forage crops in grazing season and already grazed, is commonly known as range. Fallows, even though covered with herbaceous forage crops, are not included in this category.

Log: a portion of the trunk of a fallen tree, almost cylindrical, used to produce types of wood or veneer.

Sawn wood: articles of wood in specific sizes (length, width and height).

Pole: wood from the trunk of a tree the chest-high diametre of which is between 8 and 30 centimetres.

Pitprop: rounded piece of wood, almost two metres long, with a median diametre of 6 to 20 centimetres and used in mines.

Timber: round wood 1.5 to 2.0 metres in length and 20-40 centimetres in diametre that cannot be turned into sawn wood.

Pulpwood: wastes of articles of wood in different sizes and lengths.

Delineation: exact estimation of the area and admitted limits of one or more range men in a range.

Water trough: shallow wells supplying livestock drinking water only.

Shallow wells: wells dug in mountainsides to supply livestock drinking water. Water of these wells rises to the surface without pumping like artesian wells or springs.

Mulching: to blanket (mulching) vegetation over the soil to prevent it from erosion, keep its temperature and retain its moisture.

Living windbreak: a line of trees, shrubs or other vegetation planted across the usual wind direction to break the force of the wind and lower its speed, causing the sand and other materials carried by the wind to be deposited behind, in an order of size.

Artificial windbreak: rows of artificial obstacles (like fence, wall, dead branches, etc.) constructed across the usual wind direction to break the force of the wind and lower its speed, causing the sand and other materials carried by the wind to be deposited behind, in an order of size.

Preservation: selection and declaration of the

areas of regions with high erosion or sensitive to erosion.

Water basin: see Chapter 1, Definitions and concepts.

Watershed areas: lands lying in the river basin leading running water resulted from precipitation to the lake.

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

Output: see Chapter 21, Definitions and concepts.

Intermediate consumption: see Chapter 21, Definitions and concepts.

Value added: see Chapter 21, Definitions and concepts.

Selected information

According to the results of the 1382 General Agricultural Census, a number of 4,332,000 agricultural producing units have been recognized as the agricultural holdings which are operated at least in one of the areas of farming, horticulture, greenhouse production, livestock raising, raising of poultry by the traditional method, raising of honeybee and silkworm. The absolute maximum of the holdings is run by the natural persons or the very farmers and livestock holders, and only 8108 of the agricultural holdings (0.2%) were operated by the legal entities (authorized companies and public institutions). Out of the agricultural holdings, a number of 2,363,000 holdings (55%) were operated by the literate holders and the rest (45%) by the illiterate ones.

According to this census results, in Mehr 1382, the area of the agricultural lands of the country was 17.7 mln hectares including lands under annual crops, fallow, orchard and nursery. The area of the lands under annual crops, fallow and orchard is reported 11.6, 4.6 and 1.5 mln hectares respectively. Moreover, the area of the irrigated agricultural lands was about 8.3 mln hectares. On the basis of the results of the said census, during the crop year 1381-82, area under cultivation and the production of the main
agricultural crops was as follows:

Wheat: area under cultivation, 6,900,000 hectares, production 11.7 mln tons, yield for the irrigated wheat per hectare 3.1 mln tons and non-irrigated wheat more than 0.9 ton.

Rice: area under cultivation, 465,000 hectares, production 1.82 mln tons, yield per hectare more than 3.9 tons.

Production of the orchard crops: 1.15 mln tons of apples, 1.3 million tons of citrus fruits, 1.4 mln tons of grapes and more than 0.5 and 0.3 mln tons of dates and pistachios respectively. At the time of census (Mehr and Aban 1382) all livestock of the country consisted of 37 mln sheep, 20 mln goats, 6 mln cows, 159,000 buffalos and 139,000 camels.

Based on the results of the same census, the production of the milk during the 365 days preceding census amounted to 5.98 mln tons out of which 4.77 mln tons were produced by cow.

In the year 1391, the area of the forests of the country based on the latest satellite land survey was estimated 14.3 mln hectares. In the mentioned year, out of 85 mln hectares of the ranges of the country, only 8.5 % was among good ranges and the rest was at the medium and poor levels. In the year 1391, more than 838 thousand tons of various types of aquatics were produced and caught, out of which over 40 thousand tons were from the northern waters; more than 459 thousand tons from the southern waters and more than 338 thousand tons from the domestic waters (aquatics raising farms and natural and semi-natural resources).

In the year 1388, the value added of this sector comprising the activities on “agriculture, hunting and forestry” as well as “fishing” at the current prices and at the 1376 constant prices was 342578 and 59315 bln rials respectively.

1. The last 364 days plus the day of enumeration.

4. 1. AGRICULTURAL HOLDERS BY TYPE AND OSTAN, THE YEAR 1382

Ostan	Total	Private settled household	Unsettled holder	Private unsettled household	Registered company or public institution
Total country	***4298206***	***3437981***	***816104***	***36013***	***8108***
East Azarbayejan	243634	215755	26526	932	421
West Azarbayejan	204366	172514	31645	0	207
Ardebil	109187	89691	18524	797	175
Esfahan	203515	164829	37951	119	616
Ilam	56169	39379	16264	426	100
Bushehr	47229	38786	7034	1359	50
Tehran	86468	52091	33782	5	590
Chaharmahal & Bakhtiyari	65948	60628	5199	16	105
South Khorasan	51626	38743	12636	167	80
Khorasan-e-Razavi	394443	306668	86905	353	517
North Khorasan	82325	68764	13104	352	105
Khuzestan	190355	153260	30631	6213	251
Zanjan	84423	76505	7657	0	261
Semnan	38715	25176	13277	0	262
Sistan & Baluchestan	169675	150426	14743	4400	106
Fars	278397	217417	51577	8835	568
Qazvin	80415	66142	13997	0	276
Qom	16663	12001	4556	6	100
Kordestan	110527	93780	16623	0	124
Kerman	258571	158625	93410	5992	544
Kermanshah	139355	99211	37251	2609	284
Kohgiluyeh & Boyerahmad	59415	50731	7928	621	135
Golestan	137147	121099	15772	1	275
Gilan	313135	251825	61016	12	282
Lorestan	129178	100421	26203	2319	235
Mazandaran	332805	268966	63394	1	444
Markazi	91394	77957	13162	6	269
Hormozgan	96053	87129	8588	281	55
Hamedan	142383	124441	17487	191	264
Yazd	84690	55021	29262	0	407

Source: Statistical Centre of Iran.

4. 2. AGRICULTURAL HOLDINGS BY TYPE OF HOLDER AND OSTAN, THE YEAR 1382

Ostan	Grand total		Private settled household		Unsettled holder		Private unsettled household		Registered company or public institution	
	Total	Without land	Total	Without land	Total	Without land	Total	Without land	Total	Without land
Total country	***433242***	***851693***	***3471972***	***802312***	***816104***	***12382***	***36239***	***36236***	***8108***	***763***
East Azarbayejan	244840	26596	216961	25392	26526	245	932	932	421	27
West Azarbayejan	208288	38171	176436	37601	31645	541	0	0	207	29
Ardebil	111599	19744	92100	18771	18524	119	800	800	175	54
Esfahan	202156	28036	163471	27171	37951	705	118	118	616	42
Ilam	58336	10732	41535	10180	16264	80	437	437	100	35
Bushehr	47813	15923	39370	14493	7034	67	1359	1359	50	4
Tehran	85441	12111	51064	10684	33782	1361	5	5	590	61
Chaharmahal & Bakhtiyari	65811	11226	60491	11183	5199	20	16	16	105	7
South Khorasan	51862	14144	38979	13128	12636	848	167	167	80	1
Khorasan-e-Razavi	397047	73748	309272	72008	86905	1352	353	353	517	35
North Khorasan	82988	13352	69432	12877	13104	121	348	347	105	6
Khuzestan	191810	64399	154708	57645	30631	516	6219	6217	251	20
Zanjan	85657	11256	77739	11191	7657	48	0	0	261	17
Semnan	38934	6919	25395	6122	13277	758	0	0	262	39
Sistan & Baluchestan	169757	87374	150508	82543	14743	421	4400	4400	106	10
Fars	277023	71813	215985	62199	51577	687	8894	8894	568	34
Qazvin	80823	7532	66550	7418	13997	88	0	0	276	26
Qom	16685	5396	12023	4759	4556	612	6	6	100	19
Kordestan	112634	15784	95887	15696	16623	73	0	0	124	15
Kerman	258633	48030	158687	41311	93410	715	5992	5992	544	12
Kermanshah	143145	22317	102848	19365	37251	151	2762	2762	284	39
Kohgiluyeh & Boyerahmad	60643	11880	51959	11155	7928	76	621	621	135	28
Golestan	140073	40166	124025	39820	15772	296	1	1	275	49
Gilan	317035	31352	255725	30698	61016	622	12	12	282	20
Lorestan	130888	18829	102131	16353	26203	142	2319	2319	235	15
Mazandaran	336532	49844	272693	49180	63394	621	1	1	444	42
Markazi	91575	12463	78138	12192	13162	252	6	6	269	13
Hormozgan	96427	46666	87503	46223	8588	162	281	281	55	0
Hamedan	142879	21904	124938	21627	17487	58	191	191	264	29
Yazd	85087	13987	55418	13327	29262	625	0	0	407	35

Source: Statistical Centre of Iran.

4. 3. AGRICULTURAL HOLDINGS BY TYPE OF ACTIVITY AND OSTAN, THE YEAR 1382

Ostan	Farming	Horticulture[1]	Greenhouse production	Raising of poultry	Raising of honeybee	Raising of large livestock	Raising of small livestock	Raising of silkworm
Total country	***2821560***	***2276452***	***8511***	***2185600***	***75182***	***1286476***	***1559001***	***46948***
East Azarbayejan.	184989	139145	85	131200	12943	98534	100610	527
West Azarbayejan	152057	91896	33	123108	5506	98669	67111	0
Ardebil	86850	55449	23	71525	2852	48156	38708	0
Esfahan	144732	109991	1423	77674	2606	55670	50107	21
Ilam	46777	11889	45	26902	842	14636	23824	0
Bushehr	22164	30521	11	26569	151	10692	24429	0
Tehran	29974	57654	1001	19071	1135	13040	11828	2
Chaharmahal & Bakhtiyari.....	46961	29729	37	35240	1349	28351	22028	0
South Khorasan...	34519	25951	19	25117	70	10990	35930	38
Khorasan-e-Razavi	284319	168553	206	174114	1396	79502	189702	5842
North Khorasan	60859	43086	12	41266	682	22989	40393	1421
Khuzestan	116655	50644	123	109374	778	88637	73567	0
Zanjan	62031	54874	39	50301	3781	32954	40624	5
Semnan.....	21991	21233	109	13193	316	7697	14942	17
Sistan & Baluchestan	69627	51407	173	83597	34	33445	134235	0
Fars	163090	130523	105	140887	5082	48586	94997	20
Qazvin	46900	60738	53	28436	1257	26523	23946	0
Qom	7125	9028	27	7004	150	4456	6005	0
Kordestan	87527	58967	27	57133	8083	51627	55737	0
Kerman.....	92099	183702	701	88475	1211	53338	95261	5
Kermanshah	110666	40487	48	62710	3165	42023	47240	1
Kohgiluyeh & Boyerahmad	45269	22834	15	38219	2346	19508	27652	0
Golestan	96968	70343	64	70504	2943	56370	39540	6646
Gilan.....	256736	234762	284	219196	4056	108765	16673	25667
Lorestan	109590	34120	53	73425	2084	46138	49672	0
Mazandaran	230948	206425	2394	213605	4092	67175	35458	6612
Markazi	60548	65018	597	37855	2064	36271	38823	0
Hormozgan	11984	62845	11	32688	22	26554	66962	0
Hamedan	93953	87616	50	69556	3326	45534	57945	0
Yazd	43654	67022	747	37657	863	9645	35052	125

1. Also includes holdings with no orchard but scattered trees.

Source: Statistical Centre of Iran.

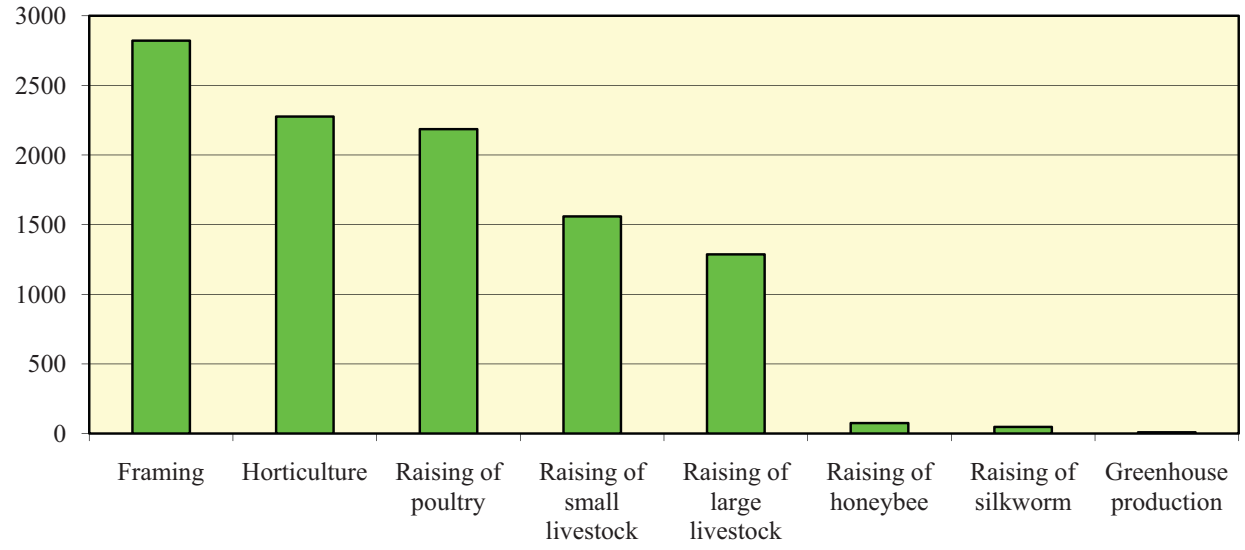
4. 4. AGRICULTURAL HOLDINGS OWNED BY NATURAL PERSONS BY LITERACY STATUS, EDUCATIONAL DEGREE AND AGE OF HOLDER, THE YEAR 1382

Age group of holder	Illiterate	Literate by educational degree.				
		Total	Primary and non-official	Lower and upper secondary	Agricultural associate degree and higher	Non-agricultural associate degree and higher
Total	***1961220***	***2363094***	***1489621***	***739435***	***34827***	***99212***
Under 15 years	153	1209	538	671	0	0
15-19 years	2003	16203	5468	10501	113	121
20-24 years	12358	90585	36981	49957	1422	2225
25-29 years	35705	234362	107965	113415	3906	9075
30-34 years	70688	330223	177033	131982	5656	15552
35-39 years	97706	338727	191284	126364	5465	15613
40-44 years	174153	378251	227612	126150	6254	18235
45-49 years	189331	308914	208121	80470	5008	15315
50-54 years	243119	236594	176232	46908	3338	10116
55-59 years	176504	127245	100861	20355	1389	4640
60-64 years	314311	127490	105797	16408	1171	4113
65-69 years	210383	71794	61576	7742	533	1943
70-74 years	242790	58573	51761	5080	347	1385
75-79 years	92194	23565	21163	1874	111	416
80 years and over	99823	19360	17229	1556	113	462

Source: Statistical Centre of Iran.

4.1 AGRICULTURAL HOLDINGS BY TYPES OF ACTIVITY, THE YEAR 1382

Thousand holdings



For data see Table 4.3.

4.5. AGRICULTURAL HOLDINGS OWNED BY NATURAL PERSONS BY LITERACY STATUS, EDUCATIONAL DEGREE OF HOLDER AND OSTAN, THE YEAR 1382

Ostan	Illiterate	Literate by educational degree				
		Total	Primary and non-official	Lower and upper secondary	Agricultural associate degree and higher	Non-agricultural associate degree and higher
Total country	***1961220***	***2363095***	***1489621***	***739435***	***34827***	***99212***
East Azarbayejan	121845	122574	89172	28344	1226	3832
West Azarbayejan	110583	97499	64168	29352	1351	2629
Ardebil	57002	54422	38073	14028	735	1585
Esfahan	76764	124776	83070	35232	1732	4742
Ilam	29519	28717	17846	8935	578	1358
Bushehr	20425	27338	15986	9566	540	1247
Tehran	21146	63705	31670	23959	1616	6460
Chaharmahal & Bakhtiyari	31707	34000	23369	8864	524	1243
South Khorasan	25127	26655	19524	5692	221	1218
Khorasan-e-Razavi	162316	234215	173391	51332	2617	6874
North Khorasan	39226	43657	32336	9948	471	901
Khuzestan	106571	84984	53393	28292	1250	2050
Zanjan	39617	45780	35572	8781	346	1081
Semnan	14487	24185	15049	7774	361	1001
Sistan & Baluchestan	111851	57800	34216	21297	939	1348
Fars	108087	168368	102233	56395	2536	7204
Qazvin	31332	49215	33494	13401	517	1803
Qom	6707	9878	6670	2640	145	422
Kordestan	65186	47324	35527	10640	454	703
Kerman	124781	133308	76816	46862	2960	6671
Kermanshah	72788	70073	44658	22298	1010	2107
Kohgiluyeh & Boyerahmad	30166	30343	14677	12143	640	2883
Golestan	55671	84127	46544	32032	1331	4221
Gilan	124592	192161	97611	83402	2816	8332
Lorestan	68857	61795	39421	19305	803	2266
Mazandaran	119180	216908	102557	92145	4559	17647
Markazi	39876	51430	37532	12125	518	1256
Hormozgan	51246	45126	31863	11889	539	835
Hamedan	63798	78818	58338	18333	714	1433
Yazd	30764	53915	34847	14431	776	3861

Source: Statistical Centre of Iran.

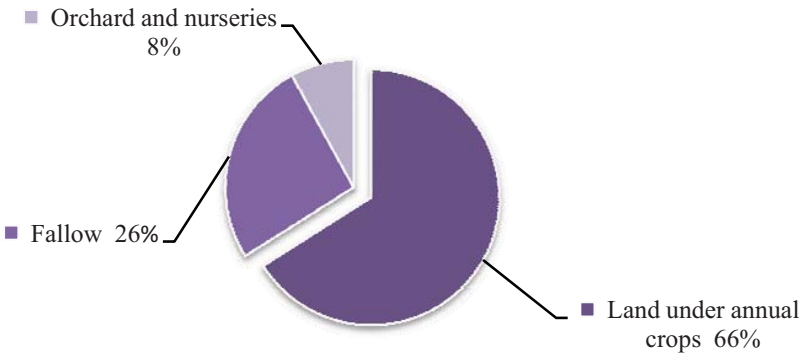
4. 6. AGRICULTURAL LANDS AREA ON HOLDINGS WITH CROPLAND BY SIZE, THE YEAR 1382

(ha)

Size of agricultural lands	Total		Land under annual crops		Fallow		Orchards and nurseries	
	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area
Total	***3480729***	***17665198***	***2639486***	***11647027***	***998312***	***4550142***	***1651046***	***1468034***
Total< 1 ha	1205032	407070	640707	215127	126663	28425	729242	163519
< 1.o ha	226385	9889	65073	2145	15621	665	163492	7079
0.1 - < 0.2 ha	183226	23398	71903	7755	15907	1378	124046	14266
0.2 - < 0.5 ha	402383	121845	232139	60170	41968	7578	230419	54097
0.5 - < 1 ha	393039	251938	271592	145057	53167	18804	211285	88077
Total of 1- < 5 ha	1319962	3032220	1094825	2077276	353153	458891	559388	496052
1 - < 2 ha	522956	655129	401264	418448	96816	67057	247720	169623
2 - < 3 ha	355372	781006	298617	535538	95209	109863	143436	135606
3 - < 4 ha	247480	787403	218447	552111	83916	129313	97051	105979
4 - < 5 ha	194153	808682	176497	571179	77212	152659	71182	84844
Total of 5 - < 20 ha	786336	7019167	741240	4847848	406597	1706752	297119	464570
5 - < 7.5 ha	349641	2044905	324815	1448295	158624	426577	127178	170033
7.5 - < 10 ha	141515	1185987	134524	823396	75658	275646	58335	86948
10 - < 15 ha	208602	2373210	198636	1625566	118493	610697	77216	136947
15 - < 20 ha	86577	1415065	83264	950591	53822	393832	34390	70642
Total of 20 - < 50 ha	135649	3736337	130479	2437965	88355	1139218	51958	159157
20 - < 25 ha	61112	1293279	58649	860538	38323	376598	22271	56146
25 - < 35 ha	48499	1395512	46749	907338	32122	428943	19210	59231
35 - < 50 ha	26038	1047547	25081	670089	17910	333677	10476	43780
Total of 50 ha and over	33750	3470405	32235	2068811	23543	1216857	13339	184737
50 - < 100 ha	24576	1547657	23541	966611	16884	514306	9513	66740
100 - < 200 ha	6723	836590	6390	501513	4792	291370	2723	43707
200 - < 500 ha	2021	544556	1906	301703	1531	213667	861	29186
500 - < 1000 ha	312	196293	289	97152	247	82119	173	17022
1000 - < 2000 ha	73	91779	69	39150	60	41794	41	10836
2000 ha and over	45	253529	39	162683	29	73601	27	17246

Source: Statistical Centre of Iran.

4. 2. LAND USE ON AGRICULTURAL HOLDING WITH CROPLAND, THE YEAR 1382



For data see Table 4. 6.

4. 7. AGRICULTURAL LANDS AREA ON HOLDINGS WITH CROPLAND BY OSTAN, THE YEAR 1382

(ha)

Ostan	Total		Land under annual crops		Fallow		Orchards and nurseries	
	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area
Total country	***3480729***	***17665198***	***2639486***	***11647027***	***998312***	***4550142***	***1651046***	***1468034***
East Azarbayejan	218244	1319713	168581	797932	99600	445654	105563	76127
West Azarbayejan	170117	887187	143151	687437	33786	123645	71440	76106
Ardebil	91855	731167	82456	515619	37682	190663	23429	24888
Esfahan	174120	423858	132261	226336	69158	154651	82976	42871
Ilam	47604	322655	44921	248648	11993	69409	4861	4598
Bushehr	31890	348641	20199	261217	7063	61720	18310	25704
Tehran	73330	221256	27496	128602	8586	50675	53797	41979
Chaharmahal & Bakhtiyari	54586	194813	46337	134016	13583	44679	24277	16118
South Khorasan	37719	149653	29301	57425	25930	80451	19603	11777
Khorasan-e-Razavi	323300	2225941	269412	1380924	143059	726027	139199	118993
North Khorasan	69637	473669	57914	295484	27942	150908	35247	27277
Khuzestan	127411	1266123	112845	1135526	11829	103098	23670	27499
Zanjan	74402	737997	59140	424751	38127	280535	49133	32712
Semnan	32015	153826	20183	83219	11289	50380	18996	20228
Sistan & Baluchestan	82383	245328	45286	102738	47402	113841	24688	28749
Fars	205210	1254511	150890	781260	67230	329640	90604	143611
Qazvin	73290	413895	42231	211345	28119	155386	58023	47165
Qom	11289	80662	6007	42817	4838	29271	8130	8575
Kordestan	96850	940609	83826	621936	42916	297426	44127	21247
Kerman	210603	667633	72813	197369	53173	157609	178044	312655
Kermanshah	120827	751012	108474	661456	18664	68321	31393	21235
Kohgiluyeh & Boyerahmad	48764	157251	42833	115541	12735	30166	13029	11545
Golestan	99907	538967	96080	513314	2792	13382	10510	12271
Gilan	285683	253403	253743	188269	8301	10187	112819	54946
Lorestan	112059	768924	107756	649649	24827	99846	24032	19429
Mazandaran	286688	360657	224313	273471	14166	22337	137310	64849
Markazi	79112	670852	56811	327394	44290	308096	60853	35362
Hormozgan	49761	129147	9636	46427	5505	26948	45609	55772
Hamedan	120975	844580	89359	500169	57244	313981	81005	30430
Yazd	71099	131265	35230	36736	26483	41211	60367	53318

Source: Statistical Centre of Iran.

4.3. RATIO OF AGRICULTURAL LANDS AREA TO THE AREA OF OSTANS.1382

For Data See Tabel 4.1. & 4.7

4. 8. AGRICULTURAL LANDS AREA ON HOLDINGS WITH IRRIGATED CROPLAND BY OSTAN, THE YEAR 1382 (ha)

Ostan	Total		Land under annual crops		Fallow		Orchards and nurseries	
	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area
Total country	***2828646***	***8297031***	***1961023***	***5141157***	***619151***	***1873689***	***1450767***	***1282188***
East Azarbayejan	179631	378825	115006	240287	33047	62925	105281	75613
West Azarbayejan	141322	379541	109009	278774	13705	31473	66588	69294
Ardebil	60784	221725	47472	174331	8287	22585	23267	24812
Esfahan	173101	372699	130240	200297	66562	130013	82878	42389
Ilam	18333	76188	14745	64561	1659	7055	4845	4572
Bushehr	16668	70151	5696	35683	2382	11236	13385	23233
Tehran	73140	211912	27202	124037	8093	45910	53744	41964
Chaharmahal & Bakhtiyari	46076	107202	36259	67969	8920	23211	24227	16022
South Khorasan	35899	78756	26257	33772	20919	37555	19093	7428
Khorasan-e-Razavi	276689	1138514	218750	670876	109841	381920	127850	85718
North Khorasan	54374	197095	38214	118112	12274	59497	31686	19486
Khuzestan	77920	690764	61675	602858	6392	61387	23602	26519
Zanjan	64703	155194	43368	95456	11859	27509	47857	32229
Semnan	30074	131298	18199	65011	10644	46070	18989	20218
Sistan & Baluchestan	77012	225104	43714	99283	42945	101689	23974	24131
Fars	169408	890838	123156	552577	50844	228735	76170	109526
Qazvin	69486	249657	33389	130498	17792	72325	57604	46833
Qom	11252	78520	5937	41677	4769	28278	8127	8565
Kordestan	70660	127852	53455	97653	11275	15680	33496	14519
Kerman	210449	662305	72580	195794	52853	155421	177861	311091
Kermanshah	62727	161132	43168	121309	8550	20236	30421	19587
Kohgiluyeh & Boyerahmad	27155	37988	19584	23609	3423	4537	12734	9842
Golestan	52989	188484	49289	177641	987	2195	6489	8648
Gilan	223364	172851	211459	162582	695	595	18447	9674
Lorestan	68282	199113	59814	159470	10463	20478	23952	19165
Mazandaran	238372	231175	192511	185292	3471	3174	99865	42709
Markazi	75186	317791	49549	151180	33721	131883	59760	34728
Hormozgan	42655	118028	8646	44074	4511	23069	38875	50884
Hamedan	109856	296090	67665	190222	31902	76281	79339	29587
Yazd	71080	130238	35017	36271	26368	40764	60362	53203

Source: Statistical Centre of Iran.

4. 9. AGRICULTURAL LANDS AREA ON HOLDINGS WITH RAINFED CROPLAND BY OSTAN, THE YEAR 1382

Ostan	Total		Land under annual crops		Fallow		Orchards and nurseries	
	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area
Total country	***1515685***	***9368167***	***1266026***	***6505870***	***502908***	***2676453***	***232938***	***185846***
East Azarbayejan	115532	940888	100095	557645	80993	382728	699	514
West Azarbayejan	81704	507647	71647	408663	24309	92172	6174	6812
Ardebil	61617	509442	56223	341288	33119	168078	176	76
Esfahan	10734	51159	8304	26039	5880	24638	271	482
Ilam	41124	246467	38745	184087	10864	62354	20	25
Bushehr	19633	278489	16089	225534	5058	50484	4985	2471
Tehran	1493	9345	804	4568	830	4765	61	15
Chaharmahal & Bakhtiyari	28268	87611	26526	66047	7118	21468	111	96
South Khorasan	15203	70898	8253	23654	11367	42896	3950	4349
Khorasan-e-Razavi	132012	1087427	106251	710048	57600	344107	17945	33275
North Khorasan	42451	276573	36866	177372	19320	91411	5209	7791
Khuzestan	63686	575359	61498	532668	5804	41711	72	980
Zanjan	45174	582803	40154	329295	33961	253025	1825	483
Semnan	3055	22528	2833	18208	828	4310	10	10
Sistan & Baluchestan	6420	20225	1681	3455	4874	12152	765	4618
Fars	66842	363672	45589	228682	20229	100905	16790	34085
Qazvin	21677	164239	15392	80847	15296	83060	1192	331
Qom	345	2143	230	1140	248	993	11	10
Kordestan	79273	812758	68879	524283	37375	281747	15301	6728
Kerman	2053	5327	966	1575	1113	2188	519	1564
Kermanshah	98806	589879	95400	540147	11579	48085	2493	1648
Kohgiluyeh & Boyerahmad	35707	119263	32621	91932	10296	25628	442	1703
Golestan	62640	350483	60632	335673	1875	11187	4110	3623
Gilan	192059	80551	143843	25687	7726	9592	96119	45272
Lorestan	91723	569811	88325	490179	19573	79368	173	265
Mazandaran	100554	129483	61121	88178	11136	19163	42032	22141
Markazi	29036	353061	24211	176214	22248	176213	1862	634
Hormozgan	8166	11120	1133	2353	1154	3879	6927	4888
Hamedan	58188	548490	51381	309947	40900	237700	2579	843
Yazd	509	1027	332	465	237	447	117	115

Source: Statistical Centre of Iran.

4. 10. NUMBER, AREA UNDER CULTIVATION AND PRODUCTION OF ANNUAL CROPS OF AGRICULTURAL HOLDINGS IN OPEN AIR BY CROP, THE YEAR 1382 (ha; ton)

Crop	Total			Irrigated			Rainfed		
	Number of holdings	Area	Production	Number of holdings	Area	Production	Number of holdings	Area	Production
Wheat	1660970	6941286	11676252	957585	2427916	7511968	915574	4513370	4164284
Barley	860964	1817572	2631691	447891	606165	1624515	453163	1211407	1007176
Rice (paddy)	517272	465453	1819990	517272	465453	1819990	0	0	0
Grain corn	66280	178606	1232993	57240	177918	1231665	9061	688	1327
Sugar beets	107440	199298	5729105	107440	199298	5729105	0	0	0
Cotton (unginned)	76903	118853	264465	67901	109575	253453	9244	9278	11012
Saffron[1]	105743	42452	157829	105705	42431	157793	41	21	35
Beans, dry	181114	88155	154791	116128	84296	150794	65041	3859	3997
Peas, dry	217007	458861	196675	24317	14407	12869	194582	444454	183806
Lentils	125021	154494	75210	21079	9080	7813	104719	145414	67397
Broad beans, dry	70345	9573	19759	17293	7398	15159	53058	2176	4600
Vetch	14831	16167	11661	12587	12514	10201	2275	3652	1460
Rapeseed	22336	48000	76430	7294	17557	31205	15184	30442	45225
Sunflower oil seed	15477	33103	37448	10371	17239	25777	5266	15863	11671
Watermelons	75601	98529	1210630	52075	73585	1127617	23779	24944	83013
Cucumber	167185	46555	677442	95593	45825	672313	71602	730	5129
Cantaloupes and other melons	55112	76102	819175	47586	71804	810074	7610	4297	9101
Alfalfa and sainfoin, dry	544339	550119	2933710	529564	498978	2845170	25442	51142	88540
Clover, dry	67768	31410	137775	59220	25811	115475	8595	5599	22299
Forage corn	32567	65444	2422988	29441	62408	2392456	3131	3035	30532
Potatoes	162560	116694	2392264	138619	114248	2378418	23984	2445	13845
Onions	108816	34161	799461	90538	33228	793428	18286	933	6033
Tomatoes	240608	101654	2487537	181398	100249	2473946	59229	1406	13590
Garlic, dry	74541	4136	29625	15408	3147	28070	59134	990	1556
Carrots, radishes, turnips and sweet beets	100403	9697	250430	43032	9259	245953	57374	438	4477

4. 10. NUMBER, AREA UNDER CULTIVATION AND PRODUCTION OF ANNUAL CROPS OF AGRICULTURAL HOLDINGS IN OPEN AIR BY CROP, THE YEAR 1382 (continued)

(ha; ton)

Crop	Total			Irrigated			Rainfed		
	Number of holdings	Area	Production	Number of holdings	Area	Production	Number of holdings	Area	Production
Other vegetables[2]	240325	54852	1077530	101723	49726	1028098	138715	5127	49432
Tobacco	8547	5763	6724	4685	3324	4031	3867	2439	2693
Tobacco leaves	6759	3181	6014	6752	3179	6013	7	2	1
Annual ornamentals	3823	903	-	2381	867	-	1443	36	-
Millet	10022	6681	13798	9093	5877	13275	930	804	522
Peanut	3323	1337	3587	280	244	764	3044	1093	2841
Caraway	26728	52320	15909	19135	32238	12843	8051	20081	3066
Henna	3579	4011	7730	3577	4010	7730	2	Ø	Ø
Madder	974	293	995	973	292	995	1	Ø	Ø
Sunflower grown for edible seeds	32391	30279	46175	29906	29007	45615	2526	1272	560
Watermelon grown for edible seeds	20182	52666	9370	7477	13529	4543	13176	39137	4827
Pumpkins grown for edible seeds	11202	15550	5930	10197	14525	5309	1012	1025	621
Hemp	538	158	107	530	151	104	8	7	3
Fennel-flower	2850	4221	2684	606	528	695	2254	3693	1989
Seed watermelon	828	1532	578	595	782	434	264	750	145
Seed alfalfa	536	786	519	516	706	493	20	79	26
Seed onion	252	55	43	194	54	42	58	2	1
Seed coriander	2707	2309	4197	2699	2304	4192	9	5	5
Soybeans	28624	54319	109634	14392	38160	83366	14387	16159	26268
Fodder beets	10144	1214	23873	10142	1214	23863	2	Ø	Ø
Seed sugar beets	1551	2268	3485	1551	2268	3485	0	0	0

1. Production unit: kilograms.

2. Includes eggplant, pumpkins, squash, gourds, garden peas, green beans, lettuce, cabbages, celery, spinach, parsley, coriander, garden-cress, leek, basil, peppermint, tarragon, trigonella, savory, asparagus, garlic (green), scallion, okra, pepper, garden radish, dill, endive, artichoke, etc.

Source: Statistical Centre of Iran.

4. 11. AREA UNDER CULTIVATION, PRODUCTION AND YIELD OF WHEAT IN OPEN AIR BY OSTAN, THE YEAR 1382

Ostan	Area under cultivation (ha)			Production (ton)			Yield per hectare (kg)		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	***6941286***	***2427916***	***4513370***	***11676252***	***7511968***	***4164284***	***1682***	***3094***	***923***
East Azarbayejan	459820	98967	360854	544397	233331	311067	1184	2358	862
West Azarbayejan	403395	130814	272580	641388	341788	299600	1590	2613	1099
Ardebil	313445	77449	235995	494409	257090	237319	1577	3319	1006
Esfahan	97263	78546	18717	348123	331358	16765	3579	4219	896
Ilam	161210	56629	104581	164599	114529	50070	1021	2022	479
Bushehr	213497	19283	194215	62387	34875	27512	292	1809	142
Tehran	45303	42605	2698	193856	190143	3713	4279	4463	1376
Chaharmahal & Bakhtiyari	73730	28737	44992	160205	93080	67125	2173	3239	1492
South Khorasan	31996	13536	18460	27716	24958	2758	866	1844	149
Khorasan-e-Razavi	788876	268416	520460	1158971	836714	322257	1469	3117	619
North Khorasan	178035	65269	112766	299967	173628	126339	1685	2660	1120
Khuzestan	832482	441171	391310	1140754	1047206	93548	1370	2374	239
Zanjan	285075	22109	262965	259887	57741	202146	912	2612	769
Semnan	34774	27387	7387	105921	97806	8115	3046	3571	1099
Sistan & Baluchestan	27828	27585	242	51342	51201	141	1845	1856	583
Fars	483999	371499	112500	1698908	1603614	95294	3510	4317	847
Qazvin	106518	55589	50929	235778	204331	31447	2214	3676	617
Qom	12577	11585	992	45003	44487	516	3578	3840	520
Kordestan	459128	43754	415374	538302	119023	419279	1172	2720	1009
Kerman	89965	89596	369	239066	238727	339	2657	2664	919
Kermanshah	413185	85252	327933	646744	291247	355498	1565	3416	1084
Kohgiluyeh & Boyerahmad	67013	12427	54586	78077	25720	52357	1165	2070	959
Golestan	345765	87099	258667	937080	268871	668208	2710	3087	2583
Gilan	9420	320	9100	10207	615	9592	1084	1922	1054
Lorestan	353572	96696	256876	515673	241953	273720	1458	2502	1066
Mazandaran	48323	1745	46577	102780	3266	99514	2127	1872	2137
Markazi	228327	63675	164652	329467	201651	127816	1443	3167	776
Hormozgan	13273	12783	490	46811	46490	321	3527	3637	655
Hamedan	343763	77673	266089	530713	268808	261905	1544	3461	984
Yazd	19730	19717	13	67722	67717	4	3432	3434	308

Source: Statistical Centre of Iran.

4. 12. AREA UNDER CULTIVATION, PRODUCTION AND YIELD OF BARLEY IN OPEN AIR BY OSTAN, THE YEAR 1382

Ostan	Area under cultivation (ha)			Production (ton)			Yield per hectare (kg)		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	***1817572***	***606165***	***1211407***	***2631691***	***1624515***	***1007176***	***1448***	***2680***	***831***
East Azarbayejan	104352	27215	77137	110591	51554	59038	1060	1894	765
West Azarbayejan	59407	19265	40142	82720	42571	40150	1392	2210	1000
Ardebil	73654	21019	52635	88353	38859	49494	1200	1849	940
Esfahan	45100	39375	5724	152323	148431	3892	3377	3770	680
Ilam	72074	2460	69615	46323	2536	43787	643	1031	629
Bushehr	34119	1383	32736	8206	1579	6628	241	1142	202
Tehran	39933	38646	1286	149123	147529	1594	3734	3817	1240
Chaharmahal & Bakhtiyari	26182	6834	19348	48289	19438	28851	1844	2844	1491
South Khorasan	7199	5454	1745	10043	9792	251	1395	1795	144
Khorasan-e-Razavi	243191	135828	107363	420996	361455	59541	1731	2661	555
North Khorasan	54096	25091	29005	96049	63421	32628	1776	2528	1125
Khuzestan	171684	29979	141706	108434	45775	62658	632	1527	442
Zanjan	49539	10270	39270	47065	21882	25183	950	2131	641
Semnan	16694	13659	3035	49292	46288	3004	2953	3389	990
Sistan & Baluchestan	10980	10901	79	14662	14597	64	1335	1339	810
Fars	153226	43876	109349	206973	123403	83571	1351	2813	764
Qazvin	32136	21000	11137	76045	70287	5758	2366	3347	517
Qom	17593	17538	55	56699	56642	57	3223	3230	1036
Kordestan	31992	6842	25150	36167	13935	22232	1131	2037	884
Kerman	26644	25627	1018	53255	52521	735	1999	2049	722
Kermanshah	102652	7742	94910	115974	20000	95973	1130	2583	1011
Kohgiluyeh & Boyerahmad	37627	2427	35200	37441	3980	33461	995	1640	951
Golestan	79831	6397	73434	138159	13546	124613	1731	2118	1697
Gilan	5309	237	5072	5513	431	5083	1038	1819	1002
Lorestan	192423	12259	180164	183974	23275	160699	956	1899	892
Mazandaran	24650	2217	22433	29469	3610	25860	1195	1628	1153
Markazi	37784	34944	2840	108671	106666	2005	2876	3052	706
Hormozgan	3514	1725	1789	4519	3711	808	1286	2151	452
Hamedan	59277	31253	28024	134268	104710	29558	2265	3350	1055
Yazd	4708	4702	6	12095	12094	1	2569	2572	167

Source: Statistical Centre of Iran.

4. 13. AREA UNDER CULTIVATION, PRODUCTION AND YIELD OF RICE (PADDY) IN OPEN AIR BY OSTAN, THE YEAR 1382

Ostan	Area under cultivation (ha)			Production (ton)			Yield per hectare (kg)		
	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed
Total country	***465453***	***465453***	***0***	***1819990***	***1819990***	***0***	***3910***	***3910***	***0***
East Azarbayejan	1610	1610	0	5190	5190	0	3224	3224	0
West Azarbayejan	162	162	0	684	684	0	4222	4222	0
Ardebil	589	589	0	1445	1445	0	2453	2453	0
Esfahan	13850	13850	0	74258	74258	0	5362	5362	0
Ilam	1863	1863	0	4198	4198	0	2253	2253	0
Bushehr	0	0	0	0	0	0	0	0	0
Tehran	86	86	0	363	363	0	4221	4221	0
Chaharmahal & akhtiyari	2628	2628	0	10256	10256	0	3903	3903	0
South Khorasan	0	0	0	0	0	0	0	0	0
Khorasan-e-Razavi	1341	1341	0	4769	4769	0	3556	3556	0
North Khorasan	365	365	0	1190	1190	0	3260	3260	0
Khuzestan	23839	23839	0	68214	68214	0	2861	2861	0
Zanjan	2507	2507	0	8260	8260	0	3295	3295	0
Semnan	Ø	Ø	0	Ø	Ø	0	Ø	Ø	0
Sistan & Baluchestan	659	659	0	2042	2042	0	3099	3099	0
Fars	40558	40558	0	185232	185232	0	4567	4567	0
Qazvin	1346	1346	0	3953	3953	0	2937	2937	0
Qom	0	0	0	0	0	0	0	0	0
Kordestan	21	21	0	92	92	0	4381	4381	0
Kerman	6	6	0	20	20	0	3333	3333	0
Kermanshah	1012	1012	0	2601	2601	0	2570	2570	0
Kohgiluyeh & Boyerahmad	5982	5982	0	23523	23523	0	3932	3932	0
Golestan	37735	37735	0	143633	143633	0	3806	3806	0
Gilan	160099	160099	0	553327	553327	0	3456	3456	0
Lorestan	3865	3865	0	11254	11254	0	2912	2912	0
Mazandaran	165301	165301	0	715376	715376	0	4328	4328	0
Markazi	5	5	0	8	8	0	1600	1600	0
Hormozgan	0	0	0	0	0	0	0	0	0
Hamedan	13	13	0	49	49	0	3769	3769	0
Yazd	11	11	0	40	40	0	3636	3636	0

Source: Statistical Centre of Iran.

4. 14. NUMBER OF HOLDINGS, PLANTED AREA OF SINGLE CROPS, NUMBER OF TREES AND PRODUCTION OF PERMANENT CROPS IN OPEN AIR BY CROP, THE YEAR 1382

(ha; 1000 sapling; ton)

Crop	Total		Single cropping				
	Number of holdings	Production	Number of holdings	Planted area	Number of trees		Production
					Productive	Sapling	
Apples	508254	1147386	104909	98999	19400	12333	915228
Pears	206849	75975	3226	2660	858	220	23912
Quinces	152616	23243	1872	1244	454	224	7104
Cherries and sour cherries	238351	79854	21491	8667	3709	1220	28001
Apricots	366203	136551	28769	13264	3113	1775	42047
Peaches and nectarines	183091	210523	13194	13622	4666	3498	90441
Plums	303582	89517	18037	5691	2143	779	24749
Irrigated figs	171889	26041	3030	1576	435	136	9100
Ranifed figs	140871	15444	4990	10010	2181	347	10098
Oranges	344352	735106	81732	44895	10636	4105	466380
Tangerines	147348	270526	17502	10002	2782	435	132991
Sweet lemons	63131	93520	2931	4946	808	571	43758
Limes (dried limes)	77717	154262	13687	18640	1624	1894	73304
Grapefruits	3755	8310	82	394	94	12	6596
Other types of citrus fruit[(1)]	116460	24899	884	751	190	127	5750
Bananas	9543	51156	1113	3353	2223	1202	50352
Kiwis	23547	53346	15351	3774	1303	482	51813
Olives	29717	27087	11271	23288	1569	5336	24721
Pomegranates	338980	381587	77312	33173	18999	2770	292187
Dates	265205	507852	118998	123615	15525	5854	371719
Irrigated almonds	257977	62686	56749	44199	13507	8018	35279
Rainfed almonds	35902	4264	21630	37534	6472	6680	2952
Walnuts	705301	133210	95540	54468	4392	6828	46861
Hazelnuts	37985	6917	12567	7763	2526	743	5794
Pistachios	138805	307036	125323	298939	220551	87150	306192
Irrigated grapes	651374	1334498	415511	158172	164641	17409	1269830
Rainfed grapes	128268	81282	48140	35565	23321	3734	74039
Strawberries	12134	12376	6707	1415	-	-	10910

4. 14. NUMBER OF HOLDINGS, PLANTED AREA OF SINGLE CROPS, NUMBER OF TREES AND PRODUCTION OF PERMANENT CROPS IN OPEN AIR BY CROP, THE YEAR 1382 (continued)

(ha; 1000 sapling; ton)

Crop	Mixed cropping				Scattered trees			
	Number of holdings	Number of trees		Production	Number of holdings	Number of trees		Production
		Productive	Sapling			Productive	Sapling	
Apples	197720	8249	4353	210138	210548	911	544	22020
Pears	102689	1897	622	44531	101374	310	100	7532
Quinces	63870	729	326	11551	87162	280	86	4587
Cherries and sour cherries	131477	6140	2198	45266	87706	862	327	6588
Apricots	176587	4314	1989	76102	163177	953	413	18402
Peaches and nectarines	85186	6052	4589	111665	86086	405	459	8416
Plums	118407	3319	1289	52533	168399	844	295	12235
Irrigated figs	54601	576	152	9257	114641	395	80	7684
Ranifed figs	13361	176	27	1812	122594	197	43	3534
Oranges	88192	5865	1715	212528	179240	1561	308	56198
Tangerines	53851	2863	387	122236	77011	412	54	15299
Sweet lemons	21400	1074	254	46838	38908	84	23	2924
Limes (dried limes)	34581	1967	1048	77314	30188	101	90	3645
Grapefruits	1837	30	9	1464	1841	6	1	250
Other types of citrus fruit [1]	18302	214	130	8094	97457	324	137	11055
Bananas	1816	51	27	712	6620	7	13	92
Kiwis	1573	20	6	776	6696	25	9	757
Olives	5646	143	831	1702	13824	33	173	663
Pomegranates	89371	3773	567	73160	175061	1205	216	16240
Dates	43084	3613	937	93611	120098	2676	741	42522
Irrigated almonds	95696	4370	2594	20073	109539	1984	1004	7334
Rainfed almonds	4062	741	261	742	10405	382	278	570
Walnuts	244542	4226	4574	56899	376252	1825	2027	29451
Hazelnuts	13427	859	102	899	12175	49	31	224
Pistachios	4944	225	633	728	9086	50	168	116
Irrigated grapes	109794	7151	1474	52474	134452	1153	225	12193
Rainfed grapes	10034	941	182	3518	70217	180	40	3725
Strawberries	3906	-	-	1408	1540	-	-	58

4. 14. NUMBER OF HOLDINGS, PLANTED AREA OF SINGLE CROPS, NUMBER OF TREES AND PRODUCTION OF PERMANENT CROPS IN OPEN AIR BY CROP, THE YEAR 1382 (continued)

(ha; 1000 sapling; ton)

Crop	Total		Single cropping				
	Number of holdings	Production	Number of holdings	Planted area	Number of trees		Production
					Productive	Sapling	
Tea	41442	150483	41435	21378	-	-	150479
Types of berries and black mulberries	170913	14035	1249	689	283	67	1866
Silkworm mulberries	94920	-	20257	5907	36427	1899	-
Damask roses	50672	6348	6447	2909	-	-	4284
Poplars [2, 3]	460611	19779	83480	41378	42806	65078	13254
Productive trees nursery [3]	6623	10225	3831	1178	-	-	5079
Non-productive trees nursery [3]	2479	2586	1697	1102	-	-	1730
Permanent ornamentals	26929	-	1972	707	-	-	-
Persimmons	19747	6251	268	125	43	16	1115
Chestnuts	1210	514	59	17	5	11	172
Oleasters	18586	2114	285	105	27	8	274
Sumach	2907	359	948	646	-	-	249
Hawthorn	2781	472	109	14	6	..	65
Berberries	18967	6455	15108	5048	-	-	6205
Cornelian cherries	3503	1860	460	132	61	13	632
Jujubes	8372	471	432	102	22	36	87
Mangos	7779	3526	204	138	8	14	528
Papayas	36	3	0	0	0	0	0
Lotus trees	16656	1662	59	54	11	71	120
Medlars	37149	4429	626	226	109	9	1842

4. 14. NUMBER OF HOLDINGS, PLANTED AREA OF SINGLE CROPS, NUMBER OF TREES AND PRODUCTION OF PERMANENT CROPS IN OPEN AIR BY CROP, THE YEAR 1382 (continued)

(ha; 1000 sapling; ton)

Crop	Mixed cropping				Scattered trees			
	Number of holdings	Number of trees		Production	Number of trees Production	Number of trees		Production
		Productive	Sapling			Productive	Sapling	
Tea	10	-	-	4	1	-	-	Ø
Types of berries and black mulberries	56404	373	234	6510	113782	336	188	5659
Silkworm mulberries	10767	623	117	-	65809	3205	338	-
Damask roses	32208	-	-	1952	12103	-	-	112
Poplars [2, 3]	63181	4871	4320	2269	324583	10538	15360	4256
Productive trees nursery[3]	2660	-	-	5138	154	-	-	8
Non-productive trees nursery [3]	488	-	-	854	298	-	-	2
Permanent ornamentals	13211	-	-	-	11775	-	-	-
Persimmons	6925	125	30	4135	12585	29	13	1001
Chestnuts	172	4	2	74	981	11	5	268
Oleasters	5394	60	135	529	12971	171	85	1311
Sumach	1858	-	-	107	113			3
Hawthorn	1133	18	1	181	1549	16	1	226
Berberries	3037	-	-	227	971			23
Cornelian cherries	2470	122	23	1161	607	7	2	67
Jujubes	2322	28	14	207	5711	29	14	178
Mangos	3720	43	21	2494	3888	10	10	504
Papayas	29	//	2	2	7	//	1	//
Lotus trees	1108	40	8	481	15504	33	14	1062
Medlars	5099	64	15	1170	31509	66	23	1417

1. Including sour orange, pummelo, cedrate, Bengal quince.

2. Including poplars, white poplar, black poplar, willows, etc.

3. Production unit: 1000 sapling.

Source: Statistical Centre of Iran.

4. 15. NUMBER OF HOLDINGS AND PRODUCTION OF SELECTED PERMANENT CROPS IN OPEN AIR BY OSTAN, THE YEAR 1382 (ton)

Ostan	Irrigated grapes		Apples		Oranges	
	Number of holdings	Production	Number of holdings	Production	Number of holdings	Production
Total country	***651374***	***1334498***	***508254***	***1147386***	***344352***	***735106***
East Azarbayejan	46945	133543	72270	169365	0	0
West Azarbayejan	31605	122508	47959	458258	0	0
Ardebil	7945	1996	28939	24723	84	//
Esfahan	51719	37522	28648	131669	92	1
Ilam	3390	673	1205	112	793	32
Bushehr	222	14	16	1	1484	312
Tehran	18381	50721	31933	110614	50	//
Chaharmahal & Bakhtiyari	13933	26318	4881	5105	45	//
South Khorasan	5683	1380	3502	154	3	0
Khorasan-e-Razavi	74634	188771	35325	55941	38	//
North Khorasan	24926	25224	11257	8334	1	Ø
Khuzestan	3221	1731	682	270	3170	12359
Zanjan	36074	101016	18628	34526	618	22
Semnan	9888	22000	5181	3031	8	1
Sistan & Baluchestan	4219	2388	1944	528	6393	3139
Fars	32020	107810	17576	47354	19206	98607
Qazvin	45558	178007	11934	17517	55	4
Qom	3506	5919	2109	427	8	0
Kordestan	20745	20447	18445	5915	16	0
Kerman	11634	4503	8375	14200	27425	153274
Kermanshah	17251	28722	7609	6051	810	41
Kohgiluyeh & Boyerahmad	8516	11761	6908	11598	2130	143
Golestan	10642	431	5449	112	21971	11940
Gilan	2181	357	60811	2496	98326	58466
Lorestan	11307	18402	6936	9772	611	17
Mazandaran	10805	502	20334	5396	145142	381624
Markazi	52114	107356	16713	7416	8	//
Hormozgan	2304	293	950	95	14454	14887
Hamedan	66824	120464	20136	15371	0	0
Yazd	23182	13716	11597	1034	1411	237

Source: Statistical Centre of Iran.

4. 16. AREA OF GREENHOUSES ON AGRICULTURAL HOLDINGS BY OSTAN, THE YEAR 1382

(ha)

Ostan	Number of holdings	Area of greenhouses
Total country	***8509***	***2420***
East Azarbayejan	85	11
West Azarbayejan	33	5
Ardebil	23	6
Esfahan	1423	444
Ilam	45	10
Bushehr	11	3
Tehran	1001	497
Chaharmahal & Bakhtiyari	37	6
South Khorasan	19	2
Khorasan-e-Razavi	206	27
North Khorasan	12	1
Khuzestan	123	119
Zanjan	39	8
Semnan	109	25
Sistan & Baluchestan	173	42
Fars	105	35
Qazvin	53	13
Qom	27	6
Kordestan	27	3
Kerman	701	482
Kermanshah	48	12
Kohgiluyeh & Boyerahmad	13	3
Golestan	64	9
Gilan	284	33
Lorestan	53	5
Mazandaran	2394	226
Markazi	597	183
Hormozgan	11	14
Hamedan	50	9
Yazd	747	181

Source: Statistical Centre of Iran.

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

Regional water organizations and irrigation and drainage networks	Water supply resource	Reservoir	Area of cultivated	Volume of water used[1]
1380	××	××	778694	7464
1386-87[2]	××	××	722642	9667
1387-88	××	××	738009	7657
1388-89	××	××	747074	10507
1389-90	××	××	702119	11864.3
1390-91	***××***	***××***	***1602440***	***14412***
East Azarbayejan	××	××	***16375***	***53. 29***
Sufichay	Sufichay	Alaviyan	6865	27. 03
Sattarkhan	Aharchay	Aharchay	7000	22. 83
Bonab-e- Marand	Bonab	-	710	0
Zonooz-e chukhorzamee	Zonooz	Zonooz	1800	3. 43
West Azarbayejan	××	××	***112628***	***744. 65***
Dasht-e-Shiblu	Aras	-	2200	30. 30
Dasht-e-Zanganeh	Gharasu	-	4200	5. 97
Zarrinehrud (Miyandoab)	Zarrinehrud	Bukan	58171	473. 96
Mahabad	Mahabad	Mahabad	18200	127. 42
Qanbar Kandi	Aras	××	1900	14. 30
Hasanlu	Hasanlu	Hasanlu	13960	34. 91
Poldasht	Payab-e -Zangemar	Makoo	13997	57. 79
Ardebil	××	××	***83580***	***1351. 97***
Quri chay	Aghchay & Geruchay	Qurichay	2200	8. 05
Moghan	Aras	Aras	72000	1318. 38
Ardebil	Balkhichay	Yamchee	9000	22. 90
Saghezchee	Sarab-e- Ghare Sue	-	380	2. 64
Esfahan	××	××	***216800***	***321. 77***
Abshar	Zayandehrud	Zayandehrud	28000	98. 52
Borkhar(esfahan)	Zayandehrud	Zayandehrud	45000	0. 15
Rudashtin	Zayandehrud	Zayandehrud	40000	133. 18
Karvan (Khamiran)	Morghab	Khamiran	9000	7. 63
Mahyar	Zayandehrud	Zayandehrud	15300	0
Nekuabad	Zayandehrud	Zayandehrud	65000	37. 39
Golpayegan	Golpayegan	Golpayegan	6500	31. 24
Hanna	Hanna	Hanna	8000	13. 66
Alborz	××	××	***13000***	***14. 31***
Kordan	Kordan	-	13000	14. 31
Ilam	××	××	***38223***	***155. 71***
Konjancham (Mehran)	Konjancham	Ilam	3500	22. 11
Holilan	Seymareh	-	1893	9. 57
Doviraj 1 & 2	Doviraj1&3	Doviraj	7000	10. 46
Amirabad	Konjancham	Karkheh	930	1. 50
Dasht-e-Abbas	Karkheh	Ilam	16450	98. 09
Meymeh	Meymeh	-	2480	7. 03
Mulab	Mulab.	-	2450	5. 91
Pahle va Parchineh	Pahle	-	700	1. 04
Saleh Abad	××	××	2820	0
Bushehr	××	××	***23900***	***319. 15***
Ahram	Ahram	Ahram	1500	7. 00
Dalaki	Dalki	Dalki	8400	137. 18
Abikhsh (former Shabankareh)	Kelel	Raeesali Delvari	12000	159. 92
Kelel	Kelel	××	2000	15. 05

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

Regional water organizations and irrigation and drainage networks	Water supply resource	Reservoir	Area of cultivated	Volume of water entered the network(1)
Tehran	××	××	***90900***	***331. 76***
Varamin	Jajrud	Latiyan	59300	206. 03
Karaj.....	Karaj	Karaj	2300	76/75
Robat Karim.....	Robat karim	-	8600	48. 98
Chaharmahal & Bakhtiyari	××	××	***11534***	***20. 90***
Ardal	KiyarvaJonqan	××	1134	3. 25
Jonaqan	BabrGhar	××	2200	6. 61
Gandoman & Boldaji	Chaghakhor	Chaghakhor	7000	10. 49
Dasht-e Bar Aftab-e- Kalbali Koshteh	××	××	1200	0. 55
South Khorasan	××	××	***1152***	***0***
Shahid Parsa	Zow	Shahid Parsa	600	0
Farokhee.....	××	Farokhee	552	0
Khorasan-e-Razavi	××	××	***33576***	***302. 22***
Shahid Yaqubi	Kal Salar	Shahid Yaqubi	5900	0. 90
Shahid Dehqan.....	Eshtivan	Shahid Dehqan	965	2. 84
Tabarakabad.....	Tabarakabad	-	1816	9. 01
Sangard.....	Sangard	-	1312	6. 03
Kamayestan....	Kamayestan	Kamayestan	800	1. 96
Fariman.....	Fariman	Fariman	750	7. 79
Doostee	Doostee	Doostee	21000	265. 4
Zavin	Zavin	Zavin	300	1. 26
Sedeh.....	Sedeh	××	733	7. 03
North Khorasan	××	××	***18818***	***39. 69***
Shirvan.....	Ghalejoq	Shirvan	5608	16
Chery.....	Chery	Chery	780	1. 65
Esfarayen.....	Esfarayen	Esfarayen	7150	9. 90
Bojnourd (Shireen Dareh).....	Shireen Dareh	Shireen Dareh	5280	12. 14
Khuzestan	××	××	***350263***	***5918***
Avan	Karkheh	Karkheh	10985	69. 38
Dez	Dez	Dez	93750	3259. 79
Shavur	Shavur	Shavur	3950	86. 82
Fajr & Jayzan	Marun	Marun	5400	58. 32
Gotvand	Karun	Gatvand	38000	968. 01
Marun (Behbahan)	Marun	Marun	11000	379. 81
Beneh Basht.....	Marun	Karkheh	3100	40. 95
Shahid Rajaee.....	Karun	-	5400	59. 46
Ramshir.....	Marun	Marun	8746	109. 75
Shadegan.....	Marun	Marun	8926	81. 22
Mianab.....	Karun	Masjed Soleiman	5643	191. 34
Damghani	Marun	-	850	46. 02
Kowsar	Karkheh	Karkheh	12800	39. 76
Karkheh-e- Jonoubee	Karkheh	Karkheh	11443	68. 33
Karkheh-e- Shomalee	Karkheh	Karkheh	70000	126. 94
Abadan & Khoramshahr	Karun	Masjed Soleiman	31000	3. 56
Hendijohn.....	Zohre	-	13790	12. 26
Shomal Sharghee-e Ahvaz.....	××	Karun	15480	316. 28
Semnan	××	××	***26000***	***205. 65***
Garmsar.....	Hablehrud	-	26000	205. 65
Sistan & Baluchestan	××	××	***87837***	***439. 15***
Bampur	Bampur	-	3000	4. 62

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

(ha; mln cu m)

Regional water organizations and irrigation and drainage networks	Water supply resource	Reservoir	Area of cultivated	Volume of water entered the network[1]
Chah nimeh	Sistan	Chahnimeh	38937	291. 89
Miyankangi	Paryanmoshtarak	-	39900	100. 03
Bahukalat	Bahukalat	Pishin	6000	42. 61
Fars	××	××	***56750***	***275***
Dorudzan)	Kor	Dorudzan	56000	273
Iezadkhast	Kor	Iezadkhast	750	2
Qazvin	××	××	***48517***	***341. 18***
Qazvin	Taleqan	Taleqan	48517	341. 18
Kordestan	××	××	***9120***	***21. 24***
Zarivar (Marivan)	Zarivar	Zarivar	1800	0
Qeshlaq (Sanandaj)	Qeshlaq	Qeshlaq	2220	3. 00
Kamyaran	Komyaran	××	4250	15. 35
Legzy	Legzy	Shahid Kazemee	850	2. 89
Kerman	××	××	***15700***	***67. 85***
Jiroft	Halilrud	Jiroft	6700	29. 74
Narmashir	Narmashir	Nesa	9000	38. 11
Kermanshah	××	××	***13171***	***117. 42***
Berimvand	Alvand	-	2600	16. 00
Jegarlu	Alvand	-	500	4. 45
Ravansar	Sarab Ravansar	-	1000	14. 74
Sefidbarg	Sefidbarg	-	171	17. 06
Sumar	Kangir	-	1800	8. 32
Eainlqas	Eainlqas	-	2500	9. 62
Nazliyan	Nazliyan	-	1800	8. 54
Mian darband	Mian darband	Gavshan	2700	33. 73
Bilevar	Bilevar	-	100	4. 96
Kohgiluyeh & Boyerahmad	××	××	***10051***	***39. 75***
Servak & Shahqasem	Bashar	Shahqasem	2010	4. 76
Dasht-e-rum	Dashterum	-	1100	7. 81
Dasht-e-choram	Chah	-	2010	3. 97
Dasht-e-chitab	Kikian	-	900	10. 67
Lishter & kheirabad	Lishter	Kowsar	4031	12. 54
Golestan	××	××	***33200***	***78. 09***
Voshmgir	Gorganrud	Vushmgir	20000	50. 31
Golestan 1	Gorganrud	-	8600	17. 10
Kowsar	Nomel–Garmamdasht	Kowsar (Nomel)	1000	3. 75
Bustan	Gorganrud	-	3600	6. 93
Gilan	××	××	***167000***	***2911. 80***
Sefidrud & Fumanat[2]	Sefidrud	Sefidrud	167000	2911. 80
Lorestan	××	××	***7400***	***72. 00***
Chogholvandi	Babalian	××	1800	12. 95
Aliabad (Dorud)	Silakhor	××	800	2. 31
Silakhur	Marire	××	4800	56. 74
Mazandaran	××	××	***81265***	***136. 40***
Tajan	Tajan	Shahid Rajaee	30000	136. 40
Alborz	××	Alborz	28000	0
Gelevard	××	Gelevard	23265	0
Markazi	××	××	***19400***	***31. 47***
Saveh	Qarechai	Saveh	19400	31. 47

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

(ha; mln cu m)

Regional water organizations and irrigation and drainage networks	Water supply resource	Reservoir	Area of cultivated	Volume of water entered the network(1)
Hormozgan	××	××	***14530***	***80. 95***
Minab	Minab	Esteqlal	11430	61. 80
Jegin	Jegin	Jegin	3100	19. 15
Hamedan	××	××	***1750***	***21. 18***
Shaban Borzul	Gamasiyab	-	1750	21. 18

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

2. Since the utilization of irrigation networks corresponds to crop year, the current year's data are also presented on the same year basis.

Source: Ministry of Energy

4. 18. GUARANTEED PURCHASE PRICE PER KILOGRAM OF OF BASIC CROPS

(rial)

Crop	1375	1380	1385	1387	1388	1389	1390	1391
Wheat	410	1050	2050	3050	3300	3600	3950	5500
Barley	317	800	1520	2700	2600	2900	3400	4500
Grain corn	348	890	1620	2760	2760	3000	3500	4650
Peas	727	1870	5000	6480	6480	6800	7900	10200
Navy beans	870	2240	4500	5830	×	×	7000	9000
Kidney beans	808	2065	4500	5830	5820	6000	7000	9000
Pinto beans	1030	2650	4500	5830	5960	6200	7200	9500
Lentils	895	2285	5000	6480	6480	6800	7900	10200
Sugar beets	97	252	460	620	750	900	1050	1350
Cotton (unginned)	1600	2820	5000	6480	7500	9000	10500	14000
Soybeans	683	1770	3200	5350	5350	5200	6620	8700
Sunflower seeds	870	2035	3400	5700	5700	6000	7000	9500
Potatoes	174	437	883	1080	1350	1450	1470	1900
Onions	137	377	627	790	900	900	1050	1350

Source: Government.

4. 19. AVERAGE SALE PRICE PER KILOGRAM OF SELECTED ANNUAL CROPS IN RURAL AREAS

(rial)

Year and Ostan	Wheat	Barley	Rice(paddy)	Peas	Pinto beans	Lentils	Sugar beet	Cotton	Manufactured tobacco
1375	422	375	1065	1167	2775	1394	-	1624	-
1380	1049	819	2385	2479	3688	2427	257	2801	6054
1385.....	2068	1603	3765	6847	6477	5326	497	4835	14360
1387.....	2926	3793	10291	6908	13325	10225	561	6096	28372
1388.....	3053	2511	6435	7341	9500	10189	660	6750	20364
1389.....	3189	2482	7378	7547	14138	10310	800	12767	29136
1390.....	3412	3542	9509	11488	16390	13550	933	11377	31898
1391	***4362***	***4934***	***12238***	***20359***	***34903***	***18977***	***1128***	***17674***	***39631***
East Azarbayejan....	4694	5820	×	27961	36974	16274	×	×	×
West Azarbayejan ..	4502	5946	×	20378	×	21846	1057	×	×
Ardebil	4371	5412	×	27795	28282	18641	×	×	×
Esfahan	4662	5087	14648	17632	33810	19795	1126	15222	×
Alborz	4681	4771	×	15059	×	×	×	×	×
Ilam	4454	3942	×	11323	29265	19805	×	×	×
Bushehr	4114	5016	×	×	×	×	×	×	×
Tehran	4418	4410	×	×	×	×	×	×	×
Chaharmahal & Bakhtiyari	4711	5517	×	×	33663	21755	1145	×	×
South Khorasan	4685	4689	×	×	×	×	1200	19767	×
Khorasan-e-Razavi.	4331	4876	×	20522	×	15000	1183	17426	×
North Khorasan.	4247	5011	×	19406	×	17157	1281	19485	×
Khuzestan	4209	4304	9193	×	×	×	×	×	×
Zanjan.....	4390	6019	13940	14378	39037	18397	×	×	×
Semnan.....	4154	4710	×	×	×	14842	1130	17719	×
Sistan & Baluchestan	5001	4495	×	×	×	×	×	×	×
Fars.....	4306	4968	21209	20674	35000	21859	1026	19114	×
Qazvin.....	4422	5109	×	24818	35943	27027	855	×	×
Qom	4150	4797	×	×	39870	×	×	16731	×
Kordestan	4351	5591	×	21364	×	×	2500	×	×
Kerman.....	4750	4064	×	14040	×	15000	×	11000	×
Kermanshah	4394	5427	×	22150	×	19260	1181	×	×
Kohgiluyeh & Boyerahmad	4204	4694	10699	×	33419	17117	×	×	×
Golestan..	4249	4035	13007	×	×	×	×	12453	37423
Gilan.....	5122	6000	13292	×	30909	×	×	×	45049
Lorestan	4387	5490	×	23979	35594	14419	1236	×	×
Mazandaran.....	4239	4259	10657	×	28308	×	×	×	48475
Markazi...	4531	5321	×	×	35344	×	2150	15429	×
Hormozgan.....	4000	×	×	×	×	×	×	×	×
Hamedan...	4391	4715	×	20871	×	18218	1495	×	×
Yazd	4747	5295	×	×	×	×	×	×	×

4. 19. AVERAGE 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
1375	-	1194	251	148	426	455	415	210	360
1380	3903	2618	650	437	617	531	580	604	(1)758
1385.....	12230	3794	1598	1033	2161	1671	1308	1059	1328
1387.....	21580	12622	2866	1331	2132	1305	1629	2433	2572
1388.....	28490	6033	2089	1379	2671	1970	2860	1238	1927
1389.....	20879	6745	2331	1242	3454	2791	1994	2150	1927
1390.....	35802	8467	3002	1520	5488	2158	1837	2682	3103
1391	***86523***	***11293***	***4745***	***2505***	***7761***	***2515***	***3437***	***3523***	***4732***
East Azarbayejan.....	×	×	5726	1340	5522	2164	3847	1649	4418
West Azarbayejan.	×	×	3224	2110	7844	×	6213	1978	4702
Ardebil	×	×	4059	×	6259	2333	×	2399	3685
Esfahan.....	×	×	6643	3015	5513	1987	3347	2659	5041
Alborz	×	×	3520	×	8234	×	5077	2432	5073
Ilam.....	×	×	5390	4473	5739	×	3521	5318	3291
Bushehr.....	87131	×	3855	2376	2085	×	×	6895	×
Tehran.....	×	×	7797	×	10650	4047	×	2830	5268
Chaharmahal & Bakhtiyari	×	×	×	×	7292	2138	×	4556	5201
South Khorasan	×	×	3881	3179	9538	×	×	6020	4713
Khorasan-e-Razavi.....	37000	×	4119	3389	6058	3130	4627	2013	5084
North horasan.....	×	18871	4203	2698	6444	3150	5509	2093	4975
Khuzestan.....	×	×	3104	2053	4063	2134	1027	3487	4574
Zanjan	×	×	4345	1911	7096	1853	6635	2146	4488
Semnan.....	×	×	5340	3196	8247	3076	4200	2905	4854
Sistan & Baluchestan ...	80000	×	4855	4661	7357	×	4481	7824	6507
Fars.....	×	×	4926	1103	9305	2353	4267	2006	4831
Qazvin.....	×	×	5724	2520	5795	2071	4902	1996	4440
Qom.....	×	×	5187	4113	×	×	3741	×	5626
Kordestan.....	140000	15000	×	1511	8882	2367	5000	3280	4666
Kerman.....	×	×	3410	3403	7433	7338	3252	4581	5083
Kermanshah	×	×	×	2421	7451	×	3534	2282	4377
Kohgiluyeh & Boyerahmad	×	×	×	2792	5740	×	×	4551	5141
Golestan.....	×	7568	4134	3570	6165	2983	4455	2425	×
Gilan.....	×	×	7512	4434	10259	×	2500	7624	×
Lorestan.....	×	×	×	×	6619	2839	4951	3782	4689
Mazandaran	×	×	4519	4000	6884	4633	7381	3462	×
Markazi.....	×	×	3349	1879	9867	2509	5411	3720	5136
Hormozgan	×	×	×	2728	4613	1500	2834	11686	×
Hamedan	×	×	×	1887	6871	1900	6562	2265	4423
Yazd	×	×	6341	2987	8753	×	3688	7064	4979

1. From the year 1380, the price of dried alfalfa and clover was included together.
Source:Statistical Centre of Iran.

4. 20. AVERAGE SALE PRICE PER KILOGRAM OF SELECTED PERENNIAL CROPS IN RURAL AREAS

(rial)

Year and Ostan	Apples	Apricots	Pears	Grapes	Oranges	Dates	Pomegranates	Pistachios	Almonds	Walnuts
1375.....	481	574	582	716	636	779	390	10548	3710	4319
1380.....	992	1721	1314	874	1354	1589	946	22649	4772	10364
1385.....	2790	2709	3204	2046	2786	3131	3240	30461	12763	21283
1386.....	3926	5470	4344	2564	3516	3817	4189	37043	13000	28839
1387.....	4378	4716	6833	5505	3476	5838	7108	43227	12265	35122
1388.....	6260	15433	7273	3905	4167	8117	9127	58479	×	38341
1389.....	6092	13840	11805	3543	5038	7045	7719	69404	26286	40695
1390.....	7428	11525	14901	5835	5791	5443	7902	30059	47323	53093
1391**.....**	***7635***	***16733***	***19112***	***7209***	***7211***	***9251***	***11890***	***153476***	***58318***	***79700***
East Azarbayejan .	6619	10625	10350	7128	×	×	×	×	53909	96915
West Azarbayejan .	5420	11059	×		7717	×	×	×	×	×
Ardebil	7098	16113	12931	11992	×	×	×	×	×	83123
Esfahan.....	4441	17120	×	13096	×	×	10317	254026	×	77500
Alborz	6797	23057	26386	9166	×	×	×	×	×	64143
Ilam	×	17625	×	15000	×	×	15000	×	×	89855
Bushehr	×	×	×	×	×	13178	×	×	×	×
Tehran....	8439	25027	11751	18796	×	×	14955	×	×	98173
Chaharmahal & Bakhtiyari.	7289	10771	×	7505	×	×	×	×	79441	104921
South Khorasan	×	7556	×	6903	×	×	11185	×	21783	90000
Khorasan-e-Razavi	7827	12717	16506	7378	×	×	8608	158962	29363	90805
North Khorasan	7502	16047	16943	8264	×	×	10000	×	22129	70018
Khuzestan.....	×	×	×	×	7607	6285	×	×	×	×
Zanjan	9752	×	×	7989	×	×	9999	×	30100	64170
Semnan.....	8443	7472	×	6981	×	×	14852	187079	41435	102469
Sistan & Baluchestan ..	×	×	×	15717	×	13446	14827	119950	×	×
Fars	7298	25000	×	5302	6132	×	11405	×	×	128214
Qazvin	14006	12889	12043	7480	×	×	11953	167390	39500	62275
Qom.....	12674	17050	×	10153	×	×	9285	212695	28125	95078
Kordestan	10677	11943	8116	6897	×	×	×	×	20358	83363
Kerman.....	13222	18422	11666	8976	9385	18495	16486	130657	63699	84453
Kermanshah .	5308	×	×	6642	×	×	14181	×	×	48819
Kohgiluyeh & Boyerahmad.	6549	28364	×	5688	8675	×	×	×	×	97554
Golestan	×	×	×	×	4888	×	×	×	×	×
Gilan.....	×	×	×	×	8088	×	×	×	×	62866
Lorestan.....	×	×	×	14309	×	×	×	×	×	×
Mazandaran..	6924	9722	13077	×	6269	×	×	×	×	64684
Markazi	7082	9700	×	8428	×	×	16360	×	×	70000
Hormozgan...	×	×	×	×	8212	8991	×	×	×	×
Hamedan	7279	5427	×	6053	×	×	×	×	×	69935
Yazd	×	33730	×	10248	×	×	8424	181171	×	×

Source: Statistical Centre of Iran.

4.21. AVERAGE PRODUCTION COSTS AND FARM-GATE PRICES (1) PER KILOGRAM OF SELECTED ANNUAL CROPS

(rial)

Crop	1384-85		1386-87		1387-88	
	Costs of production	Farm-gate prices	Costs of production	Farm-gate prices	Costs of production	Farm-gate prices
Irrigated wheat	5231670	1436	6386490	2485	7026100	2095
Rainfed wheat	1403370	1599	1835530	5629	2160810	2323
Irrigated barley	4116960	1469	5566600	2827	7015880	2083
Rainfed barley	1350890	1712	1630650	6375	2382860	2488
Irrigated grain corn	7341900	1008	8757840	1445	12315160	1737
Irrigated peas	4086560	3478	3616880	7865	7516570	7005
Rainfed peas	1960230	4741	2019830	13202	2439960	8402
Irrigated lentils	4459670	4962	6279630	8632	7674540	7979
Rainfed lentils	2073850	5364	2795230	9818	3226900	9217
Irrigated sunflower	7356290	4349	10399420	5789	10329430	6579
Rainfed sunflower	2117150	2717	3573600	4146	4155910	4313
Irrigated cotton	8443130	3456	11569550	4438	13546160	6268
Rainfed cotton	2873600	2535	6084190	5267	6925690	5229
Sugar beets	11179050	323	14185940	360	19035260	549
Irrigated watermelons	10088710	397	11908080	486	15950660	683
Rainfed watermelons	2704070	561	6322430	906	5548390	743
Irrigated cucumbers	18617830	945	25882520	1096	26759220	1357
Irrigated potatoes	19819240	770	27823350	1127	28679210	1105
Irrigated onions	16719320	531	26345610	642	26021310	869
Irrigated tomatoes	21195640	616	29646690	794	30967450	824
Irrigated navy beans	8142080	3622	11904640	6005	14617060	8740
Irrigated kidney beans	7966250	3044	12233970	6827	13054240	7158
Irrigated pinto beans	9652740	4354	12947060	6336	14891930	7859
Irrigated spring soybeans	5508730	2250	10267760	3760	0	0
Rainfed spring soybeans	4263530	3057	4949900	2626	6560560	2506
Irrigated summer soybeans	5508080	2357	7254660	2874	9975640	3356
Rainfed summer soybeans	2693840	2538	4313410	2902	0	0
Quality long grain rice	18511450	4938	26792130	7485	27350770	7246
High-yielding long grain rice	12569820	2106	19122210	2803	22820740	3493
Quality mid-size rice	16050140	4061	25120940	6506	28836890	6503
Short grain rice	10663970	2857	16020060	4849	19887760	6525
High-yielding mid-size grain rice	14612310	2580	16524350	2534	24996070	3683
Paddy	14372920	3524	24927940	6238	25027440	6297
Irrigated alfalfa	0	0	0	0	0	0
Rainfed alfalfa	0	0	0	0	0	0
Irrigated colza	5703110	2521	7555900	4428	7831100	4006
Rainfed colza	4265290	2202	5458420	2911	5128160	2879

4. 21. AVERAGE PRODUCTION COSTS AND FARM-GATE PRICES[1] PER KILOGRAM OF SELECTED ANNUAL CROPS (continued) (rial)

Crop	1388-89		1389-90	
	Costs of production	Farm-gate prices	Costs of production	Farm-gate prices
Irrigated wheat	7253270	2090	8939550	2620
Rainfed wheat	2503830	1950	2957690	3150
Irrigated barley	8153460	2200	10813530	3280
Rainfed barley	2371780	2040	2829060	3640
Irrigated grain corn	11656680	1900	9741880	1580
Irrigated peas	8488480	7540	7117420	8690
Rainfed peas	3051190	7390	4058770	8920
Irrigated lentils	9847970	7170	11354620	11150
Rainfed lentils	3639710	7570	4640050	8480
Irrigated sunflower	9233610	5530	12206030	6170
Rainfed sunflower	3237600	3910	4320830	6100
Irrigated cotton	14610440	6070	14290380	5530
Rainfed cotton	0	0	0	0
Sugar beets	20366360	440	25216610	530
Irrigated watermelons	17482630	580	20948170	840
Rainfed watermelons	6258060	640	8207490	1100
Irrigated cucumbers	32795210	1530	35536630	1750
Irrigated potatoes	39656680	1230	44459940	1540
Irrigated onions	24299870	760	23684480	750
Irrigated tomatoes	31276340	940	44056310	1270
Irrigated navy beans	15483630	7060	13190420	8750
Irrigated kidney beans	12969040	5590	14222730	8250
Irrigated pinto beans	15017050	8320	20124890	9000
Irrigated spring soybeans	8315690	3940	10285150	4750
Rainfed spring soybeans	6179500	3990	5204100	2570
Irrigated summer soybeans	11402180	4230	8105760	4710
Rainfed summer soybeans	0	0	5893770	3940
Quality long grain rice	29689430	8140	33112010	8530
High-yielding long grain rice	20179150	3800	22938130	4440
Quality mid-size rice	19433330	4840	36382550	7960
Short grain rice	8780310	2960	14683200	5350
High-yielding mid-size grain rice	27184150	4910	40613920	7490
Paddy	15712920	5210	29115390	7730
Irrigated alfalfa	16305980	1450	17062250	1720
Rainfed alfalfa	5001830	1780	4145400	1280
Irrigated colza	9392800	4480	9015350	3900
Rainfed colza	3831360	3970	6552460	3670

1. Farm-gate price of selected annual products excluding by-product.

Source: Ministry of Jihad-e-Agriculture.

4. 22. DOMESTIC PRODUCTION AND SALE OF SELECTED AGRICULTURALMACHINERY BY MANUFACTURING ESTABLISHMENTS (unit)

Year	Tractor		Combine		Plough share	
	Production	Sale	Production	Sale	Production	Sale
1375	5452	4727	240	225	6856	6688
1380	12208	12560	(1)523	(1)537	7031	4644
1384	25338	22969	787	771	5696	5634
1385	32929	27351	968	968	6010	5858
1387	20236	23076	248	214	3885	3048
1388	13309	17297	362	442	2738	3018
1389	18403	19184	229	257	4451	4479
1390	***23688***	***23985***	***163***	***164***	***4406***	***4081***

1.Revised figures.
Source: Statistical Centre of Iran.

4.23. HOLDINGS USING THE FOLLOWING AGRICULTURAL MACHINES AND MACHINERY, THE YEAR 1382

Types of agricultural machines and machinery	Total	Owned by holder	Owned by others
Tractor	2419557	292828	2126729
Tiller	425899	128717	297184
Combine	1014949	13501	1001448
Trailer	1498503	248369	1250134
Harvester	214061	17921	196139
Mower	82195	9703	72492
Rake	40706	6637	34069
Baler	128462	5876	122587
Chopper	8054	564	7491
Wheat and barley thresher	1215846	86536	1129311
Rice thresher	275678	32183	243495
Tractor plough	2047513	252642	1794870
Disk	1072430	126876	945554
Furrower	238762	32459	206305
Ditcher	322564	45500	277064
Cultivator	419354	44748	374606
Fertilizer broadcaster	307238	42031	265207
Tractor sprayer	732700	65749	666951
Motorized sprayer	372761	57169	315592
Knapsack sprayer	631831	232577	399254
Water pump motor (diesel)	571002	397731	173271
Electric pump	497947	385272	*112674*

Source: Statistical Centre of Iran.

4.24. HOLDINGS USING AGRICULTURAL MACHINERY AND EQUIPMENT BY OSTAN, THE YEAR 1382

Ostan	Tractor	Tiller	Combine	Trailer	Harvester	Mower	Rake	Baler
Total country	***2419557***	***425899***	***1014949***	***1498503***	***214061***	***82195***	***40706***	***128462***
East Azarbayejan.....	169880	3781	36961	111401	11899	8293	1744	979
West Azarbayejan	157449	2622	28684	129759	28958	19112	1496	215
Ardebil	82748	832	53719	71859	2877	2320	355	5466
Esfahan.....	131208	5137	40186	48522	8536	8533	4336	6635
Ilam	45109	142	15550	28077	9434	68	17	184
Bushehr	24209	295	10852	8700	376	137	7	21
Tehran	26588	2415	10973	5233	2329	2643	1788	3447
Chaharmahal & Bakhtiyari	44748	1355	6017	30220	3871	5077	3168	1368
South Khorasan	23242	263	1911	5257	2303	43	64	65
Khorasan-e-Razavi	242869	6249	72736	106560	37383	1908	1866	2695
North Khorasan	57829	218	19385	44261	13615	230	514	1370
Khuzestan	109010	545	52495	60904	5670	931	182	3681
Zanjan	57721	1156	14600	49197	5439	249	745	55
Semnan	19326	468	8644	8638	1298	573	578	3905
Sistan & Baluchestan ...	37901	294	2045	2715	631	55	230	24
Fars	155740	25402	107898	74484	4604	3574	3279	2216
Qazvin	38767	3882	12709	21399	2991	3862	3665	5153
Qom	5434	119	3289	1617	572	808	820	765
Kordestan	81096	288	42703	70198	1909	1103	1027	594
Kerman	135977	8681	16420	38278	2863	3552	274	105
Kermanshah	109398	267	76586	80500	7557	296	371	386
Kohgiluyeh & Boyerahmad	39370	918	7838	16832	681	95	39	23
Golestan	99325	6284	78295	77431	731	205	12	27173
Gilan	48149	201821	11218	107487	2564	64	1	1406
Lorestan	106528	764	57195	91571	14966	1501	776	676
Mazandaran	179573	148392	152179	98773	1768	1489	24	48670
Markazi	55670	358	20923	36170	13721	5482	3624	2073
Hormozgan	8174	119	1794	1262	15	27	40	22
Hamedan	88531	729	46504	56871	18590	8360	9523	9071
Yazd	37986	2103	4641	14324	5909	1608	142	19

4. 24. HOLDINGS USING AGRICULTURAL MACHINERY AND EQUIPMENT BY OSTAN, THE YEAR 1382 (continued)

Ostan	Chopper	Wheat and barley thresher	Rice thresher	Tractor plough	Disk	Furrower	Ditcher
Total country	***8054***	***1215846***	***275678***	***2047513***	***1072430***	***238762***	***322564***
East Azarbayejan	27	121419	664	153746	35460	1841	2331
West Azarbayejan	30	99473	63	130065	47943	6276	4338
Ardebil	15	42635	156	78941	22872	7397	14422
Esfahan	1761	69663	8776	116733	35015	21549	23821
Ilam	1	32261	1256	43691	6385	1099	4114
Bushehr	2	4465	0	13308	19521	666	2037
Tehran	2343	6258	3	20115	16760	9763	13820
Chaharmahal & Bakhtiyari	85	36210	2618	39322	12965	3875	6450
South Khorasan	2	18519	0	20158	7120	200	469
Khorasan-e-Razavi	730	153137	1521	221738	125580	28226	27406
North Khorasan	28	37334	174	55196	37031	15322	5047
Khuzestan	37	54488	3809	88420	70373	13809	36463
Zanjan	15	41345	1082	54326	13963	2877	1320
Semnan	70	9209	0	17846	13478	6889	6772
Sistan & Baluchestan	5	8622	86	32138	30300	541	9340
Fars	1531	39990	3473	139812	109597	64270	60279
Qazvin	847	20908	2779	35797	23032	10068	14723
Qom	18	3220	0	4894	4123	1285	2928
Kordestan	1	63115	0	75266	59169	1290	1151
Kerman	121	22664	0	84939	46839	7533	16134
Kermanshah	15	64954	220	106391	35985	7059	11094
Kohgiluyeh &Boyerahmad	3	32054	706	29966	2494	813	897
Golestan	116	8712	4328	91155	93053	911	25454
Gilan	3	11601	193828	17100	7594	21	23
Lorestan	21	82396	2396	103370	20173	5891	4870
Mazandaran	13	7880	47739	103346	115869	369	215
Markazi	148	42542	1	53295	16004	4976	6756
Hormozgan	1	85	0	5962	2875	1083	4798
Hamedan	51	56060	2	83482	29229	10401	11024
Yazd	14	24626	0	26994	11629	2464	4071

4. 24. HOLDINGS USING AGRICULTURAL MACHINERY AND EQUIPMENT BY OSTAN, THE YEAR 1382 (continued)

Ostan	Cultivator	Fertilizer spreader	Tractor sprayer	Motorized sprayer	Knapsack sprayer	Water pump motor (diesel)	Electric pump
Total country	***419354***	***307238***	***732700***	***372761***	***631831***	***571002***	***497947***
East Azarbayejan	6614	2687	34686	22922	35922	55757	28327
West Azarbayejan	38759	11802	74515	8785	14203	53777	15356
Ardebil	3822	7960	14648	5145	7937	8737	1468
Esfahan	13339	6252	27153	17418	52984	29961	64459
Ilam	4571	5594	16196	2871	15969	2010	1530
Bushehr	277	5807	2875	1608	4297	6475	969
Tehran	4778	6597	13543	16298	16996	14685	15764
Chaharmahal & Bakhtiyari	2858	2536	7595	1937	4098	4698	7944
South Khorasan	11386	300	455	620	5635	1105	6839
Khorasan-e-Razavi	131120	15909	33326	29994	56214	40016	86615
North Khorasan	7820	2289	4080	4931	10037	3726	6584
Khuzestan	5765	46368	45476	5856	20052	28418	3686
Zanjan	1334	2070	8119	5511	9966	9161	8840
Semnan	3011	4307	4563	7227	9384	2178	9295
Sistan & Baluchestan	38	180	144	631	6094	13286	5028
Fars	16832	59656	79271	12310	40108	55713	39404
Qazvin	5135	7272	10440	3592	8938	14744	16603
Qom	1478	2122	1771	1165	1992	1129	1941
Kordestan	9189	7082	24107	3136	8733	4874	2488
Kerman	46423	4117	74152	6883	15838	31106	68577
Kermanshah	19654	22262	50840	10770	38388	10183	4238
Kohgiluyeh & Boyerahmad	110	212	2453	2163	3416	879	629
Golestan	1112	46869	42200	3739	44867	27882	5486
Gilan	13566	467	61	24844	73759	15460	7154
Lorestan	10484	12763	41501	2424	31179	7849	4879
Mazandaran	25056	4394	61594	142063	40872	76588	28480
Markazi	24516	5853	13085	5648	11842	13130	16122
Hormozgan	180	1356	1087	2456	4872	14534	1731
Hamedan	2440	9730	31093	8701	20128	19873	23194
Yazd	7686	2426	11671	11114	17112	3068	14320

Source: Statistical Centre of Iran.

4. 25. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCKS ON THE ENUMERATION DAY BY OSTAN

(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
1382	1117281	37137289	1070057	20166878	1250232	6009547
1384	1218797	(1)53800136	1156009	(1)25530649	1321531	7609358
1387	1105727	49976138	1087932	22333547	1210741	7088984
1390	***1277798***	***50214617***	***1129427***	***22094251***	***1096303***	***6075772***
East Azarbayejan	86411	3711728	45333	522122	97560	577691
West Azarbayejan	53011	3101081	24236	307230	82486	478716
Ardebil	34183	1815307	21024	239387	41207	284472
Esfahan	44242	1830128	27121	669160	40010	354886
Alborz	2448	304877	1549	41949	2523	60430
Ilam	15570	695213	16684	430551	13839	48193
Bushehr	7127	205383	19853	475184	4714	22968
Tehran	15488	1465837	5434	143551	10122	262535
Chaharmahal & Bakhtiyari	20854	1276932	14533	452775	31050	113899
South Khorasan	46184	902139	49418	822896	13270	37957
Khorasan-e-Razavi	248048	9359098	161409	1732364	50492	298355
North Khorasan	32576	1044399	18144	197981	22390	74021
Khuzestan	37726	2384395	37860	1460015	72364	412864
Zanjan	30122	783956	23883	246554	31740	144169
Semnan	16519	1083423	13081	367328	6740	67089
Sistan & Baluchestan	66865	1238352	152744	1867101	35502	159582
Fars	70576	3931711	106370	4255911	35876	261839
Qazvin	23002	891867	13265	150446	26863	180782
Qom	4162	287039	2692	76431	4076	93296
Kordestan	37517	984469	22105	213189	38619	110786
Kerman	79781	1993359	115906	2755225	59507	241477
Kermanshah	35796	1415428	28226	331182	32286	135434
Kohgiluyeh & Boyerahmad	13069	374326	23395	853018	15553	54744
Golestan	30147	1492602	13040	198979	52325	224650
Gilan	10901	464907	3803	73563	97970	438445
Lorestan	43379	1676621	21600	402007	41250	165858
Mazandaran	38449	1641211	5830	137806	47835	395774
Markazi	32302	1291118	12639	214739	21700	145863
Hormozgan	30502	444208	83036	1669168	27708	72160
Hamedan	45614	1331509	21483	140654	33524	116340
Yazd	25225	791992	23733	645785	5202	40495

4. 25. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCKS ON THE ENUMERATION DAY BY OSTAN (continued) (head)

Year and Ostan	Buffaloes & calves		Camels & calves	
	Number of holdings	Number of livestock	Number of holdings	Number of livestock
1382	29141	159196	17104	139287
1384	31344	191438	24147	151932
1387	000	000	000	000
1390	***000***	***000***	***000***	***000***
East Azarbayejan	000	000	000	000
West Azarbayejan	000	000	000	000
Ardebil	000	000	000	000
Esfahan	000	000	000	000
Alborz	000	000	000	000
Ilam	000	000	000	000
Bushehr	000	000	000	000
Tehran	000	000	000	000
Chaharmahal & Bakhtiyari	000	000	000	000
South Khorasan	000	000	000	000
Khorasan-e-Razavi	000	000	000	000
North Khorasan	000	000	000	000
Khuzestan	000	000	000	000
Zanjan	000	000	000	000
Semnan	000	000	000	000
Sistan & Baluchestan	000	000	000	000
Fars	000	000	000	000
Qazvin	000	000	000	000
Qom	000	000	000	000
Kordestan	000	000	000	000
Kerman	000	000	000	000
Kermanshah	000	000	000	000
Kohgiluyeh & Boyerahmad	000	000	000	000
Golestan	000	000	000	000
Gilan	000	000	000	000
Lorestan	000	000	000	000
Mazandaran	000	000	000	000
Markazi	000	000	000	000
Hormozgan	000	000	000	000
Hamedan	000	000	000	000
Yazd	000	000	000	000

1.Increase in the number of small livestock (sheep, lamb ,goats and kids) is due to development of livestock raising farms as well as different implementation times of the 1384 Livestock Farm Survey and the 1382 Census of Agriculture. The Census was conducted in Mehr when the number of small livestock was at its minimum (over the year), while the Survey was implemented in the months of Day and Bahman coinciding with the time of giving birth of small livestock, when the number of sheep and goat population was at its maximum level.

Statistics for bufflo and camel and their calves will be presented after the publication of the detailed results.

Source: Statistical Centre of Iran.

4. 26. HOLDINGS WITH LIVESTOCK MILKED[1], AND MILK PRODUCTION BY TYPE OF LIVESTOCK AND OSTAN (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
1382	[2]5983863	634991	12830109	612594	737767	8286662	497974
1384	7248467	751932	16942306	543935	830472	8982559	410056
1387	6679890	540037	11573720	444004	662234	5872081	270157
1390	***6600895***	***632708***	***13910897***	***459843***	***583378***	***5868738***	***205059***
East Azarbayejan	668582	72219	1608160	49422	37555	239635	13679
West Azarbayejan	393464	37350	1172191	41486	17260	131611	6316
Ardebil	246513	30615	777428	35945	18754	111549	7453
Esfahan	675556	3615	115516	3974	9284	156872	6113
Alborz	118216	1300	97862	3648	906	10988	830
Ilam	60766	6126	151341	6176	6230	116167	4662
Bushehr	7120	60	1321	73	3680	66470	2079
Tehran	359264	12356	540370	24438	2724	41239	1705
Chaharmahal & Bakhtiyari	162176	5368	181479	5755	8819	181330	6200
South Khorasan	39714	22861	280233	4009	30420	296549	6087
Khorasan-e-Razavi	710878	154084	4091076	110331	92643	537474	14231
North Khorasan	111606	22554	434471	9439	11911	79334	2093
Khuzestan	261365	8779	210569	8748	20471	452592	14518
Zanjan	158688	23527	376930	13810	19830	141185	6729
Semnan	96204	7706	325117	8746	5639	97966	3024
Sistan & Baluchestan	129383	17072	113659	3182	56601	285137	9433
Fars	347641	20528	469921	12033	42417	831842	27348
Qazvin	247799	3734	70560	3303	7055	46767	4400
Qom	73053	277	4260	210	211	2165	152
Kordestan	75003	19858	234749	9306	11892	65701	1899
Kerman	263107	39995	523884	16333	69539	818446	19881
Kermanshah	130552	19144	462045	12435	17846	159767	7556
Kohgiluyeh & Boyerahmad	52009	3498	29845	721	21783	337171	11641
Golestan	144170	2602	105641	1884	1366	28616	1048
Gilan	93039	7484	169989	4894	2708	27042	1405
Lorestan	211786	38053	507687	47184	14898	132661	7211
Mazandaran	394631	9305	382057	9282	2295	48635	1732
Markazi	162802	232	15059	438	2700	36701	1940
Hormozgan	12860	5418	35762	1064	13980	121298	3674
Hamedan	113842	15859	204866	5769	12160	50010	2414
Yazd	79107	21130	216852	5804	19803	215814	7606

4. 26. HOLDINGS WITH LIVESTOCK MILKED, (1) AND MILK PRODUCTION BY TYPE OF LIVESTOCK AND OSTAN (continued) (head; ton)

Year and Ostan	Cattle		
	Number of holdings	Number of cattle milked	Milk production
1382	1055724	2359676	4768589
1384	1187672	2719058	6294476
1387	1010879	2420143	5965728
1390	***902613***	***2199657***	***5935994***
East Azarbayejan	90191	236034	605480
West Azarbayejan	74284	183323	345663
Ardebil	38187	117831	203114
Esfahan	36383	160220	665469
Alborz	2109	19579	113738
Ilam	12178	22067	49928
Bushehr	2724	4093	4967
Tehran	8174	66444	333120
Chaharmahal & Bakhtiyari	27039	46527	150221
South Khorasan	9661	12865	29618
Khorasan-e-Razavi	43109	118539	586317
North Khorasan	17611	28508	100074
Khuzestan	53405	122205	238098
Zanjan	27903	59995	138150
Semnan	5945	19418	84434
Sistan & Baluchestan	24306	48200	116768
Fars	26231	79975	308260
Qazvin	20370	57977	240096
Qom	2493	18841	72691
Kordestan	33683	49696	63799
Kerman	50599	92360	226892
Kermanshah	29652	60239	110561
Kohgiluyeh & Boyerahmad	14749	23872	39646
Golestan	42026	79102	141238
Gilan	64788	115382	86741
Lorestan	38578	75093	157391
Mazandaran	42098	150068	383617
Markazi	18714	47601	160423
Hormozgan	11209	14108	8121
Hamedan	29797	54303	105660
Yazd	4416	15189	65698

1. Referring to female livestock that has given birth during the last 365 days to the census day and been milked. The livestock whose whole milk is used by its baby is not considered livestock milked.

2.Difference between the total and sum of its parts is due to buffalo and camel milk production.

Source: Statistical Centre of Iran.

4. 27. HOLDINGS WITH GENERATING LIVESTOCK, THEIR NUMBER OF LIVESTOCK, PRODUCTION OF SHEEP WOOL, AND GOAT HAIR AND SOFT WOOL BY OSTAN

(head; Kg.)

Year and Ostan	Sheep wool			Goat hair and soft wool		
	Number of holdings	Number of livestock	Production	Number of holdings	Number of livestock	Production
1382	967327	29520042	36008058	272969	5452610	2448941
1384	1085395	40361587	52454715	249420	5988723	2905312
1387	974221	34801936	38114067	244895	779182	344596
1390	***1131476***	***38024926***	***42430090***	***226036***	***4013614***	***2085613***
East Azarbayejan	77657	3004542	3278082	95	465	465
West Azarbayejan	48710	2493756	3770175	7888	109223	81900
Ardebil	32356	1463598	2557494	92	828	828
Esfahan	37877	1193742	803759	909	27898	11988
Alborz	2349	255028	196328	6	407	122
Ilam	13441	452275	698359	3305	93534	91155
Bushehr	6333	139652	141313	4441	112638	49704
Tehran	11840	981966	980403	774	6686	4882
Chaharmahal & Bakhtiyari	16459	960838	842701	792	24991	21895
South Khorasan	42734	642128	436046	35738	456706	143212
Khorasan-e-Razavi	236478	8007592	10456169	13911	104974	69460
North Khorasan	29771	819123	991797	260	10151	4880
Khuzestan	26578	1578906	2222674	4733	195274	108753
Zanjan	26601	587971	463596	1533	17130	6070
Semnan	12345	854448	578573	599	14179	4354
Sistan & Baluchestan	59387	812341	1056066	42740	479160	287807
Fars	56610	2660353	2109614	14559	573233	368191
Qazvin	22055	689913	605047	15	465	930
Qom	2304	164520	172185	7	14	6
Kordestan	34343	749375	660852	4479	49691	24677
Kerman	72876	1478990	961584	56344	1139195	413547
Kermanshah	33319	1068076	1540564	8444	81418	54688
Kohgiluyeh & Boyerahmad	12544	267482	277390	5406	149332	65560
Golestan	25558	1051294	907795	2050	29295	14604
Gilan	9434	396161	569779	1431	18835	16554
Lorestan	40297	1243556	1901884	6202	90131	107983
Mazandaran	33329	1399033	1389624	2387	64031	34962
Markazi	27765	1047399	662525	67	2727	1270
Hormozgan	19432	175256	180311	6237	124169	84211
Hamedan	43073	954507	665966	60	232	174
Yazd	17623	431108	351434	531	36602	10779

Source: Statistical Centre of Iran.

4. 28. HOLDINGS RAISING POULTRY VIA TRADITIONAL METHOD BY OSTAN, THE YEAR 1382

(1000 fowls)

Ostan	Number of holdings	Number of poultry	
		Chickens	Duck, goose and turkey
Total country	***2185600***	***24783***	***5916***
East Azarbayejan	131200	1247	165
West Azarbayejan	123108	1271	276
Ardebil	71525	1108	139
Esfahan	77674	783	21
Ilam	26902	360	42
Bushehr	26569	315	14
Tehran	19071	250	37
Chaharmahal & Bakhtiyari	35240	396	14
South Khorasan	25117	166	10
Khorasan-e-Razavi	174114	1264	97
North Khorasan	41266	295	38
Khuzestan	109374	1438	160
Zanjan	50301	440	54
Semnan	13193	153	10
Sistan & Baluchestan	83597	691	53
Fars	140887	1784	64
Qazvin	28436	224	28
Qom	7004	98	8
Kordestan	57133	457	64
Kerman	88475	937	21
Kermanshah	62710	688	104
Kohgiluyeh & Boyerahmad	38219	444	16
Golestan	70504	726	166
Gilan	219196	3714	1996
Lorestan	73425	992	199
Mazandaran	213605	2989	2001
Markazi	37855	299	23
Hormozgan	32688	214	5
Hamedan	69556	544	80
Yazd	37657	498	13

Source: Statistical Centre of Iran.

4. 29. NUMBER AND CAPACITY OF OPERATING MODERN CATTLE FARMS BY ACTIVITY

(head)

Year and activity	Number	Capacity (1)	
		Total	Breeders
1373	9879	916371	369674
1375	9042	962228	408253
1379	8559	982074	-
1383	14076	1637694	-
1385	14645	1895863	-
1389	***24660***	***2747524***	***-***
Dairy cattle	15542	1720198	-
Beef cattle only	9118	1027326	-

1.Total capacity refers to the total number of livestock that can be reared with regard to installations and equipment available on the farm while breeders capacity refers to the share of the total capacity allocated to female cows, dairy or not dairy, in-calf or not in-calf .

Sources: Statistical Centre of Iran.

4. 30. BROILER CHICKEN FARMS AND THEIR HALLS CAPACITY[1]

Year and Ostan	Number of farms			Capacity (1000 fowls)	
	Total	In operation	Out of operation	Total	With automatic feeder system
1376	15291	12950	2340	165036	32531
1379	15293	12026	3267	195881	35542
1380	15383	11279	4104	184786	35275
1383	17267	14216	3051	225729	49879
1388	17192	13878	3314	245616	123352
1391	***18097***	***14356***	***3741***	***265467***	***154369***
East Azarbayejan	794	606	188	8614	4292
West Azarbayejan	597	545	52	10774	8833
Ardebil	258	224	34	4005	2054
Esfahan	1774	1320	454	26790	11773
Alborz	202	122	80	2311	639
Ilam	261	195	66	3308	3227
Bushehr	126	116	10	3122	2990
Tehran	315	234	81	8132	3292
Chaharmahal & Bakhtiyari	164	148	16	2957	677
South Khorasan	749	563	186	7181	1521
Khorasan-e-Razavi	1326	1085	241	15645	8178
North Khorasan	66	54	12	1182	640
Khuzestan	742	590	152	11180	4117
Zanjan	118	107	11	3430	2733
Semnan	462	317	145	7622	5962
Sistan & Baluchestan	128	79	49	2247	40
Fars	1038	704	334	15499	10671
Qazvin	500	439	61	8380	5348
Qom	369	305	64	6018	2900
Kordestan	525	458	67	8066	6718
Kerman	747	600	147	6220	1527
Kermanshah	775	599	176	6816	3078
Kohgiluyeh & Boyerahmad	114	87	27	1430	492
Golestan	844	746	98	19577	14646
Gilan	673	585	88	12784	8919
Lorestan	462	374	88	6251	4970
Mazandaran	1700	1408	292	27040	19092
Markazi	641	478	163	9190	5455
Hormozgan	250	186	64	4142	1839
Hamedan	520	442	78	6498	3944
Yazd	857	640	217	9056	3802

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.

4. 31. NUMBER AND HALL CAPACITY[1] OF LAYER CHICKEN AND PULLET FARMS

Year and Ostan	Number of farms	Number of poultry halls	Capacity (1000 fowls)
1370	881	3361	40491
1375	1023	3600	50495
1380	1406	4839	71282
1382	1414	5984	72707
1385	1432	5096	76046
1388	1380	4271	69221
1390	1286	4043	68359
1391	***1350***	***4358***	***71113***
East Azarbayejan	227	609	7783
West Azarbayejan	25	60	629
Ardebil	18	25	465
Esfahan	148	442	8343
Alborz	93	347	5769
Tehran	129	701	11050
Chaharmahal & Bakhtiyari	5	7	154
South Khorasan	16	35	541
Khorasan-e-Razavi	195	537	7806
Khuzestan	7	47	451
Zanjan	15	38	826
Semnan	19	44	906
Fars	32	144	2644
Qazvin	41	214	5706
Qom	155	473	6959
Kordestan	6	10	175
Kerman	15	50	963
Kermanshah	16	31	756
Kohgiluyeh & Boyerahmad	4	24	150
Golestan	17	113	2000
Lorestan	3	8	146
Mazandaran	26	54	886
Markazi	71	159	2993
Hamedan	30	75	1219
Yazd	32	98	1444
Other Ostan[2]	5	13	352

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

2. Including all Ostans that have not been mentioned

Source: Statistical Centre of Iran.

4. 32. BREEDER CHICKEN FARMS, NUMBER AND CAPACITY[1] OF THEIR HALLS

Year and Ostan	Number of farms	Number of poultry halls	Capacity (1000 fowls)
1370	70	1192	7020
1375	170	1794	9938
1378	230	2564	12476
1380	274	2599	13869
1382	343	3336	16044
1385	***416***	***3846***	***18597***
East Azarbayejan	41	219	1268
West Azarbayejan	43	266	1353
Ardebil	12	87	420
Esfahan	18	173	1018
Tehran	42	624	3103
Khorasan-e-Razavi	16	184	776
Zanjan	12	156	664
Semnan	7	83	437
Fars	6	80	317
Qazvin	15	315	1882
Qom	3	28	159
Kordestan	5	40	190
Kerman	3	49	322
Kermanshah	4	46	261
Golestan	7	100	484
Gilan	35	283	1059
Lorestan	4	35	146
Mazandaran	105	759	3233
Markazi	14	116	594
Hamedan	16	98	390
Other Ostans[2]	8	105	523

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, Chaharmahal & Bakhtiyari, South Khorasan, Khuzestan, Hormozgan and Yazd and the remaining Ostans not mentioned here have no activity in this field.

Source: Statistical Centre of Iran.

4. 33. HATCHERY UNITS BY TYPE OF ACTIVITY

Year and Ostan	Number of units	Production of one-day-old chicken					Other poultry
		Broiler chicken	Layer chicken	Broiler breeder chicken	Layer breeder chicken	Indigenous chicken	
1370	67	59	12	-	-	-	4
1375	94	76	17	-	-	-	5
1378	115	89	15	-	-	15	4
1380	127	98	12	5	2	17	3
1382	135	107	13	4	0	14	2
1384	***160***	***129***	***10***	***8***	***4***	***14***	***5***
East Azarbayejan	8	4	0	0	0	1	3
West Azarbayejan	6	5	0	0	0	1	0
Ardebil	5	5	0	0	0	0	0
Esfahan	6	4	0	0	0	2	0
Tehran	31	26	5	1	1	0	0
Khorasan-e-Razavi	13	7	2	0	0	4	0
Semnan	3	3	0	0	0	0	0
Fars	6	5	0	0	0	1	0
Qazvin	7	4	1	2	1	0	0
Kerman	6	6	0	0	0	0	0
Kermanshah	3	3	0	0	0	0	0
Golestan	4	3	0	0	0	0	1
Gilan	14	11	2	4	2	1	1
Mazandaran	33	31	0	1	0	1	0
Markazi	3	3	0	0	0	0	0
Other Ostans[1]	12	9	0	0	0	3	0

1. Including South Khorasan, Khuzestan, Zanjan, Sistan and Baluchestan, Kordestan, Hormozgan, Hamedan, Yazd and Lorestan and the remaining Ostans not mentioned here have no activity in this field.

Source: Statistical Centre of Iran.

4. 34. NUMBER OF EMPLOYEES AT MODERN CATTLE AND CHICKEN FARMS

Description	Total	Unpaid	Wage and salary earners
Total cattle farms			
1372	36018	21042	14976
1374	29844	14823	15020
1378	32917	17893	15023
1382	41865	16664	25201
1385	55711	26529	29182
1388	***66236***	***31595***	***34641***
Dairy cattle farms			
1372	31101	17422	13679
1374	27135	13106	14030
1378	30419	16506	13914
1382	33215	12626	20589
1385	45021	19867	25153
1388	***-***	***-***	***-***
Broiler chicken farms			
1375	46279	20530	25750
1378	40696	18835	21862
1379	39596	18405	21191
1382	52623	21458	31165
1388	-	-	-
1389	52449	16459	35990
1390	***52702***	***16582***	***36120***
Layer chicken and pullet farms			
1377	11103	1918	9185
1379	11148	1910	9238
1381	10593	1785	8808
1384	11191	1420	9771
1388	-	-	-
1389	10130	1122	9008
1390	***9478***	***1154***	***8324***
Breeder chicken farms			
1370	3475	41	3434
1374	4946	135	4811
1377	6357	283	6074
1379	6561	248	6313
1381	8655	432	8223
1384	***9765***	***361***	***9404***
Hatcheries			
1370	1119	37	1082
1374	1444	56	1388
1377	1741	63	1678
1379	2174	99	2075
1381	2486	143	2343
1384	***3270***	***95***	***3175***

Sources: Statistical Centre of Iran.
- Ministry of Jihad-e-Agriculture.

4. 35. COMPENSATION OF EMPLOYEES AT MODERN CATTLE AND CHICKEN FARMS

Description	Wage & salary	Other payments in cash or in kind
Total cattle farms		
1372	29713	5263
1374	50382	13753
1378	101863	30882
1382	359291	58851
1385	731079	97481
1388	**-**	**-**
Dairy cattle farms		
1372	27506	4942
1374	47695	13323
1378	95815	29432
1382	304897	52986
1385	647729	89150
1388	**-**	**-**
Broiler chicken farms		
1375	70209	17580
1378	112460	32385
1379	127416	32791
1382	360909	80808
1388	-	-
1389	1437081	204998
1390	***1642206***	***260104***
Layer chicken and pullet farms		
1377	47909	14562
1379	73064	20239
1381	105643	29473
1384	190215	40400
1388	-	-
1389	413384	74735
1390	***441189***	***79592***
Breeder chicken farms		
1370	4412	1233
1374	17039	5041
1377	37099	14377
1379	59709	18900
1381	119401	33516
1384	***191061***	***45116***
Hatcheries		
1370	1719	443
1374	5904	948
1377	10373	3757
1379	19484	4679
1381	33102	7937
1384	***75435***	***14255***

Sources: Statistical Centre of Iran.

- Ministry of Jihad-e-Agriculture.

4. 36. INVESTMENTS IN MODERN CATTLE FARMS BY TYPE OF CAPITAL PROPERTIES

(mln rials)

Capital properties	1372		1374		1378	
	Total cattle farms	Dairy cattle farms	Total cattle farms	Dairy cattle farms	Total cattle farms	Dairy cattle farms
Total	***54895***	***47559***	***61463***	***57929***	***98971***	***93793***
Machinery and power equipment, durable tools and office quipment	13243	12393	17235	16488	26778	25779
Vehicles	13781	12879	20971	20147	20551	20135
Buildings	27870	22287	22392	20430	49865	46318
Computer software	0	0	0	0	231	150
Other	0	0	865	864	1545	1411

Capital properties	1382		1385		1388	
	Total cattle farms	Dairy cattle farms	Total cattle farms	Dairy cattle farms	Total cattle farms	Dairy cattle farms
Total	***847564***	***625811***	***830318***	***736228***	***-***	***-***
Machinery and power equipment, durable tools and office equipment	133722	115029	147407	140542	-	-
Vehicles	148287	116195	149012	124486	-	-
Buildings	553757	390438	512918	451843	-	-
Computer software	1679	1663	3212	3203	-	-
Other	10119	2486	17769	16153	-	-

Sources: Statistical Centre of Iran.

- Ministry of Jihad-e-Agriculture.

4. 37. INVESTMENTS IN MODERN CHICKEN FARMS BY TYPE OF CAPITAL PROPERTIES

(mln rials)

Description	Total	Manufacturing machinery and office durable equipment	Vehicles	Buildings[1] (excluding value of land)	Computer software	Other
Broiler chicken farms						
1375	99531	39853	8916	48419	-	2346
1378	141188	46058	5213	86430	125	3364
1379	195623	52307	19477	121902	346	1591
1382	388691	134238	45791	198178	1080	9405
1388	-	-	-	-	-	-
1389	1583426	614289	104207	831160	4644	29124
1390	***2825399***	***1196871***	***87624***	***1494700***	***13251***	***32953***
Layer chicken and pullet farms						
1377	97538	35176	11567	50795	-	-
1379	71157	29680	1560	37503	282	2132
1381	89030	36582	10280	38885	657	2625
1384	144704	56218	8730	76814	571	2370
1388	-	-	-	-	-	-
1389	387522	128988	20848	230894	1804	4988
1390	***498592***	***189913***	***25532***	***262095***	***11598***	***9454***
Breeder chicken farms						
1370	5093	1952	630	2071	-	440
1374	23856	8554	2898	11560	-	844
1377	67372	21177	7418	38777	-	-
1379	50695	17992	4422	25515	436	2329
1381	201336	52394	11008	130180	1570	6184
1384	***110626***	***36448***	***6833***	***65104***	***767***	***1473***
Hatcheries						
1370	6633	4949	367	1290	-	27
1374	10784	3563	824	6324	-	73
1377	12365	6652	1354	4359	-	-
1379	32208	17258	2434	12866	138	-487
1381	74243	43115	1362	29387	195	183
1384	***28856***	***14080***	***1554***	***12381***	***719***	***122***

1. Including residential and non-residential buildings.

Source: Statistical Centre of Iran.

4. 38. PRODUCTION OF RED MEAT AND MILK (1000 tons)

Year and Ostan	Red meat	Milk
1375	685	4705
1380	743	5748
1385	829	7741
1387	870	8772
1388	902	9552
1389	934	10242
1390	967	10822
1391	***997***	***11165***
East Azarbayejan	66	770
West Azarbayejan	57	532
Ardebil	38	382
Esfahan	53	1072
Alborz	10	280
Ilam	20	62
Bushehr	13	60
Tehran	30	868
Chaharmahal & Bakhtiyari	26	265
South Khorasan	21	156
Khorasan-e-Razavi	65	845
North Khorasan	21	141
Khuzestan	47	431
Zanjan	15	151
Semnan	14	152
Sistan & Baluchestan	22	93
Fars	77	547
Qazvin	26	425
Qom	11	156
Kordestan	21	153
Kerman	42	342
Kermanshah	29	263
Kohgiluyeh & Boyerahmad	13	74
Golestan	30	491
Gilan	25	251
Lorestan	41	343
Mazandaran	53	686
Markazi	46	371
Hormozgan	14	72
Hamedan	36	509
Yazd	15	222

Source: Ministry of Jihad-e-Agriculture.

4. 39. TOTAL NUMBER OF COWS AND CALVES IN OPERATING MODERN CATTLE FARMS BY THE RACE

(head)

Year and Ostan	Total cattle			Number of cattle in dairy cattle farms		
	Total	Exotic	Indigenous	Total	Exotic	Indigenous
1373	524162	484970	39192	456161	446801	9360
1375	539937	498201	41736	500047	478344	21703
1379	561494	518589	42905	510038	493407	16631
1383	1086672	933700	152972	806785	794883	11902
1386	***1158904***	***1050587***	***108317***	***917461***	***905012***	***12449***
East Azarbayejan	32916	31070	1846	27247	26836	411
West Azarbayejan	19010	15904	3106	14710	13722	988
Ardebil	13898	13423	475	11383	11293	90
Esfahan	193532	193513	19	185142	185123	19
Ilam	3986	3986	0	1952	1952	0
Bushehr	9597	3891	5706	31	9	22
Tehran	342789	281213	61576	255967	249761	6206
Chaharmahal & Bakhtiyari	11229	11229	0	11167	11167	0
South Khorasan	5281	5266	15	5093	5078	15
Khorasan-e-Razavi	116667	116120	547	114389	114117	272
North Khorasan	3862	3081	781	2829	2356	473
Khuzestan	11179	10743	436	2587	2519	68
Zanjan	10792	10630	162	9192	9100	92
Semnan	51945	43625	8320	29273	29012	261
Sistan & Baluchestan	31242	28850	2392	18309	18301	8
Fars	52908	49956	2952	43726	43628	98
Qazvin	22726	22465	261	18307	18230	77
Qom	34593	33881	712	25006	24487	519
Kordestan	2077	2077	0	1924	1924	0
Kerman	23988	23959	29	23883	23854	29
Kermanshah	6700	6700	0	6150	6150	0
Kohgiluyeh & Boyerahmad	3845	3512	333	3134	3134	0
Golestan	18049	17722	327	17692	17473	219
Gilan	10265	7591	2674	7982	6466	1516
Lorestan	6333	5482	851	3254	3204	50
Mazandaran	19538	19190	348	18558	18210	348
Markazi	49363	35598	13765	10391	10391	0
Hormozgan	406	354	52	338	301	37
Hamedan	11702	11589	113	11497	11384	113
Yazd	38483	37965	518	36347	35829	518

Sources: Statistical Centre of Iran.

- Ministry of Jihad-e-Agriculture.

4.40. QUANTITY AND VALUE OF MILK AND MANURE PRODUCED IN MODERN CATTLE FARMS

Year and Ostan	Milk		Manure			
			Total cattle farms		Dairy cattle farms	
	Quantity (1000 tons)	Value (mln rial)	Quantity (1000 cu m)	Value (mln rial)	Quantity (1000 cu m)	Value (mln rial)
1372	799	250728	2523	9789	2256	8857
1374	1007	513634	2415	17755	2229	16173
1378	1215	1247549	2000	35060	1865	32775
1382	1782	3507457	(1)2602	124958	(1)2109	107210
1385	2415	6624859	3233	197484	2680	169334
1388	***3216***	**-**	**-**	**-**	**-**	**-**
East Azarbayejan	61	-	-	-	-	-
West Azarbayejan	35	-	-	-	-	-
Ardebil	53	-	-	-	-	-
Esfahan	577	-	-	-	-	-
Ilam	5	-	-	-	-	-
Bushehr	2	-	-	-	-	-
Tehran	950	-	-	-	-	-
Chaharmahal & Bakhtiyari	57	-	-	-	-	-
South Khorasan	15	-	-	-	-	-
Khorasan-e-Razavi	384	-	-	-	-	-
North Khorasan	17	-	-	-	-	-
Khuzestan	14	-	-	-	-	-
Zanjan	42	-	-	-	-	-
Semnan	66	-	-	-	-	-
Sistan & Baluchestan	4	-	-	-	-	-
Fars	186	-	-	-	-	-
Qazvin	129	-	-	-	-	-
Qom	75	-	-	-	-	-
Kordestan	6	-	-	-	-	-
Kerman	86	-	-	-	-	-
Kermanshah	44	-	-	-	-	-
Kohgiluyeh & Boyerahmad	10	-	-	-	-	-
Golestan	72	-	-	-	-	-
Gilan	7	-	-	-	-	-
Lorestan	16	-	-	-	-	-
Mazandaran	69	-	-	-	-	-
Markazi	56	-	-	-	-	-
Hormozgan	2	-	-	-	-	-
Hamedan	54	-	-	-	-	-
Yazd	119	-	-	-	-	-

1. Unit is 1000 tons.

Sources: Statistical Centre of Iran.
- Ministry of Jihad-e-Agriculture.

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

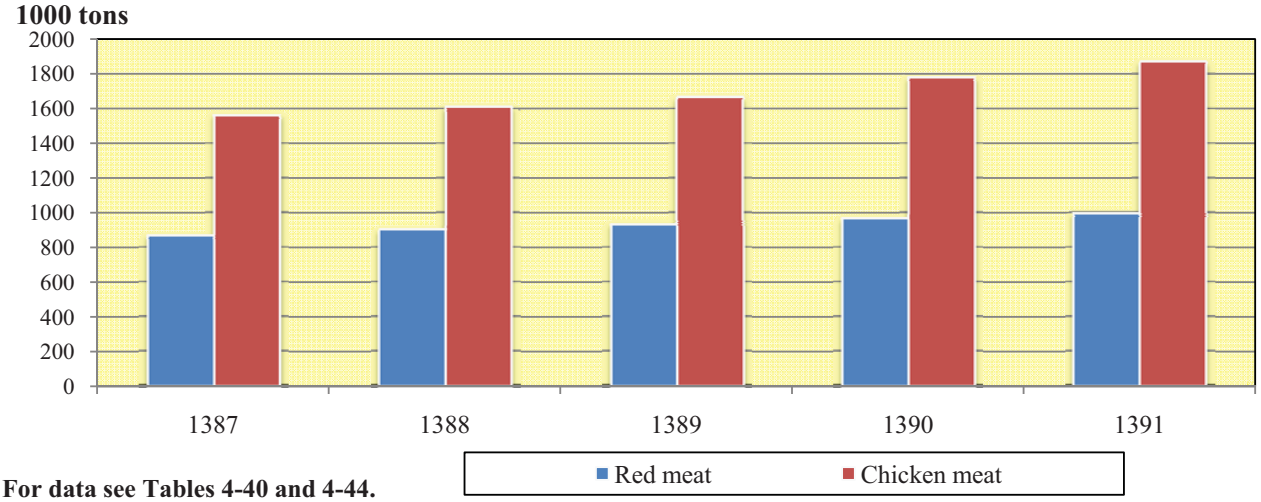
Year	Total		Sheep		Goats	
	Number	Weight	Number	Weight	Number	Weight
1375	11265	356	7946	149	2030	27
1380[1]	12769	419	8743	141	2264	29
1385[1]	14375	463	9870	166	2914	39
1387[1]	14113	487	10038	170	2416	33
1388	9867	403	6446	114	1913	27
1389	7917	346	4884	90	1749	25
1390	8950	391	5673	104	1842	27
1391	***10393***	***416***	***6828***	***126***	***2129***	***32***

Year	Cattles		Buffaloes		Camels	
	Number	Weight	Number	Weight	Number	Weight
1375	1205	166	65	10	20	4
1380[1]	1645	228	50	8	67	13
1385[1]	1518	246	46	7	27	5
1387[1]	1578	269	47	8	34	7
1388	1432	247	31	5	45	10
1389	1235	222	20	3	29	6
1390	1382	250	26	4	27	6
1391	***1378***	***248***	***32***	***5***	***26***	***5***

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

Source: Statistical Centre of Iran.

4.4. PRODUCTION OF RED AND CHICKEN MEAT



For data see Tables 4-40 and 4-44.

4. 42. PRODUCTION OF CHICKEN MEAT AND EGG (1000 tons)

Year and Ostan	Meat	Egg
1375	676	486
1380	885	581
1385	1360	677
1387	1565	727
1388	1610	751
1389	1666	767
1390	1783	700
1391	***1871***	***913***
East Azarbayejan	79	88
West Azarbayejan	68	13
Ardebil	44	11
Esfahan	119	69
Alborz	47	92
Ilam	32	1
Bushehr	24	1
Tehran	81	159
Chaharmahal & Bakhtiyari	30	3
South Khorasan	47	9
Khorasan-e-Razavi	117	83
North Khorasan	22	3
Khuzestan	71	6
Zanjan	39	11
Semnan	48	15
Sistan & Baluchestan	32	5
Fars	109	31
Qazvin	65	84
Qom	49	66
Kordestan	39	5
Kerman	53	15
Kermanshah	39	10
Kohgiluyeh & Boyerahmad	17	4
Golestan	90	23
Gilan	81	18
Lorestan	53	7
Mazandaran	155	16
Markazi	71	30
Hormozgan	29	1
Hamedan	70	18
Yazd	51	16

Sources: Ministry of Jihad-e-Agriculture.

4. 43. QUANTITY AND VALUE OF PRODUCTION AT BROILER CHICKEN FARMS

(ton; mln rials)

Year and Ostan	Full-grown		Cull [1]		Manure	
	Quantity	Value	Quantity	Value	Quantity	Value
1373	613021	1277677	10819	14193	566388	16914
1375	863821	3072880	9957	25178	710372	40374
1378	803349	5062491	12785	48815	714795	48716
1379	799367	5082299	11283	43584	747091	65032
1382	1371018	11409123	13282	68555	1049603	101504
1389	1862838	37628484	14161	176735	1413890	360126
1390	***1907194***	***43534365***	***13565***	***194293***	***1462665***	***492869***
East Azarbayejan	69969	1564631	798	9915	51014	14926
West Azarbayejan	73334	1699749	653	7130	52957	14767
Ardebil	32420	740902	139	1570	20815	5317
Esfahan	163972	3874689	1013	12018	118351	41247
Alborz	11778	281392	98	1849	8029	2373
Ilam	30549	697558	133	2542	24586	10251
Bushehr	23375	536544	217	2139	14004	6395
Tehran	57910	1230349	27	353	26751	9586
Chaharmahal & Bakhtiyari	24322	580292	419	8611	18048	6194
South Khorasan[2]	40432	886283	463	7289	9947	2856
Khorasan-e-Razavi[2]	104701	2338383	807	13697	71544	25267
North Khorasan[2]	8639	198645	39	609	5909	1614
Khuzestan	67042	1762353	852	13325	47234	24014
Zanjan	27267	577624	28	405	21078	5031
Semnan	47555	1042089	384	6368	119872	60696
Sistan & Baluchestan	15047	443934	244	4489	14577	5816
Fars	89663	2000807	854	13501	61217	25273
Qazvin	62363	1450279	372	4469	47226	16429
Qom	40485	999474	211	2737	34444	11872
Kordestan	69659	1713921	913	13154	45006	14164
Kerman	40317	866006	289	4203	27707	19272
Kermanshah	42175	919900	594	8951	12335	4479
Kohgiluyeh & Boyerahmad	8919	216162	57	862	5082	1248
Golestan	171740	3735518	1088	15897	121725	25997
Gilan	108952	2492951	21	260	73362	6583
Lorestan	43910	1003545	509	7458	26266	8125
Mazandaran	238298	5400231	1207	13227	169259	28934
Markazi	67971	1462320	241	3353	42424	15316
Hormozgan	22532	536915	257	4233	10218	4798
Hamedan	45004	1047403	275	4658	116491	52823
Yazd	56894	1233515	363	5021	45187	21207

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

Source: Statistical Centre of Iran.

4. 44. QUANTITY AND VALUE OF PRODUCTION AT LAYER CHICKEN AND PULLET FARMS

(ton; mln rials)

Year and Ostan	Edible eggs		Broken & shell-less eggs		Sold pullets (fowl)	
	Quantity	Value	Quantity	Value	Quantity	Value
1374	411131	755630	4627	4456	0	0
1377	434715	1300114	5742	8558	6407453	58237
1379	506192	1682290	7909	13539	5461511	51379
1381	571017	2455505	10947	23843	5438031	72584
1384	576478	3021222	10712	27670	7476525	127098
1389[2]	686531	8548520	000	000	_	_
1390[2]	***558659***	***12132039***	000	000	_	_
East Azarbayejan	62043	1365349	000	000	_	_
West Azarbayejan	6394	135469	000	000	_	_
Ardebil	2731	66938	000	000	_	_
Esfahan	88708	2024386	000	000	_	_
Alborz	41637	725210	000	000	_	_
Tehran	38482	979281	000	000	_	_
Chaharmahal & Bakhtiyari	1041	18432	000	000	_	_
South Khorasan	5791	141719	000	000	_	_
Khorasan-e-Razavi	76812	1585321	000	000	_	_
Khuzestan	3016	70287	000	000	_	_
Zanjan	6193	132456	000	000	_	_
Semnan	7699	153743	000	000	_	_
Fars	27452	677982	000	000	_	_
Qazvin	21948	466824	000	000	_	_
Qom	63024	1350732	000	000	_	_
Kordestan	1673	46031	000	000	_	_
Kerman	14062	329083	000	000	_	_
Kermanshah	5415	102256	000	000	_	_
Kohgiluyeh & Boyerahmad	165	4114	000	000	_	_
Golestan	29591	614810	000	000	_	_
Lorestan	789	17490	000	000	_	_
Mazandaran	4225	95528	000	000	_	_
Markazi	24346	478773	000	000	_	_
Hamedan	13094	283181	000	000	_	_
Yazd	10243	219784	000	000	_	_
Other Ostans[3]	2085	46860	000	000	_	_

4. 44. QUANTITY AND VALUE OF PRODUCTION AT LAYER CHICKEN AND PULLET FARMS (continued)

(ton; mln rials)

Year and Ostan	Cull[1]		Manure	
	Quantity	Value	Quantity	Value
1374	16114	24356	419134	14105
1377	19872	48159	471310	24444
1379	22017	70598	479965	33749
1381	18213	71058	538009	40905
1384	23301	91212	498321	45873
1389[2]	13937	137027	478298	116679
1390[2]	***16315***	***181233***	***397089***	***127486***
East Azarbayejan	2712	24851	42481	11116
West Azarbayejan	244	3174	4217	930
Ardebil	90	1042	1358	363
Esfahan	3543	32865	64520	22483
Alborz	7	65	20054	3654
Tehran	127	1578	29488	11087
Chaharmahal & Bakhtiyari	150	2100	800	173
South Khorasan	59	544	3331	1148
Khorasan-e-Razavi	2146	35150	51524	11565
Khuzestan	97	1460	2621	1371
Zanjan	207	1944	4127	1206
Semnan	0	1	2914	871
Fars	411	3249	22248	8664
Qazvin	330	3741	25494	8289
Qom	2383	26094	49442	18633
Kordestan	224	1190	1053	302
Kerman	133	1742	16097	9806
Kermanshah	114	602	1876	400
Kohgiluyeh & Boyerahmad	0	3	120	48
Golestan	914	10240	13977	2779
Lorestan	70	841	292	46
Mazandaran	112	1270	4267	818
Markazi	1120	8821	16004	6243
Hamedan	696	12812	8168	1750
Yazd	25	235	8678	3151
Other Ostans[3]	401	5618	1938	587

1. Chicken culled for various reasons or delivered to slaughterhouses at the end of raising period can be used as meat.
2.Edible egges includes shell-less and broken eggs
3. Including all Ostans that have not been mentioned

Source: Statistical Centre of Iran.

4. 45. QUANTITY AND VALUE OF PRODUCTION AT BREEDER CHICKEN FARMS

(ton; mln rials)

Year and Ostan	Fertile eggs					
	Broiler breed		Layer breed		Indigenous breed	
	Number (1000)	Value	Number (1000)	Value	Number (1000)	Value
1370	306754	55501	56313	6739	0	0
1374	525492	260126	60760	25786	1440	507
1377	780617	615390	107120	70817	9558	5048
1379	718032	813225	55933	39696	7850	5695
1381	875372	1300481	62323	95140	7480	8376
1384	***1430866***	***2879558***	***67210***	***145777***	***10096***	***8974***
East Azarbayejan	77333	110144	2900	7250	0	0
West Azarbayejan	105660	203043	0	0	422	845
Ardebil	34733	75796	0	0	0	0
Esfahan	20987	34632	0	0	2428	2358
Tehran	162168	275533	9906	17098	0	0
Khorasan-e-Razavi	49785	122314	13236	33673	6366	5067
Zanjan	36102	66367	0	0	402	241
Semnan	13083	27783	0	0	0	0
Fars	3869	6916	8100	10271	272	272
Qazvin	71597	174580	18905	43482	0	0
Qom	3000	6000	10500	28875	0	0
Kordestan	13710	25451	0	0	0	0
Kerman	26375	73432	0	0	0	0
Kermanshah	19261	42375	0	0	0	0
Golestan	43578	73988	0	0	0	0
Gilan	118134	170998	3663	5128	50	35
Lorestan	12193	22477	0	0	0	0
Mazandaran	503561	1128110	0	0	0	0
Markazi	35277	71225	0	0	0	0
Hamedan	36736	71650	0	0	0	0
Other Ostans[(2)]	43723	96745	0	0	156	155

4. 45. QUANTITY AND VALUE OF PRODUCTION AT BREEDER CHICKEN FARMS (continued)

(ton; mln rials)

Year and Ostan	Edible eggs		Wastes		Cull[1]		Manure	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1370	82123	23839	186	67	6653	4341	63498	948
1374	6476	10053	1011	999	6312	14409	82878	3567
1377	11930	33143	1355	2147	10798	38008	116675	6011
1379	14419	47335	2173	2406	11445	55470	105723	9220
1381	12869	52521	2108	4355	19046	113182	139828	11831
1384	***11176***	***55830***	***3562***	***9674***	***14502***	***99942***	***144964***	***13853***
East Azarbayejan	447	2330	568	1199	1589	12039	11345	1221
West Azarbayejan	703	2423	277	539	807	6399	11177	1353
Ardebil	296	1586	21	26	393	2812	4723	451
Esfahan	336	1338	21	54	457	2571	5222	711
Tehran	1049	5055	677	1973	1644	11552	19574	2459
Khorasan-e-Razavi	667	3600	186	703	743	5324	7483	910
Zanjan	518	2420	119	309	688	3966	4882	619
Semnan	55	244	3	8	76	610	2080	233
Fars	492	2766	17	50	354	1704	2463	338
Qazvin	1313	7726	814	2602	1001	5383	10517	1073
Qom	84	390	1	3	100	900	1209	153
Kordestan	55	248	36	73	300	2101	1366	209
Kerman	322	1013	30	105	593	4280	2807	319
Kermanshah	0	0	12	23	167	999	1130	109
Golestan	183	1074	29	90	516	3333	3389	207
Gilan	390	2033	98	122	1483	9898	10853	437
Lorestan	182	875	11	23	107	861	929	129
Mazandaran	2383	13894	487	1455	2404	16965	28856	1158
Markazi	562	2796	33	71	195	1095	3652	407
Hamedan	232	1128	6	20	671	5546	4119	588
Other Ostans[2]	907	2891	118	225	215	1603	7188	770

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

2. Including Ilam, Chaharmahal & Bakhtiyari, South Khorasan, Khuzestan, Hormozgan and Yazd and the remaining Ostans not mentioned here have no activity in this field.

Source: Statistical Centre of Iran.

4. 46. HOLDINGS RAISING HONEYBEES, NUMBER OF HIVES AND HONEY (WITH WAX) PRODUCTION BY OSTAN, 1382 (kg)

Ostan	Number of holdings	Modern hives		Old hives	
		Number	Honey with wax	Number	Honey with wax
Total country	***75181***	***1397670***	***13772225***	***296359***	***1329821***
East Azarbayejan	12943	170028	1542422	147216	584803
West Azarbayejan	5506	133842	1845694	56239	382865
Ardebil	2852	60241	876183	5350	30260
Esfahan	2606	186803	1262667	2154	9012
Ilam	842	27550	109944	397	1243
Bushehr	151	6576	76522	12	59
Tehran	1135	50267	494800	988	7825
Chaharmahal & Bakhtiyari	1349	51572	495531	627	2559
South Khorasan	70	1364	8220	Ø	Ø
Khorasan-e-Razavi	1396	24234	196717	1300	9061
North Khorasan	681	17083	120760	788	3728
Khuzestan	778	14898	131756	653	4997
Zanjan	3781	43811	453013	4629	20152
Semnan	316	10784	104345	30	147
Sistan & Baluchestan	34	403	4988	0	0
Fars	5082	81137	698232	4545	25482
Qazvin	1257	17212	144716	1022	5185
Qom	150	1875	11662	257	1631
Kordestan	8083	23125	153275	35960	99266
Kerman	1211	26272	274014	1244	7449
Kermanshah	3165	34873	306306	10359	19432
Kohgiluyeh & Boyerahmad	2346	32288	274948	1684	11143
Golestan	2943	35638	207399	2340	7320
Gilan	4056	83813	1653693	3687	23623
Lorestan	2084	42059	363285	4817	20197
Mazandaran	4092	96487	972508	3907	25853
Markazi	2064	28562	226307	1742	4732
Hormozgan	22	1270	18278	151	842
Hamedan	3326	71225	626870	4020	20293
Yazd	863	22382	117171	234	642

Source: Statistical Centre of Iran.

4. 47.GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY MINISTRY OF COOPERATIVES AT THE END OF THE YEAR

Description	Number	Members	Employed	Capital (mln rial)
Registered cooperative(1)				
1375	5839	80029	43539	492792
1380	13929	218982	108749	992771
1385	25730	345771	190503	1392819
1387	30843	404379	229091	1673355
1388	32593	422984	245600	1831517
1389	34906	459204	265847	3755954
1390	37320	459202	292382	3146011
1391	***41967***	***523690***	***350720***	***3586904***
Cooperatives under establishment				
1375	136	1388	790	5295
1380	965	35531	9504	51407
1385	4613	72303	37474	140032
1387	7500	101645	59088	226519
1388	8540	113098	70129	366506
1389	4299	64363	32671	750722
1390	5664	62125	51341	739081
1391	***8628***	***101351***	***98241***	***816951***
Cooperatives in operation				
1375	3218	47787	31602	446559
1380	8006	118595	69787	804515
1385	14119	190318	109659	1063415
1387	15916	216392	123710	1237226
1388	16603	223298	129038	1261231
1389	16459	204021	134859	2554851
1390	16485	211851	134807	1869834
1391	***16773***	***216142***	***135623***	***2167894***

4. 47. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY MINISTRY OF COOPERATIVES AT THE END OF THE YEAR (continued)

Description	Number	Members	Employed	Capital (mln rial)
East Azarbayejan.....	371	4441	3488	37058
West Azarbayejan……	309	3213	3147	76375
Ardebil…….	266	2261	1452	20353
Esfahan……	409	7419	3838	151883
Alborz…….	183	4507	3921	12073
Ilam	569	10170	3866	29939
Bushehr	388	3465	4292	15240
Tehran	496	8023	7328	54852
Chaharmahal & Bakhtiyari	333	3705	3291	43552
South Khorasan.....	209	3290	1557	14784
Khorasan-e-Razavi.....	1143	26716	7764	84599
North Khorasan.....	239	1944	1351	15707
Khuzestan	855	7184	8948	48301
Zanjan	771	7461	6226	272284
Semnan	297	3784	2150	34534
Sistan & Baluchestan	230	1767	1730	11294
Fars	674	13267	3930	66455
Qazvin.....	160	1370	1380	84622
Qom.....	147	3951	999	53827
Kordestan	188	4006	991	51770
Kerman	1079	13525	8438	139159
Kermanshah	648	10021	8299	31085
Kohgiluyeh & Boyerahmad	337	3049	2827	33474
Golestan.....	2766	25043	12938	84149
Gilan	522	7252	6164	68340
Lorestan	530	5496	4213	320256
Mazandaran	991	13315	10058	90830
Markazi	364	4353	1488	113804
Hormozgan	709	5860	5259	15807
Hamedan	195	2137	1876	40900
Yazd	395	4147	2414	50588

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

4. 48. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY ACTIVITY AT THE END OF THE YEAR

Year and activity	Number of co-ops	Member	Capital (mln rial)
1375	1507	869405	85350
1380	1827	970609	221822
1385	2008	1010551	404366
1387	2123	1015412	609885
1388	2203	1001633	624284
1389	2106	1076760	727858
1390	1997	1068541	836954
1391	***2051***	***1134128***	***1249694***
Chicken farming	295	34059	624247
Animal husbandry	470	509833	333465
Cultivation of wheat	126	53451	25491
Horticulture	98	154762	56658
Apiculture	179	55964	32923
Combine management	15	2110	1345
Range management	25	4358	4856
Mechanization	59	5070	10144
Others	784	314521	160565

Source: Central Organization of Rural Cooperatives.

4. 49.GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY OSTAN AT THE END OF THE YEAR 1391

Ostan	Number of co-ops	Members
Total country	***2051***	***1134128***
East Azarbayejan	169	97076
West Azarbayejan	89	51358
Ardebil	34	17087
Esfahan	160	104191
Alborz	25	6885
Ilam	13	3053
Bushehr	16	3491
Tehran	58	10811
Chaharmahal & Bakhtiyari	35	2646
South Khorasan	67	31675
Khorasan-e-Razavi	162	123984
North Khorasan	34	10726
Khuzestan	54	19108
Zanjan	15	4522
Semnan	26	12928
Sistan & Baluchestan	50	6104
Fars	108	94308
Qazvin	65	18276
Qom	17	17976
Kordestan	34	11960
Kerman	297	38173
Kermanshah	89	31109
Kohgiluyeh & Boyerahmad	28	4541
Golestan	55	21269
Gilan	89	122465
Lorestan	24	18342
Mazandaran	79	107384
Markazi	45	24307
Hormozgan	32	9088
Hamedan	46	85249
Yazd	36	24036

Source: Central Organization of Rural Cooperatives.

4. 50. AREA OF AFFORESTATION AND SAPLING PRODUCTION[1] (ha; 1000 sapling)

Year and Ostan	Afforestation			Sapling production
	Total	State-owned	Private	
1375	39521	16090	23432	73766
1380	110692	53912	56780	141317
1385	51167	39871	11296	46876
1387	36476	27591	8885	43435
1388	25400	14045	10455	31896
1389	29507	18378	11129	40443
1390	25254/9	8370/4	16884/5	33386/3
1391	***18010/9***	***4247/2***	***13763/7***	***25323***
East Azarbayejan	448	0	448	320
West Azarbayejan	27	27	0	100
Ardebil	8/4	8/4	0	144/8
Esfahan	1992/5	33/5	1959	62
Alborz	271	271	0	30
Ilam	0	0	0	2300
Bushehr	29	29	0	467/5
Tehran	400	0	400	25
Chaharmahal & Bakhtiyari	37	0	37	630
South Khorasan	1427/5	1427/5	0	528
Khorasan-e-Razavi	29/8	29/8	0	1110/5
North Khorasan	0	0	0	155
Khuzestan	0	0	0	15
Zanjan	42	42	0	189
Semnan	675	2	673	960
Sistan & Baluchestan	82	82	0	820
Fars	623/8	54	569/8	1370
Qazvin	130	0	130	87
Qom	73/9	0	73/9	0
Kordestan	0	0	0	520
Kerman	22	22	0	396
Kermanshah	20	20	0	930
Kohgiluyeh & Boyerahmad	272	272	0	339
Golestan	940	397	543	2050
Gilan	826	290	536	4000
Lorestan	225	45	180	1120
Mazandaran	3807	220	3587	4460
Markazi	12	12	0	1616
Hormozgan	849	849	0	189
Hamedan	4731	104	4627	250
Yazd	10	10	0	140

1. In the Forth 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.

Source: Forests, Range and Watershed Management Organization.

4. 51. WATERSHED MANAGEMENT ACTIVITIES [1] (ha)

Title	1375	1380	1385	1387	1388	1389	1390[2]	1391
Total	***816188***	***1360133***	***1685580***	***1453138***	***1313266***	***1196431***	***1135407***	***107681***
Nation's watershed catchments lacking dams	×	×	35000	57336	128308	80128	89291	4006
Watershed management in existing dams catchments	51762	54156	179329	140392	75445	128837	138914	7333
Watershed management in Dorudzan dam catchments	3610	×	×	×	0	0	0	0
Watershed management in catchments of dams under construction	23036	66071	56829	64289	59462	93758	79257	11521
Watershed management in Karkheh dam catchments	7500	8229	34918	9852	12761	23200	18279	3186
Watershed management in Sefidrud dam catchments	×	24085	134399	21696	32377	19868	29342	1645
Watershed management in Atrak catchments	×	×	×	8201	5682	16356	15555	855
Study and operation of Watershed management in the Grate Karun catchments	×	×	×	26548	21302	18829	18074	1158
Watershed management in Golestan[3] catchments	×	×	59752	49756	49546	26702	36189	1907
Watershed management in Hablehrud catchments	×	5442	0	0	0	0	0	0
Watershed management in border rivers catchments	×	4966	25465	15450	10794	2623	35015	8727
Land use improvements in watershed areas	12180	50449	104004	247726	53610	88225	168462	5417
Flood control	27073	58454	155952	191858	121366	72518	36909	21705
Watershed management in municipal catchments areas	17830	32774	10363	21254	18229	25320	33829	6736
Watershed management in other catchments of Ostans	×	20951	2259	1781	176	0	0	0
Projects under Note 76 of the second development plan law[4]	24937	×	×	×	0	0	0	0
Paragraph T of the Article 17[4]	×	×	6437	0	0	0	0	0
Soil conservation and watershed management project (provincial) and Note 37	253186	430233	496297	479089	277515	203354	182619	8454
Notes & other issues[4]	395074	604323	384576	117910	446693	396713	253672	25031

1. Excluding 441245, 441245, 1174800, 2678012,1626132,1758815,2076377 and ,1668811 hectares under executive projects for the years 1375, 1380 and 1385 to 1391 respectively.

2. Revised figures.

3.The Golestan flood prevention and control plan was provincialized in the year1383 and nationalized, since 1384.

*4. The projects in the Article No. 106 of the Third National Development Plan was renamed "Paragraph **T** of Article 17" in the Fourth Development Plan; and include the share of public sector only.*

5.The projects of study and implementing watershed management in the Orumiye lake catchment and in central desert border catchment basin respectively with 16609 and 5223 hectares were added to the watershed management activities in the year 1390.

Source: Forests, Range and Watershed Management Organization.

4. 52. CATCHE AND PRODUCTION OF VARIOUS AQUATICS BY SPECIES (ton)

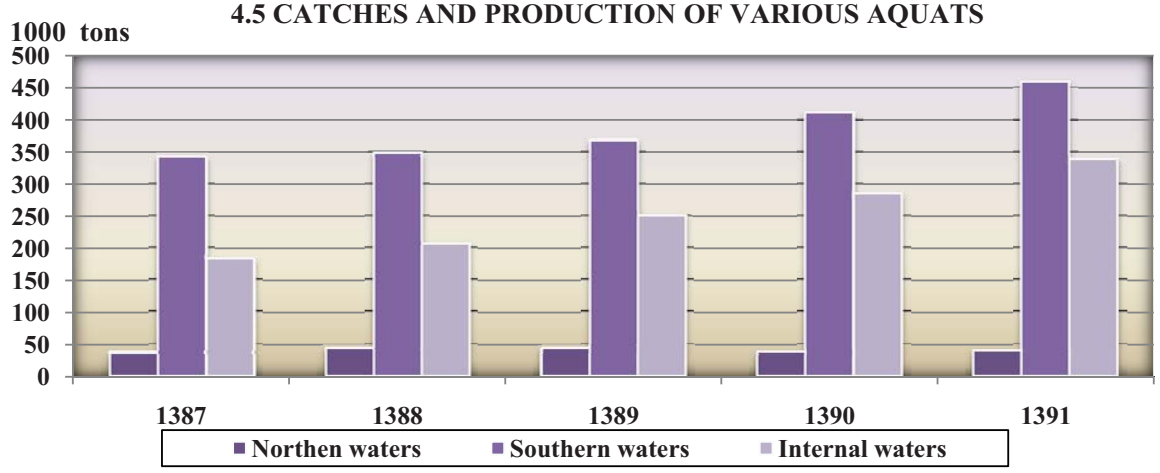
Year	Grand total (catch & production)	Catches in the Caspian Sea			
		Total	Kilka	Bony fish	Sturgeon
1375	400020	74100	57000	15500	1600
1380	399000	62550	45180	16500	870
1385.....	575560	46435	22303	23802	330
1387.....	562594	36967	16743	20046	178
1388.....	599754	44279	25483	18665	131
1389.....	663684	43805	27110	16602	93
1390.....	735261	37831	20717	17034	80
1391……..	***838892***	***40314***	***24086***	***16160***	***68***

Year	Catches in south waters					Production of fish in inland waters			
	Total	Small pelagics	Large pelagics	Demersals	Sea shrimps	Total	Fish farms	Shrimp farms	Natural and semi-natural resources(1)
1375	260920	10000	82320	162721	5879	65000	29816	163	35021
1380.....	262805	30805	115000	110060	6940	73645	40230	7630	25785
1385.....	374447	26311	225374	116811	5951	154678	123738	5970	24970
1387.....	341980	40981	163790	128522	8687	183647	150378	4372	28897
1388.....	348122	36325	176541	126487	8769	207353	174435	5128	27790
1389.....	368505	33637	187610	139655	7603	251374	213676	6359	31339
1390	411897	50161	207438	147437	6861	285533	238635	8026	38872
1391……..	***459701***	***44916***	***235830***	***170007***	***8948***	***338877***	***286362***	***10152***	***42363***

1. As of the year 1382, catches from improved reservoirs are included with production of fish farms.

Source: Fisheries of Iran.

4.5 CATCHES AND PRODUCTION OF VARIOUS AQUATS



For data see Tables 4.59.

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

Year	Caviar				Meat			
	Total	Beluga	Asetra	Sevruga	Total	Beluga	Asetra	Sevruga
1375	195	7	96	92	1295	165	669	461
1380 (1)	88	3	64	21	870	95	620	155
1385	31	5	24	3	330	74	223	33
1387	14	3	10	1	178	52	111	15
1388.....	9	2	7	1	131	34	87	10
1389.....	7	2	5	//	93	32	57	4
1390.....	6	2	3	1	80	25	47	8
1391……	***4***	***1***	***3***	//	***68***	***19***	***43***	***6***

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

Source: Fisheries of Iran.

4. 54. PRODUCTION OF VARIOUS FISH FRIES BY SPECIES (1000)

Year	Total	Kutum	Sturgeon	Carps	Salmon	Trout	Bream	Perch	Other
1375	325175	142092	12456	130371	424	28940	8478	2414	0
1380	481271	232018	19970	90478	363	94333	15538	7412	21159
1385	687881	174300	13800	144650	611	315500	19300	12890	6830
1387	573930	187145	15390	110940	430	197000	21965	15670	25390
1388.....	828739	400040	5091	120888	480	199618	22090	15734	64798
1389.....	817094	297204	3934	146257	353	262630	19731	14225	72760
1390.....	911101	272681	4854	176000	437	350000	18780	15028	73321
1391……..	***1177650***	***249596***	***4522***	***278502***	***850***	***560177***	***17702***	***16134***	***50167***

Source: Fisheries of Iran.

4.55. FISHING VESSELS AT THE END OF THE YEAR BY TYPE (vessel)

Year and Ostan	Total	Boat	Launch	Ship
1375	10158	7265	2807	86
1380	11007	7696	3238	73
1385	12120	8670	3403	47
1387	12142	8950	3148	44
1388	12016	8822	3147	47
1389	11893	8682	3160	51
1390	11717	8500	3163	54
1391	***11586***	***8324***	***3208***	***54***
Bushehr	2145	1570	553	22
Khuzestan	1821	1222	599	0
Sistan & Baluchestan	2362	1426	935	1
Golestan	242	242	0	0
Gilan	316	287	29	0
Mazandaran	319	275	44	0
Hormozgan	4381	3302	1048	31

Source: Fisheries of Iran.

4. 56. FISHERMEN MEMBERS OF COOPERATIVES AT THE END OF THE YEAR BY OSTAN

(person)

Ostan	1375	1380	1385	1387	1388	1389	1390	1391
Total	***34043***	***41588***	***38668***	***37174***	***36999***	***37444***	***36419***	***36137***
Bushehr	11647	8664	9017	8758	8758	8701	8746	8717
Khuzestan	4703	8971	4850	4270	4270	4374	2984	2984
Sistan & Baluchestan	2011	2390	2767	3508	3508	3181	3508	3508
Golestan	[1]000	1402	1537	1537	1539	1684	1695	1695
Gilan	4600	7356	6476	6329	6259	5961	5937	5359
Mazandaran	[1]5264	4968	4176	4055	3966	4198	4199	4174
Hormozgan	5818	7837	9845	8717	8699	9345	9350	9700

1. Statistics for Golestan are included with Mazandaran.

Source: Fisheries of Iran.

4.57. OUTPUT, INTERMEDIATE CONSUMPTION AND VALUE ADDED OF AGRICULTURE, HUNTING AND FORESTRY" AND "FISHERIES" ACTIVITIES AT FACTOR COST

(bln rials)

Description	1375	1380	1385	1386	1387	1388	1389	1390
(At current prices)								
Output	***59005***	***134904***	***342995***	***426995***	***492652***	***591427***	***698388***	***864433***
Farming & horticulture	35129	78460	209705	258713	277396	328061	386483	480040
Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting	21453	51122	121695	154977	198713	243871	286025	350609
Forestry	951	1845	4306	4710	5644	5802	6452	7693
Fishing	1472	3478	7289	8595	10899	13694	19428	26092
Intermediate consumption	***20632***	***52517***	***132900***	***164827***	***203543***	***240412***	***287950***	***366168***
Farming & horticulture	9690	21954	60943	73807	86138	98595	118062	145550
Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting	10265	28757	67989	86561	111701	135004	159999	207479
Forestry	198	409	1271	1253	1640	1685	1978	2526
Fishing	480	1397	2697	3207	4065	5127	7911	10614
Value added	***38373***	***82388***	***210095***	***262168***	***289109***	***351016***	***410438***	***498265***
Farming & horticulture	25440	56505	148763	184906	191258	229466	268421	334490
Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting	11188	22365	53706	68417	87013	108866	126026	143130
Forestry	753	1436	3034	3457	4004	4117	4474	5167
Fishing	992	2081	4592	5388	6834	8567	11517	15478
(At 1376 constant prices)								
Value added	***43208***	***45705***	***59197***	***60754***	***53703***	***61394***	***65833***	***67577***
Farming & horticulture	29953	29332	40526	42207	32240	38539	41844	42326
Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting	11126	14053	15587	15675	18718	20218	21243	22242
Forestry	833	1078	912	781	680	620	611	597
Fishing	1297	1242	2172	2090	2064	2017	2134	2412

Source: Statistical Centre of Iran.