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, the results of which were released for the years 1350 and 1351, 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 1389, 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 1389, more than 735 thousand tons of various types of aquatics were produced and caught, out of which over 37 thousand tons were from the northern waters; more than 411 thousand tons from the southern waters and more than 285 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	***4332423***	***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.

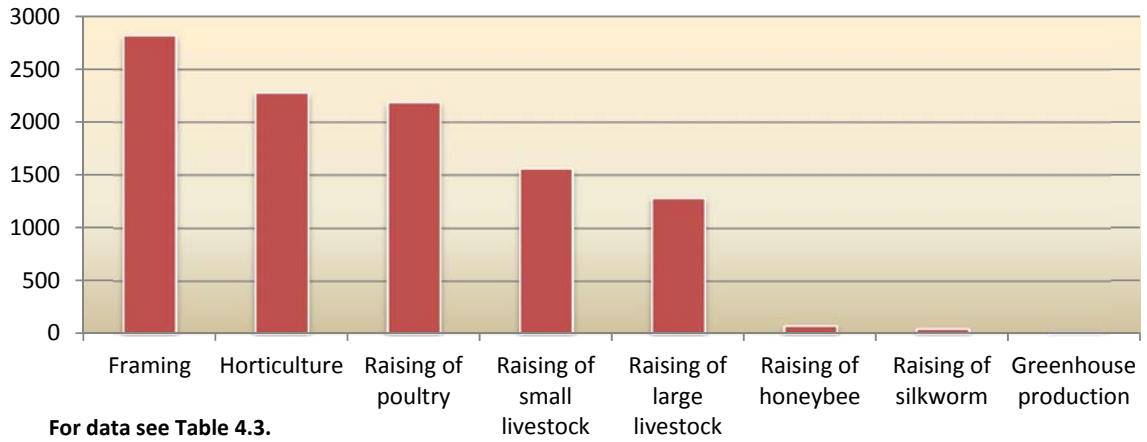
4. 4. AGRICULTURAL HOLDINGS OWNED BY NATURAL PERSONS BY LITERACY STATUS, EDUCATIONAL DEGREE AND AGE OF HOLDER, THE YEAR 1382

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

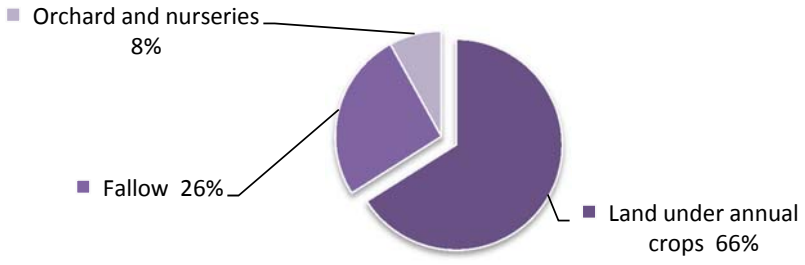
Source: Statistical Centre of Iran.

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.oha	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



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

THE YEAR 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 & Bakhtiyari	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	-	-	□
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	□
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
1385-86(2)	××	××	1033513	13174
1386-87(2)	××	××	722642	9667
1387-88	××	××	738009	7657
1388-89	××	××	747074	10507
1389-90	××	××	***702119***	***11864.3***
East Azarbayejan	××	××	××	××
Sufichay	Sufichay	Alaviyan	28200	30.2
Sattarkhan	Aharchay	××	4750	22
Bonab-e- Marand	Bonab	××	0	0
Zonooz-e chukhorzamee	Zonooz	Zonooz	0	0
West Azarbayejan	××	××	××	××
Dasht-e-Shiblu	Aras	××	1650	33.3
Dasht-e-Zanganeh	Gharasu	××	350	7
Zarrinehrud (Miyandoab)	Zarrinehrud	Bukan	22300	382.5
Mahabad	Mahabad	Mahabad	10350	119.7
Qanbar Kandi	Aras	××	1150	14.8
Hasanlu	Hasanlu	Hasanlu	410	25.2
Poldasht	Payab-e -Zangemar	Makoo	550	11.1
Ardebil	××	××	××	××
Quri chay	Aghchay & Geruchay	Qurichay	1850	8.6
Moghan	Aras	Aras	69200	1250.1
Ardebil	Balkhichay	Yamchee	6300	27.8
Saghezchee	Sarab-e- Ghare Sue	××	0	0
Esfahan	××	××	××	××
Abshar	Zayandehrud	Zayandehrud	5500	43
Borkhar(esfahan)	Zayandehrud	Zayandehrud	0	0.8
Rudashtin	Zayandehrud	Zayandehrud	12	57.4
Karvan (Khamiran)	Morghab	Khamiran	1550	16.5
Mahyar	Zayandehrud	Zayandehrud	0	0
Nekuabad	Zayandehrud	Zayandehrud	6000	42.9
Golpayegan	Golpayegan	Golpayegan	2500	26.4
Hanna	Hanna	Hanna	660	10
Ilam	××	××	××	××
Konjancham (Mehran)	Konjancham	Ilam	200	18.5
Holilan	Seymareh	××	360	10.5
Doviraj 1 & 2	Doviraj1&3	××	950	14.5
Amirabad	Konjancham	Ilam	10	1.2
Dasht-e-Abbas	Karkheh	××	12000	177.8
Meymeh	Meymeh	××	1530	8.6
Mulab	Mulab.	Ilam	850	4.9
Pahle va Parchineh	Pahle	××	0	0
Bushehr	××	××	××	××
Ahram	Ahram	××	800	6.7
Dalaki	Dalki	××	9200	110.2
Abikhsh (former Shabankareh)	Kelk	××	1050	123.9
Kelel	Kelel	××	750	7.2
Tehran	××	××	××	××
Varamin	Jajrud	Latiyan	54600	174.5
Karaj	Karaj	Amirkabir	16800	77.4

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)
Kordan	Kordan	××	8500	13.9
Robat Karim	Robat karim	××	750	7.8
Chaharmahal & Bakhtiyari	××	××	××	××
Ardal	KiyarvaJonqan	××	1280	6.3
Jonaqan	BabrGhar	××	2000	10.4
Gandoman & Boldaji	Chaghakhor	Chaghakhor	1050	11.5
Dasht-e Bar Aftab-e- Kalbali Koshteh	-	××	0	0.1
South Khorasan	××	××	××	××
Shahid Parsa	Zow	Shahid Parsa	0	0
Khorasan-e-Razavi	××	××	××	××
Shahid Yaqubi	Kal Salar	Shahid Yaqubi	950	2.9
Shahid Dehqan	Eshtivan	Shahid Dehqan	0	0.1
Tabarakabad	Tabarakabad	-	890	5.1
Sangard	Sangard -	-	560	5.1
Kamayestan	Kamayestan	Kamayestan	195	1.8
Fariman	Fariman	Fariman	1646	4.9
Doostee	Doostee	Doostee	3500	78.4
Zavin	Zavin	Zavin	0	0.3
Sedeh	Sedeh	××	160	1.8
North Khorasan	××	××	××	××
Shirvan	Ghalejoq	Shirvan	1950	12.2
Chery	Chery	Chery	545	0.9
Esfarayen	Esfarayen	Esfarayen	1350	6.9
Bojnourd (Shireen Dareh)	Shireen Dareh	Shireen Dareh	0	0
Khuzestan	××	××	××	××
Avan	Karkheh	Karkheh	5100	85.9
Dez	Dez	Dez	99800	3719.3
Shavur	Shavur	××	4950	78.2
Fajr & Jayzan	Marun	Marun	4780	65.6
Hamidiyeh & Qods	Karkheh	Karkheh	14150	220.5
Gotvand	Karun	Shahid Abbaspour	35400	976.7
Marun (Behbahan)	Marun	Marun	17500	321.1
Veys	Karun	Shahid Abbaspour	7500	140.6
Beneh Basht	Marun	Marun	2150	35.4
Shahid Rajaee	Karun	××	4800	52.1
Ramshir	Marun	Marun	7150	79.1
Shadegan	Marun	Marun	3250	45.9
Mianab	Karun	Masjed Soleiman	3600	128.2
Damghani	Marun	Marun	2850	43.8
Kowsar	Karkheh	Karkheh	2500	28.6
Karkheh-e- Jonoubee	Karkheh	Karkheh	3600	56.8
Karkheh-e- Shomalee	Karkheh	Karkheh	5950	69.4
Abadan & Khoramshahr	Karun	Masjed Soleiman	0	0.7
Hendijohn	Zohre	××	850	7.3
Semnan	××	××	××	××
Garmsar	Hablehrud	××	23500	160.4
Sistan & Baluchestan	××	××	××	××
Bampur	Bampur	××	250	5.2
Chah nimeh	Sistan	Chahnimeh	24500	276.3
Miyankangi	Paryanmoshtarak	××	18500	124.9

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]
Bahukalat	Bahukalat	Pishin	3960	53.1
Fars	××	××	××	××
Dorudzan)	Kor	Dorudzan	11200	172.8
Iezadkhast	Kor	Iezadkhast	0	0
Qazvin	××	××	××	××
Qazvin	Taleqan	Taleqan	47829	294.4
Kordestan	××	××	××	××
Zarivar (Marivan)	Zarivar	Zarivar	0	0
Qeshlaq (Sanandaj)	Qeshlaq	Qeshlaq	320	3.2
Kamyaran	Komyaran	××	0	0.3
Legzy	Legzy	Shahid Kazemee	0	0
Kerman	××	××	××	××
Jiroft	Halilrud	Jiroft	2600	36.4
Narmashir	Narmashir	Nesa	1350	11.6
Kermanshah	××	××	××	××
Berimvand	Alvand	××	2300	17.3
Jegarlu	Alvand	××	510	5.5
Ravansar	Sarab Ravansar	××	850	7.4
Sefidbarg	Sefidbarg	××	165	4.4
Sumar	Kangir	××	800	8.9
Eainlqas	Eainlqas	××	820	7.4
Nazliyan	Nazliyan	××	1650	21.5
Mian darband	Mian darband	Gavshan	286	2.4
Bilevar	Bilevar	××	0	0.1
Kohgiluyeh & Boyerahmad	××	××	××	××
Servak & Shahqasem	Bashar	Shahqasem	1150	21.6
Dasht-e-rum	Dashterum	××	690	13
Dasht-e-choram	Chah	××	1850	13.8
Dasht-e-chitab	Kikian	××	860	8.9
Lishter & kheirabad	Lishter	Kowsar	250	0.7
Golestan	××	××	××	××
Voshmgir	Gorganrud	Vushmgir	16500	40.7
Golestan 1	Gorganrud	××	2800	14.4
Kowsar	Nomel–Garmamdasht	Kowsar (Nomel)	150	1
Bustan	Gorganrud	-	750	6.2
Gilan	××	××	××	××
Sefidrud & Fumanat[2]	Sefidrud	Sefidrud	55800	1590.5
Lorestan	××	××	××	××
Chogholvandi	Babalian	××	1690	16.6
Aliabad (Dorud)	Silakhor	××	780	23.1

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)
Silakhur	Marire	××	4200	90.1
Mazandaran	××	××	××	××
Tajan	Tajan	Shahid Rajaee	11850	107
Markazi	××	××	××	××
Saveh	Qarechai	Saveh	4500	30.3
Hormozgan	××	××	××	××
Minab	Minab	Esteqlal	9361	77.1
Jegin	Jegin	Jegin	1920	23.1
Hamedan	××	××	××	××
Shaban Borzul	Gamasiyab	-	1750	27.7

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	1386	1387	1388	1389	1390
Wheat	410	1050	2050	2250	3050	3300	3600	3950
Barley	317	800	1520	1650	2700	2600	2900	3400
Grain corn	348	890	1620	1750	2760	2760	3000	3500
Peas	727	1870	5000	5400	6480	6480	6800	7900
Navy beans	870	2240	4500	×	5830	×	×	7000
Kidney beans	808	2065	4500	4850	5830	5820	6000	7000
Pinto beans	1030	2650	4500	4850	5830	5960	6200	7200
Lentils	895	2285	5000	5400	6480	6480	6800	7900
Sugar beets	97	252	460	500	620	750	900	1050
Cotton (unginned)	1600	2820	5000	5400	6480	7500	9000	10500
Soybeans	683	1770	3200	3450	5350	5350	5200	6620
Sunflower seeds	870	2035	3400	3670	5700	5700	6000	7000
Potatoes	174	437	883	910	1080	1350	1450	1470
Onions	137	377	627	670	790	900	900	1050

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
1386.....	2089	2155	4985	6323	12053	6288	503	6759	18628
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***
East Azarbayejan....	3427	4330	×	8566	14883	11928	×	9229	×
West Azarbayejan ..	3467	3731	×	12398	×	12071	896	×	×
Ardebil	3508	3788	×	12278	17126	15050	×	7178	×
Esfahan	3493	3357	11956	×	×	×	1088	10846	×
Alborz	3008	3224	×	×	×	×	×	×	×
Ilam	3600	2835	×	10964	14000	15024	×	×	×
Bushehr	3671	3182	×	×	×	×	×	×	×
Tehran	3515	3412	×	7929	×	×	×	×	×
Chaharmahal & Bakhtiyari	3349	3885	×	×	15848	12849	1013	×	×
South Khorasan	3617	3728	×	×	×	×	714	12932	×
Khorasan-e-Razavi.	3488	3921	×	10950	×	×	887	11634	×
North Khorasan.	3482	3947	×	11699	18000	9848	1043	10668	×
Khuzestan	3584	2928	5173	×	×	×	×	×	×
Zanjan.....	3151	4037	7239	9512	18217	14957	889		×
Semnan.....	3452	3313	×	×	17000	12439	980	3279	×
Sistan & Baluchestan	3510	2629	×	×	×	×	×	×	×
Fars.....	3566	3461	12080	13056	15162	13435	963	12346	×
Qazvin.....	3329	3245	×	13215	19995	16660	786	×	×
Qom	3428	3006	×	×	17357	×	×	12400	×
Kordestan	3305	3567	×	14957	×	23413	×	×	×
Kerman.....	3691	3355	×	14201	×	×	×	5619	×
Kermanshah	3490	3642	×	13162	×	19058	963	×	×
Kohgiluyeh & Boyerahmad	3595	3673	6697	×	14412	14055	×	×	×
Golestan..	3587	3315	10245	×	×	×	×	12111	31574
Gilan.....	3716	×	10615	×	×	×	×	×	36000
Lorestan	3490	3308	×	×	19209	14905	901	×	×
Mazandaran.....	3502	3110	8685	×	15634	×	×	×	35468
Markazi...	3502	3472	×	×	18263	×	1642	10427	×
Hormozgan.....	3675	×	×	×	×	×	×	×	×
Hamedan...	3312	3747	×	10285	×	8025	×	×	×
Yazd	3436	3418	×	×	×	×	×	×	×

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
1386	43756	5940	1669	965	2043	2579	1160	1127	1492
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***
East Azarbayejan	×	15394	2023	997	1807	2125	2872	1154	2352
West Azarbayejan	×	6125	2687	1735	4252	2546	2939	1559	2661
Ardebil	×	×	×	919	2261	1960	×	1256	2087
Esfahan	×	×	3546	1877	2466	1683	1608	1996	3217
Alborz	×	×	×	×	2453	×	2000	1704	3162
Ilam	×	×	3904	2553	3922	×	3222	2997	2715
Bushehr	35729	×	3956	1735	3118	×	2823	6893	×
Tehran	×	×	×	×	5383	4000	2502	2361	3338
Chaharmahal & Bakhtiyari	×	×	×	×	4037	2451	×	3385	3641
South Khorasan	×	×	2563	1656	3700	×	4352	3969	3597
Khorasan-e-Razavi	24364	×	2996	877	3898	2931	2932	1541	3815
North Khorasan	×	8110	3352	1500	4614	3514	3563	1637	3428
Khuzestan	×	×	2028	1668	3645	2221	593	2130	2613
Zanjan	×	×	2618	1413	5456	2084	3676	1454	3298
Semnan	×	5600	3342	2116	3491	2699	2716	2571	3356
Sistan & Baluchestan	50000	×	2424	3414	4689	×	1279	3812	4657
Fars	×	×	1738	1212	3398	2659	1855	1393	3524
Qazvin	×	×	2950	1194	3591	2570	3500	1200	3072
Qom	×	×	1902	1282	×	×	2864	×	3279
Kordestan	×	11500	×	1843	6983	2053	×	2298	3112
Kerman	×	×	2072	2142	6460	4514	1490	2407	2823
Kermanshah	×	19000	×	1983	2282	×	1829	1538	2983
Kohgiluyeh & Boyerahmad	×	×	2609	830	3657	×	×	3476	4038
Golestan	×	×	3953	1787	2138	2153	3121	1293	×
Gilan	×	×	6330	1226	5180	×	×	3334	×
Lorestan	×	×	×	1917	3169	2552	×	1551	2525
Mazandaran	×	×	2204	1168	3571	2511	3777	2493	×
Markazi	×	×	4174	1534	5989	3557	2989	2172	3252
Hormozgan	×	×	×	3105	3744	×	1620	4374	×
Hamedan	×	×	×	1345	6696	1614	2945	1433	3104
Yazd	×	×	4857	1204	6240	×	2500	2316	3506

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***
East Azarbayejan .	6017	4650	10549	3756	×	×	×	×	51488	53118
West Azarbayejan .	8135	6287	×	5251	×	×	×	×	58800	52065
Ardebil	4213	5646	8262	8989	×	×	×	×	×	59156
Esfahan.....	6093	7925	×	14407	×	×	5282	×	×	49167
Alborz	4503	6283	15784	4990	×	×	×	×	×	56485
Ilam	×	16759	×	11054	×	×	13000	×	×	63469
Bushehr	×	×	×	×	×	5225	×	×	×	×
Tehran....	8729	14038	12164	7898	×	×	×	×	×	58175
Chaharmahal & Bakhtiyari.	6584	7630	×	5652	×	×	×	×	40445	57969
South Khorasan	×	4565	8000	4540	×	×	8484	×	36089	69576
Khorasan-e-Razavi	6816	6981	9407	4147	×	×	5741	60140	22444	55106
North Khorasan	6312	4285	8335	4688	×	×	×	×	37500	54452
Khuzestan.....	×	×	×	×	4327	4277	×	×	×	×
Zanjan	7535	×	×	3778	×	×	7704	×	34750	35709
Semnan.....	7821	7116	12632	7616	×	×	8364	×	26250	56564
Sistan & Baluchestan ..	×	×	×	9302	×	5448	10678	65432	×	×
Fars	5704	11448	×	5463	5833	3827	7667	×	20286	×
Qazvin	8816	11754	7238	5680	×	×	11416	86352	23000	50103
Qom.....	9185	6059	9472	5815	×	×	8558	100082	22022	46849
Kordestan	6433	7631	×	5049	×	×	×	×	×	42923
Kerman.....	6544	13389	9552	7692	6873	9754	14329	67778	49669	55810
Kermanshah .	4157	9930	11667	4482	×	×	15172	×	×	24083
Kohgiluyeh & Boyerahmad	4630	16074	×	5077	5000	×	9000	×	×	61176
Golestan	×	×	×	×	5227	×	×	×	×	×
Gilan.....	×	×	×	×	4242	×	×	×	×	43485
Lorestan.....	×	×	×	5008	×	×	×	×	×	×
Mazandaran ..	4529	4004	5727	×	5460	×	×	×	×	49650
Markazi	6999	16803	×	5519	×	×	13347	×	×	51277
Hormozgan...	×	×	×	×	5961	6442	×	×	×	×
Hamedan	7787	5523	×	×	×	×	×	×	×	50000
Yazd	×	24495	×	6978	×	×	6660	88338	×	×

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		1385-86		1386-87	
	Costs of production	Farm-gate prices	Costs of production	Farm-gate prices	Costs of production	Farm-gate prices
Irrigated wheat	5231670	1436	5565800	1519	6386490	2485
Rainfed wheat	1403370	1599	1696090	1673	1835530	5629
Irrigated barley	4116960	1469	4768430	1629	5566600	2827
Rainfed barley	1350890	1712	1652360	1632	1630650	6375
Irrigated grain corn	7341900	1008	8349920	1155	8757840	1445
Irrigated peas	4086560	3478	4525690	4771	3616880	7865
Rainfed peas	1960230	4741	2129010	4951	2019830	13202
Irrigated lentils	4459670	4962	5202950	5428	6279630	8632
Rainfed lentils	2073850	5364	2442040	5708	2795230	9818
Irrigated sunflower	7356290	4349	11166780	5886	10399420	5789
Rainfed sunflower	2117150	2717	3172570	3699	3573600	4146
Irrigated cotton	8443130	3456	9082240	3649	11569550	4438
Rainfed cotton	2873600	2535	5706500	4488	6084190	5267
Sugar beets	11179050	323	13233730	389	14185940	360
Irrigated watermelons	10088710	397	11527940	445	11908080	486
Rainfed watermelons	2704070	561	2456500	420	6322430	906
Irrigated cucumbers	18617830	945	18472090	1032	25882520	1096
Irrigated potatoes	19819240	770	28271310	937	27823350	1127
Irrigated onions	16719320	531	22663150	674	26345610	642
Irrigated tomatoes	21195640	616	23957610	652	29646690	794
Irrigated navy beans	8142080	3622	11022310	5574	11904640	6005
Irrigated kidney beans	7966250	3044	11395680	5813	12233970	6827
Irrigated pinto beans	9652740	4354	12407020	4640	12947060	6336
Irrigated spring soybeans	5508730	2250	-	-	10267760	3760
Rainfed spring soybeans	4263530	3057	5333510	2023	4949900	2626
Irrigated summer soybeans	5508080	2357	6567880	2433	7254660	2874
Rainfed summer soybeans	2693840	2538	4449710	3075	4313410	2902
Quality long grain rice	18511450	4938	18929670	5073	26792130	7485
High-yielding long grain rice	12569820	2106	13992060	2103	19122210	2803
Quality mid-size rice	16050140	4061	21292370	4498	25120940	6506
Short grain rice	10663970	2857	9246340	2798	16020060	4849

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

Crop	1387-88		1388-89	
	Costs of production	Farm-gate prices	Costs of production	Farm-gate prices
Irrigated wheat	7026100	2095	7253270	2090
Rainfed wheat	2160810	2323	2503830	1950
Irrigated barley	7015880	2083	8153460	2200
Rainfed barley	2382860	2488	2371780	2040
Irrigated grain corn	12315160	1737	11656680	1900
Irrigated peas	7516570	7005	8488480	7540
Rainfed peas	2439960	8402	3051190	7390
Irrigated lentils	7674540	7979	9847970	7170
Rainfed lentils	3226900	9217	3639710	7570
Irrigated sunflower	10329430	6579	9233610	5530
Rainfed sunflower	4155910	4313	3237600	3910
Irrigated cotton	13546160	6268	14610440	6070
Rainfed cotton	6925690	5229	0	0
Sugar beets	19035260	549	20366360	440
Irrigated watermelons	15950660	683	17482630	580
Rainfed watermelons	5548390	743	6258060	640
Irrigated cucumbers	26759220	1357	32795210	1530
Irrigated potatoes	28679210	1105	39656680	1230
Irrigated onions	26021310	869	24299870	760
Irrigated tomatoes	30967450	824	31276340	940
Irrigated navy beans	14617060	8740	15483630	7060
Irrigated kidney beans	13054240	7158	12969040	5590
Irrigated pinto beans	14891930	7859	15017050	8320
Irrigated spring soybeans	0	0	8315690	3940
Rainfed spring soybeans	6560560	2506	6179500	3990
Irrigated summer soybeans	9975640	3356	11402180	4230
Rainfed summer soybeans	0	0	0	0
Quality long grain rice	27350770	7246	29689430	8140
High-yielding long grain rice	22820740	3493	20179150	3800
Quality mid-size rice	28836890	6503	19433330	4840
Short grain rice	19887760	6525	8780310	2960

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

Source: Ministry of Jihad-e-Agriculture.

4. 22. AMOUNT OF FERTILIZERS DISTRIBUTED BY TYPE (ton)

Year and Ostan	Total	Nitrogenous	Phosphate	Potash	Macro & micro elements
1375	2225669	1370893	813192	41578	0
1380	2919813	1761637	656242	213176	288758
1385	4574238	2511989	1244861	378162	439226
1386	3416482	2135803	853823	277928	148929
1387[1]	3345785	2300466	836236	204333	4750
1388	2959453	1978566	737903	67382	175600
1389	2699920	1713796	[2]878466	82258	25400
1390	***1603623***	***1093827***	***315146***	***61900***	***132750***
East Azarbayejan	67841	36956	25985	2800	2100
West Azarbayejan	73033	44231	19616	2986	6200
Ardebil	67506	37634	22277	3995	3600
Esfahan	53147	44263	1186	2598	5100
Alborz[3]	000	000	000	000	000
Ilam	30333	19545	8301	487	2000
Bushehr	20172	14181	4233	1258	500
Tehran[3]	32170	25252	2080	1788	3050
Chaharmahal & Bakhtiyari	24678	13966	8115	1197	1400
South Khorasn	13359	10489	1670	0	1200
Khorasan-e-Razavi	86514	76426	1097	391	8600
North Khorasn	33963	29146	2517	400	1900
Khuzestan	185157	106104	56968	7435	14650
Zanjan	33984	21843	8241	1200	2700
Semnan	14551	10073	1987	891	1600
Sistan & Baluchestan	19188	14607	2981	0	1600
Fars	163724	133594	3849	10981	15300
Qazvin	46154	32114	7840	2520	3680
Qom	15429	10744	2932	703	1050
Kordestan	43166	24676	14707	1783	2000
Kerman[4]	66727	53592	5035	0	8100
Kermanshah	96609	59972	26795	1792	8050
Kohgiluyeh & Boyerahmad	19132	13759	3176	397	1800
Golestan	71565	56387	7430	698	7050
Gilan	48907	32571	8977	4009	3350
Lorestan	60599	33710	18865	2024	6000
Mazandaran	58878	45436	7448	1294	4700
Markazi	47746	29350	10631	1595	6170
Hormozgan	18048	14167	491	1990	1400
Hamedan	67339	37882	18568	4489	6400
Yazd	13057	11157	200	200	1500

1. Difference between the total and sum of parts is due to the inclusion of phosphate fertilizer in the total, distributed in Ostans directly by fertilizer manufacturing companies.

2. Excluding the amount of 10949 tons of phosphate fertilizer distributed for the manufacturing company.

3. The Alborz statistics is included in Tehran's

4.The amount of fertilizer distributed in Jiroft is included in Kerman Ostan

Source: Agricultural Support Services Company.

4. 23. PESTICIDES SOLD BY TYPE (ton)

Year	Total	Insecticides	Acaricides	Fungicides	Herbicides	Rodenti-cides	Mollusc-ocides	Granule and oil[1]	Others
1375	15823	[2]7986	1152	1921	4661	55	14	[2]000	34
1380	25578	[3]8663	1134	2813	7211	122	65	5537	33
1385	20894	[3]3917	240	3285	9971	5	0	3394	82
1386	14354	[3]920	129	2208	7120	73	1	3856	47
1387	7818	351	75	1207	2537	33	0	3558	57
1388	5830	288	65	602	1806	0	0	2969	100
1389	3267	148	15	468	865	0	0	1771	0
1390	***3574***	***162***	***30***	***188***	***1181***	***0***	***0***	***2004***	***9***

1. Including diazinon granules, padan granules, emulsified oil and regent.

2. Granule and oil pesticides are included with insecticides in 1375.

3. Including tablets.

Source: Agricultural Support Services Company.

4. 24. 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]522	[1] 537	7031	4644
1384	25338	22969	787	771	5696	5634
1385	32929	27351	968	968	6010	5858
1386	35244	37097	884	756	8177	7573
1387	20236	23076	248	214	3885	3048
1388	13309	17297	362	442	2738	3018
1389	***18403***	***19184***	***229***	***257***	***4451***	***4479***

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

4.25. 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.

4.26. 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. 26. 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. 26. 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. 27. 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. 27. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCKS ON THE ENUMERATION DAY BY OSTAN (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.

Source: Statistical Centre of Iran.

4. 28. 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. 28. 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. 29. HOLDINGS WITH GENERATING LIVESTOCK, THEIR NUMBER OF LIVESTOCK, PRODUCTION OF SHEEP WOOL, AND GOAT HAIR AND SOFT WOOL BY OSTAN

(head; ton)

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[1]	***000***	***000***	***000***	***000***	***000***	***000***
East Azarbayejan	000	000	000	000	000	000
West Azarbayejan	000	000	000	000	000	000
Ardebil	000	000	000	000	000	000
Esfahan	000	000	000	000	000	000
Alborz	000	000	000	000	000	000
Ilam	000	000	000	000	000	000
Bushehr	000	000	000	000	000	000
Tehran	000	000	000	000	000	000
Chaharmahal & Bakhtiyari	000	000	000	000	000	000
South Khorasan	000	000	000	000	000	000
Khorasan-e-Razavi	000	000	000	000	000	000
North Khorasan	000	000	000	000	000	000
Khuzestan	000	000	000	000	000	000
Zanjan	000	000	000	000	000	000
Semnan	000	000	000	000	000	000
Sistan & Baluchestan	000	000	000	000	000	000
Fars	000	000	000	000	000	000
Qazvin	000	000	000	000	000	000
Qom	000	000	000	000	000	000
Kordestan	000	000	000	000	000	000
Kerman	000	000	000	000	000	000
Kermanshah	000	000	000	000	000	000
Kohgiluyeh & Boyerahmad	000	000	000	000	000	000
Golestan	000	000	000	000	000	000
Gilan	000	000	000	000	000	000
Lorestan	000	000	000	000	000	000
Mazandaran	000	000	000	000	000	000
Markazi	000	000	000	000	000	000
Hormozgan	000	000	000	000	000	000
Hamedan	000	000	000	000	000	000
Yazd	000	000	000	000	000	000

1. Not available.

Source: Statistical Centre of Iran.

4. 30. 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. 31. 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. 32. 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	15290	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
East Azarbayejan	816	645	171	8692	4758
West Azarbayejan	544	475	69	9622	6970
Ardebil	251	244	7	4409	2365
Esfahan	1746	1361	385	27859	11639
Alborz	206	106	100	1938	1193
Ilam	215	190	25	3011	3009
Bushehr	103	97	6	2529	2033
Tehran	325	178	147	6034	2109
Chaharmahal & Bakhtiyari	153	146	7	2732	671
South Khorasan	722	549	173	7341	769
Khorasan-e-Razavi	1363	1068	295	16590	6903
North Khorasan	63	58	5	1202	364
Khuzestan	682	574	108	10363	2530
Zanjan	123	116	7	3309	2813
Semnan	512	389	123	8629	2228
Sistan & Baluchestan	125	80	45	2172	0
Fars	999	680	319	12853	8041
Qazvin	467	382	85	8151	3897
Qom	288	206	82	4190	1374
Kordestan	424	400	24	6434	5744
Kerman	674	486	188	5033	1445
Kermanshah	785	624	161	5846	2346
Kohgiluyeh & Boyerahmad	109	81	28	1385	230
Golestan	712	648	64	14565	9716
Gilan	657	588	69	10683	7936
Lorestan	425	339	86	5772	4099
Mazandaran	1551	1392	159	24173	12993
Markazi	638	581	57	10640	6090
Hormozgan	187	138	49	3271	1131
Hamedan	520	432	88	5807	3777
Yazd	807	625	182	10381	4179

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. 33. 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***
East Azarbayejan	221	585	7425
West Azarbayejan	20	47	502
Ardebil	19	26	507
Esfahan	132	343	7185
Alborz	81	369	5977
Tehran	127	634	11855
Chaharmahal & Bakhtiyari	5	9	150
South Khorasan	15	29	454
Khorasan-e-Razavi	199	505	7685
Khuzestan	6	40	418
Zanjan	16	48	871
Semnan	20	38	892
Fars	28	124	2515
Qazvin	36	246	5234
Qom	143	452	6174
Kordestan	7	12	208
Kerman	15	51	861
Kermanshah	15	32	726
Kohgiluyeh & Boyerahmad	4	7	150
Golestan	13	77	1724
Lorestan	3	10	90
Mazandaran	20	28	607
Markazi	73	162	2952
Hamedan	34	89	1558
Yazd	28	66	1261
Other Ostan[2]	6	14	380

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. 34. 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. 35. 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. 36. 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
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
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. 37. 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	27506	4942
1372	47695	13323
1374	95815	29432
1378	304897	52986
1382	647729	89150
1385	-	-
Broiler chicken farms		
1375	70209	17580
1378	112460	32385
1379	127416	32791
1382	360909	80808
1388	-	-
1389	1437081	204998
Layer chicken and pullet farms		
1377	47909	14562
1379	73064	20239
1381	105643	29473
1384	190215	40400
1388	-	-
1389	413384	74735
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. 38. 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. 39. 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	158342633	61428902	10420741	83116070	464473	2912447
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	38572043	12898859	2084860	23089472	180477	498852
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. 40. PRODUCTION OF RED MEAT AND MILK (1000 tons)

Year and Ostan	Red meat	Milk
1375	685	4705
1380	743	5748
1385	829	7741
1386	866	8312
1387	870	8772
1388	902	9552
1389	934	10242
1390	***967***	***10822***
East Azarbayejan	66	744
West Azarbayejan	57	519
Ardebil	38	374
Esfahan	51	1030
Alborz	10	279
Ilam	14	61
Bushehr	14	60
Tehran	29	849
Chaharmahal & Bakhtiyari	26	255
South Khorasan	21	151
Khorasan-e-Razavi	65	817
North Khorasan	21	137
Khuzestan	48	422
Zanjan	15	149
Semnan	14	146
Sistan & Baluchestan	23	95
Fars	77	533
Qazvin	26	396
Qom	11	150
Kordestan	22	154
Kerman	42	334
Kermanshah	29	255
Kohgiluyeh & Boyerahmad	13	74
Golestan	29	468
Gilan	25	250
Lorestan	41	330
Mazandaran	52	664
Markazi	25	355
Hormozgan	14	73
Hamedan	35	486
Yazd	14	212

Sources: Centre for Rural Researches and Agricultural Economy;
- Ministry of Jihad-e-Agriculture.

4. 41. 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	22456	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.

4.42.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.

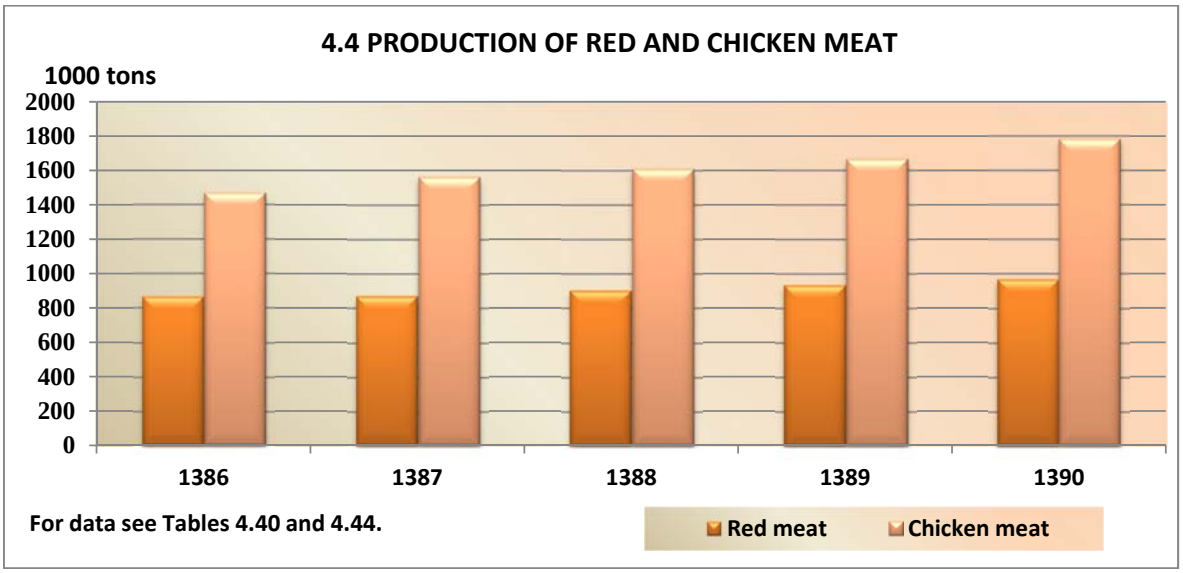
4. 43. NUMBER AND WEIGHT OF LIVESTOCK SLAUGHTERED AT AUTHORIZED SLAUGHTERHOUSES (1000 carcasses- 1000 tons)

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
1386[1]	13209	429	9412	161	2425	34
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***

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
1386[1]	1306	223	36	6	30	6
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***

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

Source: Statistical Centre of Iran.



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

Year and Ostan	Meat	Egg
1375	676	486
1380	885	581
1385	1360	677
1386	1468	695
1387	1565	727
1388	1610	751
1389	1666	767
1390	***1783***	***700***
East Azarbayejan	76	100
West Azarbayejan	65	16
Ardebil	41	10
Esfahan	117	65
Alborz	46	30
Ilam	29	1
Bushehr	22	1
Tehran	78	62
Chaharmahal & Bakhtiyari	27	3
South Khorasan	44	8
Khorasan-e-Razavi	113	118
North Khorasan	19	3
Khuzestan	68	5
Zanjan	36	9
Semnan	45	11
Sistan & Baluchestan	30	5
Fars	106	37
Qazvin	63	26
Qom	47	25
Kordestan	35	5
Kerman	48	14
Kermanshah	36	7
Kohgiluyeh & Boyerahmad	14	4
Golestan	88	18
Gilan	78	17
Lorestan	50	5
Mazandaran	152	13
Markazi	68	29
Hormozgan	26	1
Hamedan	67	25
Yazd	49	27

Sources: Ministry of Jihad-e-Agriculture.

4. 45. 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***
East Azarbayejan	73351	1466186	456	4094	59601	14097
West Azarbayejan	65278	1350404	1183	13346	52437	12573
Ardebil	36103	743456	291	3258	25735	6200
Esfahan	168997	3415415	504	4437	147752	43926
Alborz	11874	230238	140	2504	14570	3859
Ilam	27214	543166	75	1162	25914	7962
Bushehr	18793	391526	202	2388	9956	3765
Tehran	41647	806754	8	84	43296	11320
Chaharmahal & Bakhtiyari	24320	493767	255	3263	16186	4582
South Khorasan[2]	42245	838578	283	3420	31286	7216
Khorasan-e-Razavi[2]	125739	2538851	838	12695	88721	26471
North Khorasan[2]	11558	241926	77	1492	10124	2926
Khuzestan	63025	1324668	1074	13086	44471	15523
Zanjan	28294	571790	30	561	19338	3830
Semnan	68321	1393901	2239	28605	44285	10048
Sistan & Baluchestan	10318	232858	274	5318	5862	1713
Fars	79961	1632270	646	7082	72923	25158
Qazvin	64130	1321593	58	864	47835	12851
Qom	32017	626461	147	1342	24895	7289
Kordestan	54932	1140913	220	2951	42958	12820
Kerman	36027	745363	414	4354	23380	12782
Kermanshah	46722	920341	454	5071	33718	11265
Kohgiluyeh & Boyerahmad	9199	196832	48	501	8099	2319
Golestan	151961	2947636	748	8733	95328	18073
Gilan	94175	1906934	309	4984	88391	6411
Lorestan	37162	757768	695	10241	27580	6944
Mazandaran	239464	4779112	1605	21693	167619	23948
Markazi	83789	1707406	238	2545	55285	15924
Hormozgan	16992	346781	152	2160	5995	2416
Hamedan	40519	800264	133	1349	39160	10375
Yazd	58711	1215324	365	3152	41190	15540

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

2. Data for South Khorasan and North Khorasan are included with Khorasan-e- Razavi.

Source: Statistical Centre of Iran.

4. 46. 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
1390	***686531***	***8548520***	**…**	**…**	_	_
East Azarbayejan	78677	960344	…	…	_	_
West Azarbayejan	6320	70459	…	…	_	_
Ardebil	2069	27105	…	…	_	_
Esfahan	75666	834851	…	…	_	_
Alborz	30194	820618	…	…	_	_
Tehran	118041	1232295	…	…	_	_
Chaharmahal & Bakhtiyari	1656	22947	…	…	_	_
South Khorasan	82954	870050	…	…	_	_
Khorasan-e-Razavi	4404	63038	…	…	_	_
Khuzestan	2061	29716	…	…	_	_
Zanjan	11320	133295	…	…	_	_
Semnan	8193	90259	…	…	_	_
Fars	32257	461531	…	…	_	_
Qazvin	63101	678132	…	…	_	_
Qom	79187	1108011	…	…	_	_
Kordestan	2027	28824	…	…	_	_
Kerman	4211	72007	…	…	_	_
Kermanshah	5838	58652	…	…	_	_
Kohgiluyeh & Boyerahmad	154	2459	…	…	_	_
Golestan	20038	266448	…	…	_	_
Lorestan	963	10568	…	…	_	_
Mazandaran	5171	63480	…	…	_	_
Markazi	29013	370475	…	…	_	_
Hamedan	13046	147985	…	…	_	_
Yazd	8194	98512	…	…	_	_
Other Ostans[(2)]	1776	26460	…	…	_	_

4. 46. 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
1390	***13937***	***137027***	***478298***	***116679***
East Azarbayejan	1071	10575	61653	11623
West Azarbayejan	3	19	2277	433
Ardebil	3	45	882	101
Esfahan	1818	15095	46225	10973
Alborz	1423	16831	24421	5101
Tehran	3216	28121	98881	23993
Chaharmahal & Bakhtiyari	0	0	950	285
South Khorasan	99	938	2949	836
Khorasan-e-Razavi	1796	21515	62220	15597
Khuzestan	196	1851	1251	340
Zanjan	196	2948	3988	825
Semnan	54	483	4314	771
Fars	161	1164	18472	5575
Qazvin	1634	13185	41487	11024
Qom	436	7236	49767	16371
Kordestan	2	23	966	130
Kerman	27	238	2445	1143
Kermanshah	433	3651	4713	356
Kohgiluyeh & Boyerahmad	0	0	180	54
Golestan	550	5627	12114	1864
Lorestan	1	5	1040	52
Mazandaran	226	1534	6822	320
Markazi	42	296	18699	5636
Hamedan	429	4608	7237	1962
Yazd	60	487	2640	904
Other Ostans[2]	61	553	1705	410

1. Chicken culled for various reasons or delivered to slaughterhouses at the end of raising period can be used as meat.
2. Including all Ostans that have not been mentioned

Source: Statistical Centre of Iran.

4. 47. 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. 47. 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. 48. 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	⊘	⊘
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. 49.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
1386	29078	378018	215881	1554746
1387	30843	404379	229091	1673355
1388	32593	422984	245600	1831517
1389	34906	459204	265847	3755954
1390	***37320***	***459202***	***292382***	***3146011***
Cooperatives under establishment				
1375	136	1388	790	5295
1380	965	35531	9504	51407
1385	4613	72303	37474	140032
1386	6414	90336	51124	198813
1387	7500	101645	59088	226519
1388	8540	113098	70129	366506
1389	4299	64363	32671	750722
1390	***5664***	***62125***	***51341***	***739081***
Cooperatives in operation				
1375	3218	47787	31602	446559
1380	8006	118595	69787	804515
1385	14119	190318	109659	1063415
1386	15309	201815	118999	1157945
1387	15916	216392	123710	1237226
1388	16603	223298	129038	1261231
1389	16459	204021	134859	2554851
1390	***16485***	***211851***	***134807***	***1869834***
East Azarbayejan	384	4712	3524	37711
West Azarbayejan	255	2843	2652	62442
Ardebil	281	2479	1533	20766
Esfahan	446	7934	4095	133657

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

Description	Number	Members	Employed	Capital (mln rial)
Alborz	241	5195	5991	11828
Ilam	585	9955	4512	26775
Bushehr	301	2821	2247	13844
Tehran	543	8729	7970	59384
Chaharmahal & Bakhtiyari	285	3343	2866	18287
South Khorasan	187	3409	1506	6130
Khorasan-e-Razavi	1038	24118	7067	73538
North Khorasan	293	2224	1340	12208
Khuzestan	763	6499	8240	38044
Zanjan	763	7162	6269	246521
Semnan	297	4460	2185	30442
Sistan & Baluchestan	282	2126	2504	9818
Fars	588	10768	3257	50829
Qazvin	155	1418	1402	65863
Qom	159	4038	1099	44854
Kordestan	182	3770	954	21450
Kerman	1109	13410	8605	139142
Kermanshah	694	11802	9301	29448
Kohgiluyeh & Boyerahmad	353	3263	3065	7473
Golestan	2470	22113	11487	72601
Gilan	438	6296	5022	63512
Lorestan	527	6054	4139	214839
Mazandaran	1141	14261	10899	65510
Markazi	372	4497	1446	100037
Hormozgan	721	5996	5207	12547
Hamedan	219	2097	1935	39882
Yazd	413	4059	2488	140452

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

4. 50. 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
1386	2140	1027564	489035
1387	2123	1015412	609885
1388	2203	1001633	624284
1389	2106	1076760	727858
1390	***1997***	***1068541***	***836954***
Chicken farming	291	16470	348317
Animal husbandry	502	509233	295200
Cultivation of wheat	111	41944	15716
Horticulture	97	154129	43136
Apiculture	161	48891	25824
Combine management	13	1417	1192
Range management	6	407	52
Mechanization	65	5593	2948
Others	751	290457	104569

Source: Central Organization of Rural Cooperatives.

4. 51.GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY OSTAN AT THE END OF THE YEAR, THE YEAR 1390

Ostan	Number of co-ops	Members
Total country	***1997***	***1068541***
East Azarbayejan	137	104872
West Azarbayejan	76	38631
Ardebil	41	18405
Esfahan	143	88605
Alborz	22	6557
Ilam	29	947
Bushehr	15	208
Tehran	71	-
Chaharmahal & Bakhtiyari	27	4886
South Khorasan	61	30005
Khorasan-e-Razavi	162	123470
North Khorasan	34	11818
Khuzestan	33	3190
Zanjan	15	4515
Semnan	27	12917
Sistan & Baluchestan	69	9166
Fars	100	69795
Qazvin	65	18477
Qom	17	16612
Kordestan	35	11744
Kerman	297	38173
Kermanshah	87	30591
Kohgiluyeh & Boyerahmad	27	3948
Golestan	50	68830
Gilan	94	115329
Lorestan	22	18342
Mazandaran	68	87565
Markazi	45	27739
Hormozgan	41	8964
Hamedan	41	71873
Yazd	46	22367

Source: Central Organization of Rural Cooperatives.

4. 52. AREA OF FORESTS, RANGES AND DESERTS BY OSTAN, THE YEAR 1389 (ha)

Ostan	Forests	Ranges				Deserts [1]
		Total	Good	Fair	Poor	
Total country	***14319062. 66***	***84814990. 97***	***7181249. 98***	***21419151. 25***	***56214589. 74***	***32576491. 71***
East Azarbayejan	143467. 17	2473440. 6	703728. 58	1359706. 87	410005. 15	112369. 56
West Azarbayejan	100958. 09	2472508. 43	553792. 29	1063376. 44	855339. 7	181103. 27
Ardebil	51665. 12	903896. 32	427906. 01	457641. 57	18348. 74	1336. 99
Esfahan	411847. 46	6328654. 79	280070. 49	403987. 66	5644596. 64	2985826. 52
Alborz	2419. 57	438168. 76	187208. 9	125479. 93	125479. 93	12656. 52
Ilam	634461. 02	1112357. 49	27835. 27	479787. 51	604734. 71	33922. 57
Bushehr	204306. 04	1262995. 48	8777. 4	409207. 63	845010. 45	331682. 16
Tehran	23895. 28	848297. 87	220289. 23	349041. 76	278966. 88	143529. 22
Chaharmahal & Bakhtiyari	335654. 14	908151. 72	182314. 93	390823. 42	335013. 37	118892. 51
South Khorasan	712032. 96	6288091. 64	6184. 2	632225. 9	5649681. 54	1129363. 65
Khorasan-e-Razavi.....	667341. 26	6558355. 64	304530. 15	2147045. 73	4106779. 76	593619. 82
North Khorasan.....	424740. 39	1555206. 18	112614. 84	627243. 65	815347. 69	43278. 99
Khuzestan	938326. 49	2477690. 9	571073	1353096. 15	553521. 75	521340. 92
Zanjan	61113. 05	1137060. 36	240442. 39	425300. 75	471317. 22	79931. 39
Semnan	340168. 21	3731083. 13	210806. 8	585092. 98	2935183. 35	5112293. 8
Sistan & Baluchestan ..	370785. 72	10648498. 91	217095. 72	908129. 13	9523274. 06	4804955. 96
Fars	2218925. 24	7319987. 13	57706. 26	1735276. 12	5527004. 75	669724. 76
Qazvin	26870. 92	853485. 11	252549. 51	430122. 19	170813. 41	29150. 8
Qom	4148. 97	723019. 26	2497. 88	34830. 39	685690. 99	176383. 18
Kordestan	372306. 71	1294396. 83	437854. 71	494212. 06	362330. 06	3353. 74
Kerman	591822. 5	8186299. 97	81323. 14	2214045. 83	5890931	7860548. 2
Kermanshah	528507. 46	1188438. 26	164351. 73	476166. 44	547920. 09	25916. 03
Kohgiluyeh & Boyerahmad	795785. 74	478812. 17	63965. 77	144418. 41	270427. 99	40426. 52
Golestan	415221. 33	862824. 66	381317	401887	79620. 66	25. 72
Gilan	545576. 45	244985. 95	98842. 94	131684. 3	14458. 71	1779
Lorestan	1226367. 34	883504. 51	146857. 03	672208. 73	64438. 75	11740. 94
Mazandaran	1006517. 78	584711. 38	357670. 86	205067. 73	21972. 79	1086. 42
Markazi	1548. 32	1772951. 09	465803. 57	1140366. 2	166781. 32	73142. 52
Hormozgan	1053744. 95	4093342. 33	711. 62	210906. 86	3881723. 85	1515013. 26
Hamedan	1440. 77	665766. 63	323504. 59	283976. 91	58285. 13	26372.03
Yazd	107096. 2	6518007. 46	91623. 17	1126794. 99	5299589. 3	5935724.74

1. Including different desert phenomena like: salt desert, sand dunes, sand seas, smooth clay surfaces, salt lands, lands with no vegetation and exposed bedrock outcrops.

4. 53. 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
1386	46735	34588	12148	51889
1387	36476	27591	8885	43435
1388	25400	14045	10455	31896
1389	29507	18378	11129	40443
1390	***25254/95***	***8370/4***	***16884/55***	***33386/28***
East Azarbayejan	806	265	541	292
West Azarbayejan	81	81	0	0
Ardebil	172	172	0	200
Esfahan	2569	324	2245	561
Alborz	551	551	0	43
Ilam	387	387	0	2300
Bushehr	129	129	0	184
Tehran	102/5	102/5	0	75
Chaharmahal & Bakhtiyari	426	377	49	400
South Khorasan	529/5	316/3	213/2	639/5
Khorasan-e-Razavi	91	91	0	557
North Khorasan	46/6	46/6	0	250
Khuzestan	1042	1042	0	1370/5
Zanjan	30	30	0	10
Semnan	561	0	561	920
Sistan & Baluchestan	3435/2	775/2	2660	1155
Fars	3038	385	2653	1560
Qazvin	90	5	85	252
Qom	73/9	0	73/9	100
Kordestan	187/5	187/5	0	254/5
Kerman	744/3	744/3	0	753/68
Kermanshah	333	254	79	1520
Kohgiluyeh & Boyerahmad	210	210	0	354
Golestan	1983	550	1433	3970
Gilan	1483/8	220	1263/8	4890
Lorestan	490/5	153	337/5	112
Mazandaran	4238/15	282	3956/15	7955
Markazi	490	130	360	1321/1
Hormozgan	481	467	14	876
Hamedan	453	93	360	200
Yazd	0	0	0	311

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. 54. CASES AND AREAS UNDER CONFLAGRATION IN FORESTS AND RANGES

Year	Conflagration (case)			Area under conflagration (ha)		
	Total	Forests	Ranges	Total	Forests	Ranges
1375	1181	439	742	27478	5829	21649
1380	801	369	432	7744	3184	4560
1385	1237	611	626	11132	2752	8380
1386	1845	686	1159	27989	7126	20863
1387[1]	1136	645	491	4914	2275	2639
1388[1]	1037	434	603	5753	1582	4171
1389	3762	1413	2349	40772	9696	31076
1390[1]	***1324***	***447***	***877***	***36972***	***23656***	***13316***

1. Reasons for decrease in conflagration statistics compared to the previous year were readiness of forest guards, presence of more forest guards in natural resources areas, organizing forest and voluntary people guards, coordination with related government agencies and management and timely use of equipment.

Source: Forests, Range and Watershed Management Organization.

4. 55. VOLUME OF WOOD PRODUCTS[1] IN NORTHERN FOREST AREAS UNDER MANAGEMENT OF GENERAL DEPARTMENTS OF NATURAL RESOURCES

(1000 cu m)

Year	Log	Sawn wood and sleepers	Poles, pit props and pulpwood	Fuel wood	Charcoal (1000 tons)
1375	371. 1	144. 2	244. 2	656. 3	26. 0
1380	327. 8	87. 1	244. 7	504. 4	6. 1
1385	285. 4	49. 7	208. 9	294. 9	1. 0
1386	320. 3	53. 4	231. 4	309. 6	0. 8
1387	321. 3	49. 8	250. 9	310. 6	0. 9
1388	275. 9	21. 4	256. 3	278. 3	0. 9
1389	263. 7	32. 1	235. 9	248. 9	0. 6
1390	***254. 7***	***31. 1***	***230. 5***	***221. 2***	***0.4***

1. Including 5% defect and sawn wood amount for the years 1385 and 1386 and 10% for other years. This production in the year 1387 excludes defect and sawn wood amount.

Source: Forests, Range and Watershed Management Organization.

4. 56. ACTIVITIES CARRIED OUT ON RANGE MANAGEMENT, BALANCE OF LIVESTOCK AND RANGE MANAGMENT, AND IMPROVEMENT AND REHABILITATION OF RANGELANDS

Activity	Units	1370	1375	1380	1385	1386	1387	1388	1389
Range management and balance of livestock and range management[1]									
Cadastral survey, delineation and control of grazing permits	1000ha	5105	4251	2666	3993	2661	3585	2210	2439
Preparation of range management plans	1000ha	1388	3409	1009	1531	1364	1141	307	462
Range and livestock grazing management	1000ha	0	0	11059	59728	60897	63941	36896	25732
Improvement and rehabilitation of rangelands									
Improvement and rehabilitation of rangelands project[2]	1000ha	0	0	0	136	×	×	0	0
Rehabilitation and restoration of rangelands									
Transplanting seedlings	1000ha	41	8	17	4	6	3	1	1
Direct seeding and hoeing	1000ha	211	32	61	49	47	29	22	18. 7
Fertilizer spreading on rangelands	1000ha	176	21	17	29	22	19	12	8. 6
Water harvesting	1000ha	134	80	59	42	30	25	22	42. 5
Providing water troughs	set	1570	1275	1581	2105	1596	1701	1026	1181
Drilling shallow wells	case	237	158	173	90	172	107	67	57
Installation of wind pumps	set	12	2	11	18	24	18	40	29
Seed production	ton	701	671	468	390	3699	325	1465	1840
Restoration of pastures on degraded marginal lands	1000ha	107	18	11	12	9	9	5	3. 7

1. National plan of "Range management and Balance of Livestock and Range", since 1384 was renamed "Sustainable Management of National Rangelands" and the name of some projects of which changed accordingly, too.

2. Since the year 1384, the plan of "Improvement and Reformation of Range lands" has been provincialized and since 1386 its projects have been conducted in the form of "Improvement and Rehabilitation of Rangelands".

Source: Forests, Range and Watershed Management Organization.

4. 57. COMBATING DESERTIFICATION AND DUNE STABILIZATION ACTIVITIES

Year and Ostan	Nursery (ha)	Plastic bag seedling (1000)	Plantation (ha)	Seeding (ha)
1375	59	3470	43471	131975
1380	25	4290	34556	59610
1385	32	7349	31056	27724
1386	35	4128	25380	22173
1387	33	2327	12710	6311
1388	21. 5	2914. 8	9856	5662
1389	12	2544. 7	11461. 6	5080
1390[(1)]	***13***	***2569***	***8212***	***4748***
West Azarbayejan	0	0	0	0
Esfahan	4	200	998	2800
Ilam	0	0	202	0
Bushehr	0	65	160	0
Tehran	0	40	145	0
South Khorasan	0	210	1268	638
Khorasan-e-Razavi	7. 5	398	1650	800
North Khorasan	0	50	115	60
Khuzestan	0	78	417	0
Semnan	1. 5	200	720	30
Sistan & Baluchestan	0	600	328	0
Fars	0	0	113	0
Qazvin	0	22	120	0
Qom	0	0	0	0
Kerman	0	325	826	270
Markazi	0	295	950	0
Hormozgan	0	26	0	0
Yazd	0	60	200	150

4. 57. COMBATING DESERTIFICATION AND DUNE STABILIZATION ACTIVITIES (continued)

Year and Ostan	seed gathering (ton)	Mulching (ha)	Windbreak (km)	Windbreak (living)	Preservation (ha)	Preparation of projects for combating desertification (1000ha)
1375	917	2812	29	0	596801	841
1380	489	1650	468	0	703937	289
1385	230	4452	42	1087	816831	254
1386	206	2580	59	431	802345	125000
1387	92	450	33	150	656331	163550
1388	48	300	54	1496	799926	97000
1389	51. 9	603	19	908	675223	35000
1390	***71. 6***	***0***	***23***	***518***	***408404***	***8000***
West Azarbayejan	0	0	0	0	15000	0
Esfahan	0	0	0	0	231052	0
Ilam	0. 2	0	0	0	7600	0
Bushehr	0	0	0	0	0	0
Tehran	0	0	0	0	6480	0
South Khorasan	22. 3	0	0	0	10705	0
Khorasan-e-Razavi	15. 5	0	0	0	0	8000
North Khorasan	0. 65	0	0	5	8500	0
Khuzestan	0	0	0	0	36240	0
Semnan	25	0	5	32	15000	0
Sistan & Baluchestan	5. 7	0	0	370	10000	0
Fars	0	0	0	0	1675	0
Qazvin	0. 25	0	0	0	1001	0
Qom	0	0	0	0	5766	0
Kerman	2	0	18	111	385	0
Markazi	0	0	0	0	52400	0
Hormozgan	0	0	0	0	0	0
Yazd	0	0	0	0	6600	0

1. Ostans not mentioned have no activities in this field.

Source: Forests, Range and Watershed Management Organization.

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

Title	1375	1380	1385	1386	1387	1388	1389	1390
Total	***816188***	***1360133***	***1685580***	***1043367***	***1453138***	***1313266***	***1196431***	***1025148***
Nation's watershed catchments lacking dams	×	×	35000	44475	57336	128308	80128	89291
Watershed management in existing dams catchments	51762	54156	179329	134739	140392	75445	128837	138914
Watershed management in Dorudzan dam catchments	3610	×	×	×	×	0	0	0
Watershed management in catchments of dams under construction	23036	66071	56829	45107	64289	59462	93758	79257
Watershed management in Karkheh dam catchments	7500	8229	34918	6489	9852	12761	23200	18279
Watershed management in Sefidrud dam catchments	×	24085	134399	30157	21696	32377	19868	29342
Watershed management in Arak catchments	×	×	×	4557	8201	5682	16356	15555
Study and operation of Watershed management in the Grate Karun catchments	×	×	×	20050	26548	21302	18829	18074
Watershed management in Golestan[2] catchments	×	×	59752	34165	49756	49546	26702	36189
Watershed management in Hablehrud catchments	×	5442	0	0	0	0	0	0
Watershed management in border rivers catchments	×	4966	25465	14848	15450	10794	2623	33896
Land use improvements in watershed areas	12180	50449	104004	25405	247726	53610	88225	159880
Flood control	27073	58454	155952	133013	191858	121366	72518	16022
Watershed management in municipal catchments areas	17830	32774	10363	22633	21254	18229	25320	18088
Watershed management in other catchments of Ostans	×	20951	2259	411	1781	176	0	0
Projects under Note 76 of the second development plan law[3]	24937	×	×	×	×	0	0	0
Paragraph T of the Article 17[3]	×	×	6437	16512	0	0	0	0
Soil conservation and watershed management project (provincial) and Note 37	253186	430233	496297	334418	479089	277515	203354	162681
Notes & other issues[4]	395074	604323	384576	176388	117910	446693	396713	209680

1. Excluding 441245, 441245, 1174800, 2678012,1626132,1758815,2076377 and ,1668811 hectares under executive projects for the years 1375, 1380 and 1385 to 1390 respectively.
2.The Golestan flood prevention and control plan was provincialized in the year1383 and nationalized, since 1384.

*3. 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.*
4.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.

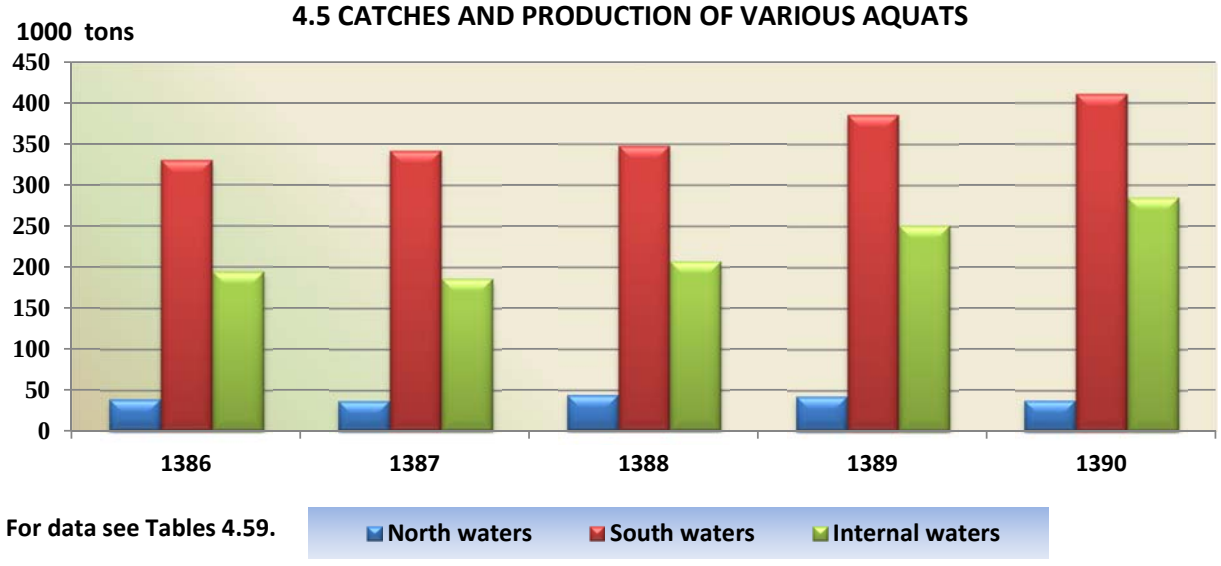
4. 59. CATCHE AND PRODUCTION OF VARIOUS AQUATICS BY SPECIES (ton)

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
1386	562422	39174	15411	23538	225
1387	562594	36967	16743	20046	178
1388	599754	44279	25483	18665	131
1389	663684	43805	27110	16602	93
1390	***735261***	***37831***	***20717***	***17034***	***80***

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
1386	329571	30164	176926	115031	7450	193677	156023	2507	34888
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***

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

Source: Fisheries of Iran.



For data see Tables 4.59.

4. 60. 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(1)	31	5	24	3	330	74	223	33
1386(1)	19	3	15	1	225	53	157	16
1387(1)	14	3	10	1	178	52	111	15
1388	9	2	7	1	131	34	87	10
1389	7.3	2.3	4.7	0.3	93	32	57	4
1390	***6***	***2***	***3.5***	***0.5***	***80***	***25***	***47***	***8***

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

4. 61. 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
1386	1268601	262458	12555	135331	464	804692	20498	16010	16594
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***

1. Revised figures
Source: Fisheries of Iran.

4. 62. 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
1386	12006	8827	3134	45
1387	12142	8950	3148	44
1388	12016	8822	3147	47
1389	11893	8682	3160	51
1390	***11717***	***8500***	***3163***	***54***
Bushehr	2192	1625	546	21
Khuzestan	1948	1357	591	0
Sistan & Baluchestan	2376	1423	952	1
Golestan	242	242	0	0
Gilan	320	291	29	0
Mazandaran	322	278	44	0
Hormozgan	4317	3284	1001	32

Source: Fisheries of Iran.

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

(person)

Ostan	1375	1380	1385	1386	1387	1388	1389	1390
Total	***34043***	***41588***	***38668***	***39392***	***37174***	***36999***	***37444***	***36419***
Bushehr	11647	8664	9017	10072	8758	8758	8701	8746
Khuzestan	4703	8971	4850	4830	4270	4270	4374	2984
Sistan & Baluchestan	2011	2390	2767	3358	3508	3508	3181	3508
Golestan	(1)000	1402	1537	1537	1537	1539	1684	1695
Gilan	4600	7356	6476	6467	6329	6259	5961	5937
Mazandaran	(1)5264	4968	4176	4116	4055	3966	4198	4199
Hormozgan	5818	7837	9845	9012	8717	8699	9345	9350

1. Statistics for Golestan are included with Mazandaran.

Source: Fisheries of Iran.

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

(bln rials)

Description	1370	1375	1380	1385	1386	1387	1388	1389
(At current prices)								
Output	**11069**	**57533**	**131427**	**335706**	**418400**	**481509**	**577741**	**698056**
Farming & horticulture	6785	35129	78460	209705	258713	277396	328061	386483
Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting	4141	21453	51122	121695	154977	198713	243871	286025
Forestry	143	951	1845	4306	4710	5400	5810	6465
Fishing	335	1472	3478	7289	8595	10783	13376	19084
Intermediate consumption	**3852**	**20153**	**51120**	**130203**	**161620**	**199256**	**235163**	**288057**
Farming & horticulture	1683	9690	21954	60943	73807	85958	98451	118075
Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting	2133	10265	28757	67989	86561	111664	135031	160009
Forestry	36	198	409	1271	1253	1633	1680	1988
Fishing	98	480	1397	2697	3207	4057	4993	7985
Value added	**7217**	**37381**	**80307**	**205503**	**256780**	**282254**	**342578**	**410000**
Farming & horticulture	5102	25440	56505	148763	184906	191438	229610	268407
Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting	2008	11188	22365	53706	68417	87049	108839	126015
Forestry	107	753	1436	3034	3457	3767	4129	4477
Fishing	237	992	2081	4592	5388	6726	8384	11100
(At 1376 constant prices)								
Value added	**33900**	**41911**	**44463**	**57025**	**58663**	**51623**	**59315**	**65908**
Farming & horticulture	22815	29953	29332	40526	42207	32258	38500	41905
Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting	10665	11126	14053	15587	15675	18717	20183	21267
Forestry	420	833	1078	912	781	647	632	612
Fishing	1449	1297	1242	2172	2090	2064	2044	2124

Source: Statistical Centre of Iran.