

### *Introduction*

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

In the year 1360, by carrying out the project of preparing a rural gazetteer, 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 belonging to legal entities by identifying all places used by them for agricultural activities. Using the frame of this Census, the SCI took the first Sample Survey of Agriculture in the year 1371. Through the Survey, which covered only temporary crops activities of agricultural holdings, data on production, the value of products, the production cost of principal crops, etc. for the year 1370 were collected.

The second national census of agriculture was taken in the year 1372 by the SCI. In the census, some cities or urban districts in which the number of the holders' households was not significant in the 1367 Census were excluded. According to the calculations made, the proportion of the population was 1.7%, of the holders' households, 2.5% of arable lands under crops, 3.2% of the area with orchards and nurseries, and 1.3% of livestock across the total country in the year 1367.

In the year 1382, the third National Census of Agriculture was taken in collaboration with the Ministry of Agriculture-Jahad. In this census, in order to identify the agricultural holders, all areas of the country, excluding 108 cities, were listed as the selected cities.

In the year 1381, by using information available in

the Ministry as well as conducting local researches, the list of agricultural holders of the selected cities was prepared in the form of the project: "Census of Agricultural Holders in the Selected Cities".

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

The 1393 National Census of Agriculture was the fourth one which was conducted across the country from the 5th of Meher month to the 18th of Aban month. The results of this Census comprise a wide range of statistical information that is published on various tables electronically and in a hard copy.

In the year 1369, statistics for modern cattle farms were, for the first time, collected by the SCI. In this survey, the lists of modern cattle farms obtained from the 1367 National Census of Agriculture were used. The same survey was conducted in the year 1373 as a census and as a sample survey in the years 1375, 1379, and 1386 by the SCI, and in the year 1383 by Agriculture-Jahad, the results of which were disseminated.

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

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

Until the year 1375, the value-added table of agricultural activities reflected in the statistical yearbooks of the previous years used to be taken from Central Bank publications. However, as the

SCI has compiled Iran's National Accounts based on 1993 SNA since the year 1370, therefore, the statistics for value-added included in this chapter are according to the national accounts compiled by the SCI as of the year 1380. However, since the year 1390, Iran's National Accounts have been compiled by SCI based on the 2008 SNA.

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

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

Statistical information included in this Chapter contains statistics on temporary and permanent crops, livestock and poultry, forestry, fisheries and related cooperatives. Moreover, at the end of this chapter, there is one table on value-added of "agriculture, hunting and forestry" and "Fishing" activities.

### ***Definitions and concepts***

***Agricultural holding:*** This is an economic unit of agricultural production comprising one or several activities within in a specific geographic areas (villages or cities) under single management (natural, legal).

***Temporary crops cultivation:*** It refers to the annual plant cultivation for economic utilization, which is done outdoors or under temporary cover such as plastic, on arable land, or between (underneath) garden trees.

***Permanent crops cultivation:*** It refers to the annual cultivation of permanent crops for economic utilization. This activity includes starting and maintaining the orchards, rose flower gardens, and their nurseries on the land and also under cover such as plastic. Raising these plants in the vase and the like are not included in this activity.

***Large livestock:*** They include cattle and calves, buffaloes and calves, camels and calves and other perissodactyla.

**Holder raising large livestock:** This is an agricultural holder who has at least one head of large livestock on the enumeration day.

**Small livestock:** This includes sheep, lamb, goat, and kid.

**Holder raising small livestock:** This is an agricultural holder who has at least two heads of small livestock on the enumeration day.

**Centres for supplying livestock:** They refer to the centres in which livestock is supplied and include markets for supplying livestock and other markets (for ornamental birds and/or fishes).

**Centres for supplying raw livestock products:** They refer to the centers that supply a type or types of raw animal products and include dedicated centers supplying animal meat and edible offal, poultry meat and edible offal, aquatic meat and other products (wholesale or retail), as well as other food supplying centers (such as supermarkets, chain stores, meat and protein shops, etc.).

**Centres for supplying raw poultry products:** They refer to the centers that supply chicken meat products and edible offal.

**Centres for supplying raw aquatic products:** They refer to the centres that supply aquatic meat products.

**Other Centres for supplying raw products:** They refer to the supermarkets, chain stores, meat and protein shops, etc.

**Broiler chicken** (broiler chick): It refers to a chicken raised from the day-old broiler chicken during a specific period for its meat.

**Layer chicken:** It refers to a hen that is raised from layer pullets and kept to produce edible eggs.

**Shell-less eggs:** They are eggs lacking the outer hard shell.

**Breeder chicken:** It is a hen whose fertile eggs are hatched to produce day-old chicks and are divided into three groups: broiler hens, layer chicken and indigenous chickens

**One-day-old chick:** It is the chicken that is hatched by placing the fertile eggs of different poultries in special incubators during a certain period of time and contain one-day-old broiler, layer chickens, indigenous, and other poultries.

**Poultry:** They includes boiler chickens, breeder chickens, ostriches, partridges, indigenous chickens,

quails, pheasants, turkeys, ducks, geese, francolinus, see-see partridge, guineafowls, and bustards.

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

**Apiculture:** It refers to a set of activities which is carried out for using honeybees and their products such as honey, queen bee, beeswax, royal gel, and venom. Pollen and propolis or bee glues that are collected by the honeybees are also other products in this activity.

**Sericulture:** It refers to a set of activities that are done to produce silk and silkworm cocoon.

**Warmwater fish:** They refer to a specific species of fish that are found in the water with the temperature of 14 to 35 centigrade. Different species of these kinds of fish are cultivated in artificial environments such as wetlands, water behind the dam, and pools such as carp fish (grass carp, silver carp).

**Coldwater fish:** They refer to a specific species of fish that are found in the water with a temperature of 6 to 19 centigrade. Different species of these kinds of fish including rainbow trout are cultivated in artificial environments such as pools and dams.

**Fishing vessels:** every vessel like boats, launches, and ships that are equipped and used for fishing after obtaining the required licenses.

**Agricultural holder:** This is a natural or legal person who individually or jointly exercises management over the agricultural holding. The holder has technical and economic responsibility for the holding as well as the direct role in its profit and loss.

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

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

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

**Area under cultivation:** This refers to the area of farmlands that has been under cultivation for intended crop production in a crop year.

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

**Temporary crops (annual crops):** They are agricultural plants that usually have herbaceous stems whose growth period is less than one year and are replanted for production in the next period. Plants such as alfalfa and sugarcane, whose underground part remains in the soil for several years after harvest and usually grows in the following year, are also included in this group.

**Permanent crops:** They are types of plants with woody stems or trunks which remain in the soil for several years after once planting. Only their growing and harvesting operation is repeated including fruit trees, tea plants, roses, and black poplar.

**Modern irrigation and drainage network:** It refers to a set of irrigation and drainage facilities that have the reliable facilities and capabilities water supply and water intake facilities from reservoir dam or diversion dam or pumping station and 1st and 2nd grade canal.

**Dam:** It is a structure that is built on the surface or underground to reserve water, change the direction of flow or manage it to meet different needs such as drinking, industry, agriculture, electricity generation, and control of floods against the flow of surface or underground water.

**Production:** It refers to the quantity of the products that are obtained through the production process during a given period of time in the agricultural production unit which is ready to be supplied for sale and consumption. In the statistical surveys of the Statistical Center of Iran, the share of agricultural crops which are 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 harvest: for rice production, it is the weight of paddy, the weight of the dried seed is for beans, for alfalfa, sainfoin, and clover, it refers to the weight of dried forage, the

weight of products without external green skin but with dried shell for walnuts, almonds and pistachio, and the number of trees for fruitless trees as poplar.

**Modern cattle farm:** an agricultural holding where cattle are raised by using common and advanced methods of animal husbandry (in terms of keeping feeding method and principles of animal health) and has a capacity of at least twenty heads.

**Workers:** They 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).

**Investment of the establishment:** It refers to the changes in the value of non-financial assets (total value of purchase or acquisition and expense of major repairs of non-financial assets minus sale or transfer value of these assets) during a definite period of time.

**Non-financial assets of the establishment:** They are all machinery, equipment and tools usually which are used in manufacturing activities or for rendering services with an economic life of more than one year. Machinery and power equipment, durable tools and implements, office equipment, vehicles and buildings are examples of such properties.

**Cooperative:** It refers to the company that is established and registered with at least 7 natural or non-governmental legal persons to meet common needs and improve socio-economic conditions of the members by their self-assistance and mutual aid according to the law of the cooperative sector to do one or several activities.

**Water basin:** see Chapter 1, Definitions and concepts.

**Watershed lands:** all parts of the river basin where running water resulted from precipitation leads to that river are called watershed lands.

**Watershed management:** This refers to all restoration and modification activities to improve water and soil resources containing biological, biomechanical and mechanical activities that are carried out in order to manage watershed resources, including natural, agricultural, economic and human areas.

**Value-added:** Value-added is the additional value created during the production.

**Output:** This refers to goods or services that are produced by an establishment excluding A) goods

and services for which the establishment cannot determine the volume of demands for products to be consumed in production as well as the sale volume of goods and services produced and price of their sale B) goods and services consumed in that establishment except for those used for capital formation (fixed and inventory) and own final use.

**Intermediate consumption:** This refers to the value of the goods and services consumed as inputs by a process of production or transformed, excluding fixed assets whose consumption is recorded as consumption of fixed capital;

#### ***Selected information***

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

Based on the results of this Census, Nation's arable lands were about 16477 thousand hectares. These lands were used by 3359 thousand agricultural holdings and were under temporary crops and permanent crops; the share of each holding is on average about 4.9 hectares.

Out of the total nation's agricultural lands, 46.2% are irrigated lands with an average of 2.9 hectares for each holding and 53.8 % are rainfed lands with an average of 6.9 hectares for each holding.

A number of 22477 agricultural holdings with the area of 9856 hectares were involved in greenhouses.

In the year 1399, about 561 thousand agricultural holdings were raising cattle. The number of cattle in these holdings was about 53240 thousand head, of which 75 percent were female.

In the year 1400, the total volume of the aquatics caught from the northern and southern waters was about 702 thousand tons out of which, over 29 thousand tons were from the northern waters and over 672 thousand tons from the southern waters. Moreover, aquatic production was reported at over 556 thousand tons.

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

| Ostan                         | Total          |                | Private settled household |                | Unsettled holder |               |
|-------------------------------|----------------|----------------|---------------------------|----------------|------------------|---------------|
|                               | Listed         | Enumerated     | Listed                    | Enumerated     | Listed           | Enumerated    |
| <b>Total country .....</b>    | <b>4042811</b> | <b>4032467</b> | <b>3072521</b>            | <b>3064102</b> | <b>945185</b>    | <b>943260</b> |
| East Azarbayejan.....         | 237196         | 236537         | 202048                    | 201443         | 34791            | 34737         |
| West Azarbayejan .....        | 200502         | 200038         | 156172                    | 155807         | 44024            | 43925         |
| Ardebil .....                 | 112497         | 112401         | 86653                     | 86565          | 25447            | 25439         |
| Esfahan.....                  | 172358         | 171711         | 131347                    | 130757         | 40351            | 40294         |
| Alborz .....                  | 30281          | 30058          | 15316                     | 15170          | 14747            | 14670         |
| Ilam .....                    | 53552          | 53529          | 33590                     | 33579          | 19499            | 19487         |
| Bushehr .....                 | 39956          | 39803          | 28198                     | 28052          | 11153            | 11146         |
| Tehran .....                  | 53097          | 52677          | 29726                     | 29392          | 22908            | 22822         |
| Chaharmahal & Bakhtiari ..... | 66340          | 66002          | 57959                     | 57670          | 7806             | 7757          |
| South Khorasan .....          | 82845          | 82667          | 60033                     | 59887          | 22578            | 22546         |
| Khorasan-e-Razavi.....        | 338834         | 338089         | 270327                    | 269640         | 67321            | 67263         |
| North Khorasan.....           | 81605          | 81551          | 65733                     | 65683          | 15477            | 15473         |
| Khuzestan.....                | 165703         | 165298         | 132760                    | 132534         | 30580            | 30401         |
| Zanjan .....                  | 83261          | 83027          | 70600                     | 70368          | 12248            | 12246         |
| Semnan.....                   | 45412          | 45298          | 24320                     | 24211          | 20777            | 20772         |
| Sistan & Baluchestan .....    | 168873         | 168532         | 154609                    | 154339         | 13747            | 13676         |
| Fars.....                     | 234478         | 233359         | 180852                    | 179905         | 47350            | 47178         |
| Qazvin .....                  | 77360          | 77308          | 60551                     | 60502          | 16322            | 16319         |
| Qom.....                      | 11830          | 11732          | 8178                      | 8092           | 3574             | 3562          |
| Kordestan .....               | 113606         | 113168         | 83256                     | 83121          | 30238            | 29935         |
| Kerman.....                   | 251113         | 249817         | 159259                    | 158054         | 90582            | 90491         |
| Kermanshah .....              | 125369         | 125132         | 84415                     | 84208          | 39197            | 39167         |
| Kohgiluyeh & Boyerahmad ..... | 66631          | 66600          | 47929                     | 47905          | 17780            | 17773         |
| Golestan .....                | 124280         | 124191         | 104063                    | 103986         | 19898            | 19886         |
| Gilan.....                    | 303894         | 303629         | 220010                    | 219805         | 83458            | 83398         |
| Lorestan.....                 | 135157         | 135153         | 98575                     | 98575          | 34977            | 34973         |
| Mazandaran.....               | 322503         | 322100         | 243850                    | 243540         | 78070            | 77977         |
| Markazi .....                 | 79735          | 79412          | 63262                     | 63021          | 15877            | 15795         |
| Hormozgan.....                | 70590          | 70091          | 65141                     | 64836          | 5361             | 5167          |
| Hamedan .....                 | 117571         | 117349         | 98885                     | 98721          | 18388            | 18330         |
| Yazd .....                    | 76382          | 76208          | 34904                     | 34734          | 40659            | 40655         |

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

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

Source: Statistical Center of Iran.

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

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

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

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

Source: Statistical Center of Iran.

### 5.3. NUMBER OF HOLDINGS AND AREA OF HOLDINGS WITH CROPLAND BY OSTAN, THE YEAR 1393 (holding -ha)

| Ostan                        | Total              |                 | Arable land        |                 | Orchard and nurseries |                |
|------------------------------|--------------------|-----------------|--------------------|-----------------|-----------------------|----------------|
|                              | Number of holdings | Area            | Number of holdings | Area            | Number of holdings    | Area           |
| <b>Total country.....</b>    | <b>3359409</b>     | <b>16476609</b> | <b>2470140</b>     | <b>14687053</b> | <b>1704193</b>        | <b>1789555</b> |
| East Azarbayejan.....        | 212926             | 1198697         | 162897             | 1102905         | 115519                | 95792          |
| West Azarbayejan.....        | 174523             | 821728          | 139546             | 716924          | 84805                 | 104804         |
| Ardebil.....                 | 94976              | 702020          | 86655              | 670871          | 29042                 | 31149          |
| Esfahan.....                 | 148472             | 382467          | 103713             | 311430          | 86341                 | 71037          |
| Alborz.....                  | 27531              | 50227           | 5634               | 35569           | 24631                 | 14658          |
| Ilam.....                    | 46315              | 264619          | 44647              | 259695          | 5294                  | 4924           |
| Bushehr.....                 | 30998              | 308478          | 19791              | 284843          | 16069                 | 23635          |
| Tehran.....                  | 46069              | 182120          | 18145              | 148887          | 33531                 | 33233          |
| Chaharmahal & Bakhtiari..... | 56691              | 182112          | 44327              | 156505          | 27160                 | 25606          |
| South Khorasan.....          | 60066              | 189739          | 41940              | 154596          | 40196                 | 35143          |
| Khorasan-e-Razavi.....       | 266853             | 1460111         | 214715             | 1332525         | 121589                | 127586         |
| North Khorasan.....          | 67372              | 393089          | 56279              | 365919          | 34618                 | 27170          |
| Khuzestan.....               | 125411             | 1324872         | 110774             | 1286277         | 26555                 | 38595          |
| Zanjan.....                  | 73704              | 816830          | 56175              | 769883          | 46794                 | 46947          |
| Semnan.....                  | 38063              | 181966          | 22412              | 147143          | 25580                 | 34823          |
| Sistan & Baluchestan.....    | 104405             | 338378          | 68674              | 280192          | 59892                 | 58186          |
| Fars.....                    | 180008             | 987467          | 123587             | 827617          | 89487                 | 159850         |
| Qazvin.....                  | 69458              | 370285          | 37790              | 313463          | 55253                 | 56822          |
| Qom.....                     | 8346               | 52946           | 3412               | 43053           | 6822                  | 9893           |
| Kordestan.....               | 102683             | 1051881         | 88292              | 1023193         | 46040                 | 28688          |
| Kerman.....                  | 211043             | 757509          | 86280              | 412038          | 173615                | 345471         |
| Kermanshah.....              | 112703             | 681859          | 102979             | 663308          | 25212                 | 18551          |
| Kohgiluyeh & Boyerahmad..... | 58295              | 217377          | 51352              | 197059          | 20502                 | 20317          |
| Golestan.....                | 95330              | 575642          | 88756              | 556028          | 15508                 | 19614          |
| Gilan.....                   | 268554             | 209765          | 218515             | 149356          | 103221                | 60409          |
| Lorestan.....                | 121687             | 783445          | 116944             | 758794          | 28438                 | 24650          |
| Mazandaran.....              | 285986             | 333410          | 187758             | 242563          | 171735                | 90847          |
| Markazi.....                 | 67142              | 552558          | 45201              | 507392          | 48160                 | 45166          |
| Hormozgan.....               | 33333              | 118060          | 14241              | 84016           | 24077                 | 34045          |
| Hamedan.....                 | 103228             | 872174          | 82376              | 841940          | 56980                 | 30235          |
| Yazd.....                    | 67239              | 114778          | 26333              | 43068           | 61528                 | 71710          |

Source: Statistical Center of Iran.

#### 5.4. NUMBER AND AREA OF HOLDINGS WITH CROPLAND DISAGGRIGATED BY IRRIGATION AND RAINFED CULTIVATION AND BY OSTAN, THE YEAR 1393 (holding-ha)

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

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

(continued)

(holding-ha)

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

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

(continued)

(holding-ha)

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

Source: Statistical Center of Iran.

**5.5. NUMBER AND AREA OF HOLDINGS WITH ARABLE LANDS BY OSTAN (holding-ha)**

| Year and Ostan                | Total                             |                 | Under cultivation                 |                 | Fallow                            |                |
|-------------------------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|----------------|
|                               | Number of holdings <sup>(1)</sup> | Area            | Number of holdings <sup>(1)</sup> | Area            | Number of holdings <sup>(1)</sup> | Area           |
| 1382 .....                    | 2790885                           | 16197169        | 2639486                           | 11647027        | 998312                            | 4550142        |
| 1393 .....                    | 2470140                           | 14687053        | 2332771                           | 11117807        | 654125                            | 3569246        |
| 1397 .....                    | 2369143                           | 15580741        | 2245231                           | 11069229        | 880976                            | 4511512        |
| <b>1400.....</b>              | <b>2164136</b>                    | <b>15698655</b> | <b>2077540</b>                    | <b>11594137</b> | <b>820575</b>                     | <b>4104517</b> |
| East Azarbayejan .....        | 147311                            | 1238914         | 139822                            | 820255          | 89097                             | 418659         |
| West Azarbayejan.....         | 125983                            | 672731          | 121373                            | 557997          | 33154                             | 114734         |
| Ardebil .....                 | 85654                             | 804898          | 81235                             | 605973          | 41149                             | 198925         |
| Esfahan .....                 | 85316                             | 359729          | 72817                             | 199913          | 58851                             | 159816         |
| Alborz .....                  | 3884                              | 47106           | 3884                              | 38360           | 634                               | 8745           |
| Ilam.....                     | 41821                             | 279324          | 40955                             | 216960          | 14551                             | 62364          |
| Bushehr.....                  | 17115                             | 287301          | 15124                             | 223965          | 5323                              | 63336          |
| Tehran.....                   | 14512                             | 118273          | 13420                             | 104245          | 3430                              | 14028          |
| Chaharmahal & Bakhtiyari..... | 31867                             | 173775          | 31436                             | 153156          | 6258                              | 20620          |
| South Khorasan.....           | 37377                             | 136659          | 36411                             | 69056           | 32236                             | 67603          |
| Khorasan-e-Razavi .....       | 197184                            | 1622080         | 195835                            | 1054630         | 124509                            | 567449         |
| North Khorasan.....           | 53528                             | 432584          | 51400                             | 308826          | 23774                             | 123759         |
| Khuzestan .....               | 96853                             | 1437223         | 92084                             | 1247571         | 14085                             | 189652         |
| Zanjan .....                  | 54807                             | 851678          | 53836                             | 559367          | 33720                             | 292311         |
| Semnan .....                  | 21556                             | 133195          | 20430                             | 91022           | 10633                             | 42172          |
| Sistan & Baluchestan.....     | 62735                             | 222014          | 52096                             | 117529          | 41297                             | 104486         |
| Fars .....                    | 96642                             | 828110          | 92648                             | 558117          | 41625                             | 269994         |
| Qazvin.....                   | 34923                             | 470094          | 32300                             | 318752          | 22988                             | 151342         |
| Qom .....                     | 2933                              | 30849           | 2890                              | 22565           | 1472                              | 8284           |
| Kordestan.....                | 75341                             | 977480          | 71449                             | 669858          | 36015                             | 307622         |
| Kerman .....                  | 74418                             | 424778          | 74418                             | 312025          | 38860                             | 112753         |
| Kermanshah.....               | 92609                             | 654269          | 90345                             | 602763          | 13204                             | 51506          |
| Kohgiluyeh & Boyerahmad.....  | 46693                             | 190768          | 45019                             | 154515          | 12611                             | 36254          |
| Golestan.....                 | 67249                             | 514530          | 66660                             | 497562          | 1270                              | 16968          |
| Gilan .....                   | 177606                            | 146310          | 176941                            | 144220          | 4736                              | 2091           |
| Lorestan .....                | 113327                            | 704821          | 107203                            | 611474          | 24666                             | 93347          |
| Mazandaran .....              | 165779                            | 241582          | 165523                            | 235244          | 3010                              | 6337           |
| Markazi.....                  | 40291                             | 573316          | 36759                             | 342214          | 32654                             | 231102         |
| Hormozgan .....               | 12906                             | 96573           | 10878                             | 69468           | 4516                              | 27106          |
| Hamedan.....                  | 67696                             | 991580          | 66665                             | 671182          | 37897                             | 320399         |
| Yazd.....                     | 18219                             | 36109           | 15684                             | 15355           | 12348                             | 20754          |

1. A holding can have both arable lands under cultivation and fallow lands. By considering this fact, the total number of holdings is equal or less than the sum of the number of holdings with arable land under cultivation and the number of fallow lands.

Source: Statistical Center of Iran.

**5.6. NUMBER OF HOLDINGS, AREA OF CULTIVATION, AND PRODUCTION OF TEMPORARY CROPS BY PRODUCT (holding-ha)**

| Year and crop                                         | Total                             |                     |                 | Irrigated           |                 | Rainfed             |                |
|-------------------------------------------------------|-----------------------------------|---------------------|-----------------|---------------------|-----------------|---------------------|----------------|
|                                                       | Number of holdings <sup>(1)</sup> | Area of cultivation | Production      | Area of cultivation | Production      | Area of cultivation | Production     |
| 1382 .....                                            | 2821560                           | 12001073            | 39584214        | 5432778             | 33711099        | 6568295             | 5873115        |
| 1393 .....                                            | 2482380                           | 11588923            | -               | 5214238             | -               | 6374685             | -              |
| 1397 .....                                            | 2248129                           | 11431940            | 63874497        | 4851048             | 56290280        | 6580893             | 7584217        |
| <b>1400 .....</b>                                     | <b>4361722</b>                    | <b>12007242</b>     | <b>57451476</b> | <b>5158790</b>      | <b>52678639</b> | <b>6848453</b>      | <b>4772837</b> |
| Beans (dry) .....                                     | 81479                             | 92273               | 167505          | 85577               | 162984          | 6696                | 4521           |
| Peas (dry).....                                       | 170887                            | 452372              | 172921          | 21445               | 12713           | 430926              | 160208         |
| Rice (paddy) .....                                    | 397958                            | 494430              | 1820368         | 494430              | 1820368         | 0                   | 0              |
| Cotton (seed cotton)..<br>Onion .....                 | 31058                             | 55200               | 139563          | 51241               | 136467          | 3959                | 3096           |
| Barely.....                                           | 94138                             | 63311               | 2365544         | 62474               | 2363139         | 837                 | 2406           |
| Sugar beet .....                                      | 743925                            | 2202878             | 2940660         | 684522              | 1947455         | 1518355             | 993205         |
| Melon, honeydew<br>cantaloupe, wild<br>muskmelon..... | 39521                             | 96944               | 5435172         | 96944               | 5435172         | 0                   | 0              |
| Cucumber.....                                         | 25139                             | 36080               | 752897          | 34105               | 749103          | 1975                | 3794           |
| Sorghum .....                                         | 115670                            | 21667               | 571441          | 21164               | 570455          | 502                 | 986            |
| Grain corn.....                                       | 67802                             | 183274              | 7510530         | 180045              | 7500089         | 3229                | 10441          |
| Saffron <sup>(1)</sup> .....                          | 16134                             | 68679               | 437879          | 68514               | 437212          | 165                 | 667            |
| Potato .....                                          | 118506                            | 79636               | 281227          | 79304               | 280984          | 332                 | 243            |
| Colza.....                                            | 88592                             | 109017              | 3214971         | 107860              | 3189710         | 1157                | 25261          |
| Wheat.....                                            | 24934                             | 124517              | 237806          | 98556               | 202616          | 25961               | 35189          |
| Tomato.....                                           | 1257054                           | 6680866             | 10416185        | 2004239             | 7077047         | 4676627             | 3339137        |
| Sugarcane.....                                        | 168005                            | 82603               | 3615887         | 82359               | 3614245         | 244                 | 1642           |
| Watermelon .....                                      | 9                                 | 78325               | 7840012         | 78325               | 7840012         | 0                   | 0              |
| Carrot, radish, and<br>turnip.....                    | 29222                             | 61876               | 1410517         | 58798               | 1391880         | 3079                | 18637          |
| Alfalfa.....                                          | 57831                             | 11346               | 303623          | 11305               | 303277          | 40                  | 346            |
| Other vegetables .....                                | 419822                            | 567658              | 4722520         | 535466              | 4663792         | 32192               | 58729          |
| Others.....                                           | 192474                            | 119316              | 2534591         | 114193              | 2502358         | 5123                | 32234          |
|                                                       | 221562                            | 324976              | 559655          | 187922              | 477559          | 137054              | 82096          |

1. Saffron production is in Kg.

Source: Statistical Center of Iran.

### 5.7. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF WHEAT BY OSTAN (holding-ha-ton)

| Year and Ostan               | Total                             |                  |                 | Irrigated                         |                              |                              |
|------------------------------|-----------------------------------|------------------|-----------------|-----------------------------------|------------------------------|------------------------------|
|                              | Number of holdings <sup>(1)</sup> | Cultivation area | Production      | Number of holdings <sup>(1)</sup> | Cultivation area             | Production                   |
| 1382 .....                   | 1660970                           | 6941286          | 11676252        | 957585                            | 2427916                      | 7511968                      |
| 1393 .....                   | 1330467                           | 6475643          | -               | 642205                            | 2068972                      | -                            |
| 1397 .....                   | 1311282                           | 6526587          | 12704746        | 642988                            | 1975411                      | 7010441                      |
| <b>1400 .....</b>            | <b>1257054</b>                    | <b>6680866</b>   | <b>10416185</b> | <b>612585<sup>(2)</sup></b>       | <b>2004239<sup>(2)</sup></b> | <b>7077047<sup>(2)</sup></b> |
| East Azarbayejan .....       | 114964                            | 484792           | 676271          | 34155                             | 71168                        | 226353                       |
| West Azarbayejan.....        | 78364                             | 319113           | 438889          | 37866                             | 78569                        | 238097                       |
| Ardebil.....                 | 57696                             | 238462           | 398272          | 18008                             | 65341                        | 265330                       |
| Esfahan .....                | 46785                             | 84786            | 201298          | 42802                             | 42240                        | 167945                       |
| Alborz.....                  | 1638                              | 12985            | 54482           | 1503                              | 12243                        | 53307                        |
| Ilam.....                    | 28463                             | 131732           | 170454          | 4995                              | 33675                        | 106022                       |
| Bushehr.....                 | 11327                             | 171390           | 82869           | 1152                              | 11563                        | 38689                        |
| Tehran.....                  | 8102                              | 56619            | 236255          | 7641                              | 50042                        | 230011                       |
| Chaharmahal & Bakhtiari..... | 25846                             | 86421            | 137765          | 12896                             | 25210                        | 88152                        |
| South Khorasan.....          | 22593                             | 28875            | 51461           | 17916                             | 18762                        | 50446                        |
| Khorasan-e-Razavi .....      | 136726                            | 623214           | 576096          | 90839                             | 164527                       | 520714                       |
| North Khorasan.....          | 40271                             | 177002           | 240252          | 18418                             | 51417                        | 182497                       |
| Khuzestan .....              | 76449                             | 921069           | 2120375         | 48724                             | 551783                       | 1874767                      |
| Zanjan.....                  | 40447                             | 413419           | 319526          | 10608                             | 24491                        | 86264                        |
| Semnan .....                 | 11287                             | 38015            | 105012          | 9353                              | 22569                        | 84002                        |
| Sistan & Baluchestan.....    | 31035                             | 51876            | 113604          | 30246                             | 50794                        | 112555                       |
| Fars .....                   | 54922                             | 261781           | 724380          | 41003                             | 170767                       | 669722                       |
| Qazvin.....                  | 24662                             | 181523           | 304585          | 13490                             | 58387                        | 225748                       |
| Kordestan.....               | 440                               | 2213             | 8663            | 440                               | 2213                         | 8663                         |
| Kerman .....                 | 59514                             | 533424           | 308824          | 9005                              | 21333                        | 74432                        |
| Kermanshah.....              | 35862                             | 121646           | 469515          | 35811                             | 121596                       | 469317                       |
| Kohgiluyeh & Boyerahmad..... | 65194                             | 305010           | 505017          | 24592                             | 75747                        | 299610                       |
| Golestan.....                | 35179                             | 99031            | 119896          | 8339                              | 20291                        | 68560                        |
| Mazandaran .....             | 52221                             | 297468           | 649981          | 17104                             | 89847                        | 298091                       |
| Markazi.....                 | 3256                              | 4434             | 4134            | 361                               | 194                          | 546                          |
| Hormozgan .....              | 77917                             | 306176           | 477207          | 31604                             | 77563                        | 259782                       |
| Hamedan.....                 | 25629                             | 65042            | 195956          | Q                                 | Q                            | Q                            |
| Yazd .....                   | 30986                             | 254115           | 231739          | 17706                             | 34778                        | 125407                       |
| Others .....                 | 1546                              | 8217             | 31958           | 1410                              | 7891                         | 31259                        |

### 5.7. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF WHEAT BY OSTAN (continued) (holding-ha-ton)

| Year and Ostan               | Rainfed            |                  |                |
|------------------------------|--------------------|------------------|----------------|
|                              | Number of holdings | Cultivation area | Production     |
| 1382 .....                   | 915574             | 4513370          | 4164284        |
| 1393 .....                   | 787069             | 4406672          | -              |
| 1397 .....                   | 800585             | 4551176          | 5694305        |
| <b>1400 .....</b>            | <b>783029</b>      | <b>4676627</b>   | <b>3339137</b> |
| East Azarbayejan .....       | 94191              | 413624           | 449918         |
| West Azarbayejan.....        | 50730              | 240544           | 200792         |
| Ardebil.....                 | 42675              | 173120           | 132942         |
| Esfahan .....                | 8107               | 42546            | 33352          |
| Alborz .....                 | 188                | 742              | 1176           |
| Ilam.....                    | 25489              | 98057            | 64432          |
| Bushehr.....                 | 10530              | 159826           | 44179          |
| Tehran.....                  | 550                | 6577             | 6244           |
| Chaharmahal & Bakhtiari      | 20412              | 61211            | 49613          |
| South Khorasan.....          | 6273               | 10112            | 1015           |
| Khorasan-e-Razavi .....      | 69154              | 458687           | 55382          |
| North Khorasan.....          | 27115              | 125585           | 57755          |
| Khuzestan .....              | 32806              | 369286           | 245607         |
| Zanjan.....                  | 36215              | 388928           | 233262         |
| Semnan .....                 | 2277               | 15446            | 21011          |
| Sistan & Baluchestan.....    | 835                | 1082             | 1049           |
| Fars .....                   | 18405              | 91015            | 54657          |
| Qazvin.....                  | 13375              | 123136           | 78836          |
| Kordestan.....               | 0                  | 0                | 0              |
| Kerman .....                 | 57242              | 512091           | 234392         |
| Kermanshah .....             | 50                 | 49               | 198            |
| Kohgiluyeh & Boyerahmad..... | 49916              | 229262           | 205406         |
| Golestan.....                | 28573              | 78740            | 51336          |
| Mazandaran .....             | 37248              | 207620           | 351891         |
| Markazi.....                 | 2924               | 4240             | 3588           |
| Hormozgan .....              | 61779              | 228613           | 217425         |
| Hamedan.....                 | 25627              | 65041            | 195954         |
| Yazd .....                   | 21437              | 219337           | 106331         |
| Others .....                 | 136                | 326              | 699            |

1. A holding can have both irrigated and rainfed lands. By considering this fact, the total number of holdings is equal or less than the sum of the number of holdings with irrigated lands and the number of rainfed lands.

2. Excluding the statistics for Mazandaran..

Source: Statistical Center of Iran

### 5.8. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF BARELY BY OSTAN (holding-ha-ton)

| Year and Ostan                | Total                             |                  |                | Irrigated     |                  |                |
|-------------------------------|-----------------------------------|------------------|----------------|---------------|------------------|----------------|
|                               | Number of holdings <sup>(1)</sup> | Cultivation area | Production     | Number        | Cultivation area | Production     |
| 1382 .....                    | 860964                            | 1817572          | 2631691        | 447891        | 606165           | 1624515        |
| 1393 .....                    | 716236                            | 2070292          | -              | 329600        | 655179           | -              |
| 1397 .....                    | 678868                            | 1765538          | 2746678        | 325961        | 545323           | 1470132        |
| <b>1400 .....</b>             | <b>743925</b>                     | <b>2202878</b>   | <b>2940660</b> | <b>363549</b> | <b>684522</b>    | <b>1947455</b> |
| East Azarbayegan .....        | 76628                             | 143284           | 187954         | 22053         | 29922            | 63136          |
| West Azarbayegan.....         | 18555                             | 49916            | 65936          | 6877          | 12290            | 36665          |
| Ardebil.....                  | 45154                             | 182275           | 204434         | 12149         | 37280            | 99852          |
| Esfahan .....                 | 35525                             | 51835            | 185683         | 33192         | 42351            | 175916         |
| Alborz .....                  | 1891                              | 10907            | 30937          | 1778          | 9805             | 30223          |
| Ilam.....                     | 22781                             | 76180            | 51002          | 51            | 245              | 513            |
| Bushehr.....                  | 5152                              | 28311            | 13340          | 494           | 1988             | 5407           |
| Tehran.....                   | 3377                              | 16094            | 52659          | 3318          | 14853            | 50701          |
| Chaharmahal & Bakhtiyari..... | 21262                             | 46642            | 49919          | 4401          | 6737             | 18070          |
| South Khorasan.....           | 23418                             | 22704            | 47488          | 21787         | 19924            | 47124          |
| Khorasan-e-Razavi .....       | 96751                             | 243126           | 354265         | 80112         | 127546           | 333291         |
| North Khorasan.....           | 24005                             | 70309            | 86854          | 12575         | 26687            | 68991          |
| Khuzestan .....               | 29435                             | 129659           | 125499         | 6621          | 32142            | 77966          |
| Zanjan .....                  | 16187                             | 49115            | 56920          | 6870          | 11203            | 34474          |
| Semnan .....                  | 9897                              | 26107            | 65202          | 7495          | 18016            | 56173          |
| Sistan & Baluchestan.....     | 25396                             | 19466            | 42913          | 23398         | 18750            | 41378          |
| Fars .....                    | 43068                             | 169707           | 160460         | 23682         | 56135            | 117083         |
| Qazvin.....                   | 17047                             | 70697            | 153963         | 10905         | 35160            | 127814         |
| Kordestan.....                | 2422                              | 14884            | 46697          | 2405          | 14566            | 46262          |
| Kerman .....                  | 10956                             | 17846            | 15749          | 3077          | 3857             | 9080           |
| Kermanshah.....               | 23077                             | 46500            | 173577         | 22983         | 46187            | 172884         |
| Kohgiluyeh & Boyerahmad.....  | 34807                             | 113626           | 108576         | 6264          | 15189            | 40307          |
| Golestan.....                 | 19149                             | 37466            | 26262          | 2998          | 3380             | 7809           |
| Lorestan .....                | 14358                             | 126985           | 70195          | 2519          | 8932             | 19491          |
| Mazandaran .....              | 56261                             | 192628           | 214191         | 10867         | 19188            | 52050          |
| Markazi.....                  | 8575                              | 17770            | 34509          | 923           | 1527             | 3273           |
| Hormozgan .....               | 15215                             | 43694            | 75648          | 12667         | 22250            | 65864          |
| Hamedan.....                  | 35570                             | 173832           | 217794         | 15477         | 44362            | 132316         |
| Others .....                  | 8005                              | 11313            | 22032          | 5610          | 4049             | 13341          |

**5.8. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF BARELY BY OSTAN (continued) (holding-ha-ton)**

| Year and Ostan               | Rainfed                           |                  |               |
|------------------------------|-----------------------------------|------------------|---------------|
|                              | Number of holdings <sup>(1)</sup> | Cultivation area | Production    |
| 1382 .....                   | 453163                            | 1211407          | 1007176       |
| 1393 .....                   | 413597                            | 1415113          | -             |
| 1397 .....                   | 388884                            | 1220215          | 1276546       |
| <b>1400 .....</b>            | <b>429172</b>                     | <b>1518355</b>   | <b>993205</b> |
| East Azarbayejan .....       | 58815                             | 113363           | 124818        |
| West Azarbayejan.....        | 12790                             | 37626            | 29271         |
| Ardebil.....                 | 35777                             | 144995           | 104582        |
| Esfahan .....                | 3544                              | 9484             | 9767          |
| Alborz.....                  | 196                               | 1103             | 713           |
| Ilam.....                    | 22730                             | 75936            | 50489         |
| Bushehr.....                 | 4703                              | 26323            | 7933          |
| Tehran.....                  | 269                               | 1241             | 1958          |
| Chaharmahal & Bakhtiari..... | 18696                             | 39905            | 31849         |
| South Khorasan.....          | 2208                              | 2780             | 365           |
| Khorasan-e-Razavi .....      | 26113                             | 115579           | 20975         |
| North Khorasan.....          | 13383                             | 43622            | 17863         |
| Khuzestan .....              | 22892                             | 97517            | 47533         |
| Zanjan .....                 | 11022                             | 37911            | 22446         |
| Semnan .....                 | 2451                              | 8092             | 9029          |
| Sistan & Baluchestan.....    | 1997                              | 717              | 1535          |
| Fars .....                   | 21652                             | 113572           | 43377         |
| Qazvin.....                  | 7630                              | 35537            | 26149         |
| Kordestan.....               | 25                                | 317              | 435           |
| Kerman .....                 | 8299                              | 13988            | 6670          |
| Kermanshah.....              | 94                                | 313              | 692           |
| Kohgiluyeh & Boyerahmad..... | 30981                             | 98437            | 68269         |
| Golestan.....                | 16932                             | 34086            | 18454         |
| Lorestan .....               | 12440                             | 118053           | 50705         |
| Mazandaran .....             | 52384                             | 173440           | 162140        |
| Markazi.....                 | 7651                              | 16242            | 31235         |
| Hormozgan .....              | 4698                              | 21444            | 9784          |
| Hamedan.....                 | 26141                             | 129470           | 85477         |
| Others .....                 | 2656                              | 7263             | 8691          |

1. A holding can have both irrigated and rainfed lands. By considering this fact, the total number of holdings is equal or less than the sum of the number of holdings with irrigated lands and the number of rainfed lands.

Source: Statistical Center of Iran.

**5.9. NUMBER OF HOLDINGS, CULTIVATION AREA AND PRODUCTION OF RICE (PADDY) <sup>(1)</sup>**  
**BY OSTAN** **(holding-ha-ton)**

| Year and Ostan                | Total              |                  |                |
|-------------------------------|--------------------|------------------|----------------|
|                               | Number of holdings | Cultivation area | Production     |
| 1382 .....                    | 517272             | 465453           | 1819990        |
| 1393 .....                    | 420441             | 383013           | -              |
| 1397 .....                    | 430180             | 396877           | 1956281        |
| <b>1400 .....</b>             | <b>397958</b>      | <b>494430</b>    | <b>1820368</b> |
| East Azarbayejan .....        | 5359               | 10791            | 34614          |
| Khuzestan .....               | 6080               | 3657             | 13408          |
| Zanjan .....                  | 19027              | 107785           | 348988         |
| Fars .....                    | 4265               | 5818             | 18312          |
| Kohgiluyeh & Boyerahmad ..... | 12688              | 25114            | 112490         |
| Golestan .....                | 9335               | 20412            | 92912          |
| Gilan .....                   | 166855             | 127579           | 419763         |
| Lorestan .....                | 6733               | 10918            | 32941          |
| Mazandaran .....              | 140857             | 162431           | 673607         |
| Other .....                   | 26758              | 19924            | 73334          |

1. Rice (paddy) is cultivated only through irrigation.

Source: Statistical Centre of Iran.

**5.10. NUMBER OF GREENHOUSES, HALLS AND AREA BY OSTAN, THE YEAR 1399**

| Ostan                         | Number of greenhouses | Number of halls | Area (hectare) |
|-------------------------------|-----------------------|-----------------|----------------|
| <b>Total country .....</b>    | <b>22477</b>          | <b>87822</b>    | <b>9856</b>    |
| East Azarbayejan .....        | 539                   | 1670            | 239            |
| West Azarbayejan.....         | 166                   | 461             | 42             |
| Ardebil .....                 | 57                    | 187             | 42             |
| Esfahan .....                 | 2779                  | 8191            | 1574           |
| Alborz .....                  | 487                   | 1869            | 189            |
| Ilam.....                     | 12                    | 58              | 10             |
| Bushehr.....                  | 237                   | 3145            | 114            |
| Tehran.....                   | 2574                  | 24874           | 2038           |
| Chaharmahal & Bakhtiari.....  | 93                    | 487             | 31             |
| South Khorasan.....           | 373                   | 787             | 68             |
| Khorasan-e-Razavi .....       | 1733                  | 5272            | 301            |
| North Khorasan.....           | 229                   | 465             | 44             |
| Khuzestan .....               | 226                   | 786             | 110            |
| Zanjan .....                  | 154                   | 355             | 30             |
| Semnan .....                  | 364                   | 1438            | 114            |
| Sistan & Baluchestan .....    | 920                   | 4193            | 262            |
| Fars .....                    | 839                   | 2963            | 302            |
| Qazvin.....                   | 112                   | 409             | 68             |
| Qom .....                     | 151                   | 579             | 59             |
| Kordestan.....                | 89                    | 109             | 22             |
| Kerman .....                  | 3173                  | 8626            | 1928           |
| Kermanshah.....               | 96                    | 331             | 33             |
| Kohgiluyeh & Boyerahmad ..... | 92                    | 250             | 39             |
| Golestan.....                 | 212                   | 745             | 51             |
| Gilan .....                   | 359                   | 980             | 44             |
| Lorestan .....                | 190                   | 295             | 55             |
| Mazandaran .....              | 2279                  | 5548            | 301            |
| Markazi.....                  | 1271                  | 4034            | 468            |
| Hormozgan .....               | 240                   | 805             | 228            |
| Hamedan .....                 | 290                   | 2136            | 109            |
| Yazd .....                    | 2141                  | 5774            | 942            |

Source: Statistical Center of Iran.

**5.11. NUMBER OF HOLDINGS FARMING MUSHROOMS, HALLS AND AREA BY OSTAN**

| Ostan                         | Number of mushrooms | Production <sup>(1)</sup> (ton) |
|-------------------------------|---------------------|---------------------------------|
| 1380 .....                    | 194                 | 6997                            |
| 1385 .....                    | 534                 | 18863                           |
| 1391 .....                    | 1033                | 57932                           |
| 1396 .....                    | 1613                | 62957                           |
| <b>1400 .....</b>             | <b>1947</b>         | <b>106143</b>                   |
| East Azarbayejan .....        | 45                  | 1699                            |
| West Azarbayejan.....         | 19                  | 1544                            |
| Ardebil .....                 | 39                  | 1529                            |
| Esfahan .....                 | 156                 | 9468                            |
| Alborz .....                  | 35                  | 19333                           |
| Ilam.....                     | 000                 | 000                             |
| Bushehr.....                  | 42                  | 310                             |
| Tehran.....                   | 99                  | 21974                           |
| Chaharmahal & Bakhtiari.....  | 70                  | 2777                            |
| South Khorasan.....           | 38                  | 494                             |
| Khorasan-e-Razavi .....       | 86                  | 7365                            |
| North Khorasan.....           | 11                  | 304                             |
| Khuzestan .....               | 35                  | 6009                            |
| Zanjan .....                  | 38                  | 657                             |
| Semnan .....                  | 31                  | 922                             |
| Sistan & Baluchestan .....    | 000                 | 000                             |
| Fars .....                    | 204                 | 6122                            |
| Qazvin.....                   | 57                  | 7700                            |
| Qom .....                     | 7                   | 859                             |
| Kordestan.....                | 33                  | 3119                            |
| Kerman .....                  | 52                  | 946                             |
| Kermanshah.....               | 23                  | 1308                            |
| Kohgiluyeh & Boyerahmad ..... | 12                  | 374                             |
| Golestan.....                 | 190                 | 1140                            |
| Gilan .....                   | 49                  | 768                             |
| Lorestan .....                | 48                  | 456                             |
| Mazandaran .....              | 313                 | 3774                            |
| Markazi.....                  | 42                  | 2205                            |
| Hormozgan .....               | 35                  | 61                              |
| Hamedan .....                 | 121                 | 2522                            |
| Yazd .....                    | 17                  | 404                             |

1. Referring to the production of holdings which farm mushrooms for the year prior to the year of survey.

Source: Statistical Center of Iran.

**5.12. HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE  
ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1399 (holding-head)**

| Ostan                            | Number<br>of<br>holdings | Number of cattle & calves |                |                | Number<br>of<br>holdings | Number of sheep & lambs |                 |                |
|----------------------------------|--------------------------|---------------------------|----------------|----------------|--------------------------|-------------------------|-----------------|----------------|
|                                  |                          | Total                     | Female         | Male           |                          | Total                   | Female          | Male           |
| <b>Total country.....</b>        | <b>560802</b>            | <b>5323974</b>            | <b>3974891</b> | <b>1349083</b> | <b>814902</b>            | <b>46587010</b>         | <b>39062312</b> | <b>7524697</b> |
| East Azarbayejan .....           | 57149                    | 526622                    | 408072         | 118550         | 50104                    | 3132407                 | 2609690         | 522716         |
| West Azarbayejan.....            | 61993                    | 412166                    | 333266         | 78899          | 42661                    | 3274987                 | 2858251         | 416736         |
| Ardebil .....                    | 27368                    | 270062                    | 215725         | 54337          | 22580                    | 1719192                 | 1473407         | 245785         |
| Esfahan .....                    | 20996                    | 243772                    | 190734         | 53038          | 39962                    | 2294864                 | 1860234         | 434630         |
| Alborz .....                     | 1028                     | 73744                     | 57479          | 16265          | 2490                     | 282993                  | 245829          | 37164          |
| Ilam.....                        | 3418                     | 15803                     | 12906          | 2897           | 12144                    | 860720                  | 793457          | 67263          |
| Bushehr.....                     | 3333                     | 24764                     | 14206          | 10557          | 4358                     | 202821                  | 172407          | 30414          |
| Tehran.....                      | 3044                     | 359083                    | 193454         | 165628         | 5626                     | 861324                  | 677803          | 183522         |
| Chaharmahal &<br>Bakhtiari ..... | 10607                    | 55534                     | 44182          | 11352          | 12400                    | 978103                  | 867378          | 110725         |
| South Khorasan.....              | 5856                     | 28769                     | 22266          | 6503           | 45132                    | 964308                  | 677751          | 286557         |
| Khorasan-e-Razavi .....          | 18996                    | 272302                    | 210517         | 61785          | 105182                   | 5671391                 | 4723301         | 948090         |
| North Khorasan.....              | 9655                     | 51871                     | 39934          | 11937          | 28945                    | 1467853                 | 1232739         | 235113         |
| Khuzestan .....                  | 40206                    | 351103                    | 263638         | 87464          | 34651                    | 2541720                 | 2207135         | 334586         |
| Zanjan .....                     | 16347                    | 105029                    | 82494          | 22535          | 21708                    | 1134401                 | 962388          | 172012         |
| Semnan .....                     | 2572                     | 61793                     | 46277          | 15516          | 13314                    | 1314076                 | 1111480         | 202596         |
| Sistan & Baluchestan ....        | 14431                    | 80955                     | 58483          | 22473          | 41913                    | 1248430                 | 1007605         | 240824         |
| Fars .....                       | 11357                    | 228077                    | 165593         | 62483          | 35057                    | 2582124                 | 2166882         | 415242         |
| Qazvin.....                      | 10383                    | 182038                    | 105908         | 76131          | 12642                    | 1054664                 | 905501          | 149163         |
| Qom .....                        | 1565                     | 72243                     | 21107          | 51136          | 3174                     | 420944                  | 330430          | 90514          |
| Kordestan.....                   | 23994                    | 114746                    | 95207          | 19540          | 25908                    | 1106873                 | 951160          | 155714         |
| Kerman .....                     | 23588                    | 157356                    | 114350         | 43006          | 49885                    | 2081595                 | 1637845         | 443751         |
| Kermanshah .....                 | 15535                    | 91216                     | 66867          | 24349          | 23473                    | 1259011                 | 1076125         | 182886         |
| Kohgiluyeh &<br>Boyerahmad ..... | 7252                     | 28884                     | 23627          | 5257           | 7456                     | 352681                  | 319562          | 33119          |
| Golestan.....                    | 24838                    | 204581                    | 182019         | 22563          | 23150                    | 1274929                 | 1161944         | 112985         |
| Gilan .....                      | 60770                    | 407152                    | 326842         | 80310          | 9493                     | 462381                  | 395451          | 66930          |
| Lorestan .....                   | 20609                    | 167643                    | 135088         | 32555          | 31570                    | 2804030                 | 2443569         | 360462         |
| Mazandaran .....                 | 30940                    | 434923                    | 350918         | 84006          | 24065                    | 1181170                 | 995118          | 186052         |
| Markazi.....                     | 12292                    | 102148                    | 42124          | 60024          | 26299                    | 1756273                 | 1451604         | 304669         |
| Hormozgan .....                  | 4721                     | 18677                     | 15005          | 3672           | 19173                    | 254458                  | 198229          | 56229          |
| Hamedan .....                    | 14140                    | 115231                    | 84298          | 30933          | 30595                    | 1726482                 | 1289694         | 436788         |
| Yazd .....                       | 1818                     | 65687                     | 52305          | 13382          | 9792                     | 319805                  | 258343          | 61462          |

**5.12. NUMBER OF HOLDINGS WITH LIVESTOCK AND THE NUMBER OF THEIR LIVESTOCK ON THE ENUMERATION DAY BY SEX AND OSTAN, THE YEAR 1399 (continued) (holding-head)**

| Ostan                        | Number of holdings | Number of goats & kids |                 |                |
|------------------------------|--------------------|------------------------|-----------------|----------------|
|                              |                    | Total                  | Female          | Male           |
| <b>Total country.....</b>    | <b>697907</b>      | <b>16663721</b>        | <b>13536777</b> | <b>3126944</b> |
| East Azarbayejan .....       | 31480              | 465827                 | 396437          | 69390          |
| West Azarbayejan.....        | 24863              | 399965                 | 362769          | 37196          |
| Ardebil.....                 | 16013              | 300948                 | 257178          | 43770          |
| Esfahan .....                | 27607              | 758791                 | 599628          | 159163         |
| Alborz.....                  | 1126               | 31330                  | 26753           | 4577           |
| Ilam.....                    | 9979               | 281787                 | 252889          | 28898          |
| Bushehr.....                 | 9114               | 366553                 | 304996          | 61557          |
| Tehran.....                  | 3270               | 85886                  | 65070           | 20816          |
| Chaharmahal & Bakhtiari..... | 10486              | 341858                 | 301047          | 40811          |
| South Khorasan.....          | 39220              | 631317                 | 461609          | 169709         |
| Khorasan-e-Razavi .....      | 69435              | 729945                 | 598359          | 131586         |
| North Khorasan.....          | 17309              | 338300                 | 282646          | 55654          |
| Khuzestan .....              | 36585              | 1378066                | 1170418         | 207648         |
| Zanjan.....                  | 15051              | 175087                 | 145471          | 29617          |
| Semnan .....                 | 10768              | 455167                 | 374140          | 81027          |
| Sistan & Baluchestan.....    | 101168             | 1821123                | 1420283         | 400839         |
| Fars .....                   | 45270              | 2445102                | 1986165         | 458938         |
| Qazvin.....                  | 6058               | 119297                 | 92275           | 27022          |
| Qom .....                    | 2716               | 105009                 | 74230           | 30779          |
| Kordestan.....               | 16119              | 186685                 | 159721          | 26965          |
| Kerman .....                 | 55098              | 1982255                | 1516587         | 465669         |
| Kermanshah.....              | 16656              | 240781                 | 198747          | 42034          |
| Kohgiluyeh & Boyerahmad..... | 14774              | 703903                 | 623840          | 80063          |
| Golestan.....                | 11806              | 248101                 | 223016          | 25084          |
| Gilan .....                  | 3742               | 92487                  | 71083           | 21403          |
| Lorestan .....               | 23511              | 647707                 | 543032          | 104676         |
| Mazandaran .....             | 5677               | 145225                 | 116553          | 28673          |
| Markazi.....                 | 12858              | 244086                 | 192767          | 51320          |
| Hormozgan .....              | 36676              | 565027                 | 427766          | 137261         |
| Hamedan .....                | 12856              | 117759                 | 90157           | 27602          |
| Yazd .....                   | 10614              | 258344                 | 201147          | 57197          |

Source: Statistical Center of Iran.

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

| Year and Ostan                | Sheep & lambs |                 | Goats & kids  |                 | Cattle & calves |                |
|-------------------------------|---------------|-----------------|---------------|-----------------|-----------------|----------------|
|                               | Holdings      | Livestock       | Holdings      | Livestock       | Holdings        | Livestock      |
| 1384.....                     | 1218797       | 53800136        | 1156009       | 25530649        | 1321531         | 7609358        |
| 1387.....                     | 1105727       | 49976138        | 1087932       | 22333547        | 1210741         | 7088984        |
| 1390.....                     | 1277798       | 50214617        | 1129427       | 22094251        | 1096303         | 6075772        |
| 1393.....                     | 874434        | 44731757        | 715307        | 15918259        | 651332          | 4572681        |
| 1396.....                     | 801935        | 40029687        | 712962        | 15711084        | 619667          | 4879363        |
| <b>1399.....</b>              | <b>814902</b> | <b>46587010</b> | <b>697907</b> | <b>16663721</b> | <b>560802</b>   | <b>5323974</b> |
| East Azarbayejan.....         | 50104         | 3132407         | 31480         | 465827          | 57149           | 526622         |
| West Azarbayejan .....        | 42661         | 3274987         | 24863         | 399965          | 61993           | 412166         |
| Ardebil.....                  | 22580         | 1719192         | 16013         | 300948          | 27368           | 270062         |
| Esfahan.....                  | 39962         | 2294864         | 27607         | 758791          | 20996           | 243772         |
| Alborz.....                   | 2490          | 282993          | 1126          | 31330           | 1028            | 73744          |
| Ilam .....                    | 12144         | 860720          | 9979          | 281787          | 3418            | 15803          |
| Bushehr .....                 | 4358          | 202821          | 9114          | 366553          | 3333            | 24764          |
| Tehran .....                  | 5626          | 861324          | 3270          | 85886           | 3044            | 359083         |
| Chaharmahal & Bakhtiyari..... | 12400         | 978103          | 10486         | 341858          | 10607           | 55534          |
| South Khorasan .....          | 45132         | 964308          | 39220         | 631317          | 5856            | 28769          |
| Khorasan-e-Razavi .....       | 105182        | 5671391         | 69435         | 729945          | 18996           | 272302         |
| North Khorasan .....          | 28945         | 1467853         | 17309         | 338300          | 9655            | 51871          |
| Khuzestan.....                | 34651         | 2541720         | 36585         | 1378066         | 40206           | 351103         |
| Zanjan.....                   | 21708         | 1134401         | 15051         | 175087          | 16347           | 105029         |
| Semnan.....                   | 13314         | 1314076         | 10768         | 455167          | 2572            | 61793          |
| Sistan & Baluchestan .....    | 41913         | 1248430         | 101168        | 1821123         | 14431           | 80955          |
| Fars .....                    | 35057         | 2582124         | 45270         | 2445102         | 11357           | 228077         |
| Qazvin .....                  | 12642         | 1054664         | 6058          | 119297          | 10383           | 182038         |
| Qom.....                      | 3174          | 420944          | 2716          | 105009          | 1565            | 72243          |
| Kordestan .....               | 25908         | 1106873         | 16119         | 186685          | 23994           | 114746         |
| Kerman.....                   | 49885         | 2081595         | 55098         | 1982255         | 23588           | 157356         |
| Kermanshah.....               | 23473         | 1259011         | 16656         | 240781          | 15535           | 91216          |
| Kohgiluyeh & Boyerahmad ....  | 7456          | 352681          | 14774         | 703903          | 7252            | 28884          |
| Golestan.....                 | 23150         | 1274929         | 11806         | 248101          | 24838           | 204581         |
| Gilan.....                    | 9493          | 462381          | 3742          | 92487           | 60770           | 407152         |
| Lorestan.....                 | 31570         | 2804030         | 23511         | 647707          | 20609           | 167643         |
| Mazandaran .....              | 24065         | 1181170         | 5677          | 145225          | 30940           | 434923         |
| Markazi .....                 | 26299         | 1756273         | 12858         | 244086          | 12292           | 102148         |
| Hormozgan .....               | 19173         | 254458          | 36676         | 565027          | 4721            | 18677          |
| Hamedan .....                 | 30595         | 1726482         | 12856         | 117759          | 14140           | 115231         |
| Yazd .....                    | 9792          | 319805          | 10614         | 258344          | 1818            | 65687          |

Source: Statistical Center of Iran.

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

| Year and Ostan              | Total milk production  | Sheep         |                 |                 | Goat          |                |                 |
|-----------------------------|------------------------|---------------|-----------------|-----------------|---------------|----------------|-----------------|
|                             |                        | Holding       | Sheep milked    | Milk production | Holding       | Goats milked   | Milk production |
| 1384 .....                  | 7248467                | 751932        | 16942306        | 543935          | 830472        | 8982559        | 410056          |
| 1387 .....                  | 6679890                | 540037        | 11573720        | 444004          | 662234        | 5872081        | 270157          |
| 1390 .....                  | 6600895                | 632708        | 13910897        | 459843          | 583378        | 5868738        | 205059          |
| 1393 .....                  | 6328064 <sup>(1)</sup> | 476806        | 10585469        | 380551          | 463192        | 4449174        | 200134          |
| 1396 .....                  | 7572825                | 474615        | 12846569        | 449718          | 528379        | 6080868        | 311625          |
| <b>1399 .....</b>           | <b>8236026</b>         | <b>378836</b> | <b>11371807</b> | <b>376202</b>   | <b>492167</b> | <b>7048013</b> | <b>350831</b>   |
| East Azarbayejan .....      | 832178                 | 45586         | 1818776         | 81613           | 28443         | 259130         | 19226           |
| West Azarbayejan.....       | 406141                 | 32719         | 1308691         | 41727           | 19931         | 178159         | 10692           |
| Ardebil .....               | 273639                 | 19225         | 886612          | 42878           | 13719         | 165703         | 15834           |
| Esfahan .....               | 602304                 | 3934          | 88398           | 2247            | 19274         | 306822         | 14461           |
| Alborz .....                | 195919                 | 1590          | 88747           | 4798            | 829           | 11305          | 690             |
| Ilam.....                   | 33074                  | 6390          | 311723          | 6949            | 6930          | 114998         | 3584            |
| Bushehr.....                | 20280                  | 1531          | 57583           | 2387            | 4949          | 121192         | 5598            |
| Tehran.....                 | 803178                 | 1059          | 154135          | 3407            | 845           | 18996          | 541             |
| Chaharmahal & Bakhtiari.... | 141547                 | 1461          | 60862           | 726             | 7528          | 179314         | 7341            |
| South Khorasan.....         | 69892                  | 27992         | 231278          | 3691            | 33038         | 246288         | 9955            |
| Khorasan-e-Razavi .....     | 921034                 | 77139         | 2202835         | 50012           | 49749         | 278739         | 8452            |
| North Khorasan.....         | 83141                  | 18182         | 478441          | 6633            | 10381         | 112419         | 2485            |
| Khuzestan .....             | 213227                 | 3909          | 157202          | 6889            | 18766         | 436129         | 16233           |
| Zanjan .....                | 141580                 | 13584         | 273385          | 8833            | 11530         | 71844          | 4478            |
| Semnan .....                | 188534                 | 6935          | 348423          | 9111            | 7748          | 189196         | 8096            |
| Sistan & Baluchestan.....   | 119973                 | 19842         | 323501          | 15612           | 75401         | 586077         | 28453           |
| Fars .....                  | 641366                 | 7951          | 215342          | 7127            | 32976         | 1781297        | 86583           |
| Qazvin.....                 | 345750                 | 993           | 68415           | 1386            | 2494          | 32491          | 1289            |
| Qom .....                   | 92323                  | 647           | 26186           | 1824            | 2101          | 32022          | 2561            |
| Kordestan.....              | 104982                 | 18249         | 402261          | 13598           | 13802         | 98990          | 5828            |
| Kerman .....                | 332960                 | 27071         | 567772          | 21888           | 33998         | 605319         | 38359           |
| Kermanshah .....            | 136429                 | 11005         | 382137          | 12629           | 11879         | 116150         | 5382            |
| Kohgiluyeh & Boyerahmad...  | 42637                  | 57            | 3378            | 116             | 14323         | 376094         | 16852           |
| Golestan.....               | 187587                 | 3792          | 150662          | 3789            | 2861          | 51784          | 1660            |
| Gilan .....                 | 100536                 | 6920          | 184664          | 5584            | 2288          | 26811          | 1181            |
| Lorestan .....              | 210095                 | 3680          | 91825           | 3188            | 19221         | 284358         | 10566           |
| Mazandaran .....            | 470500                 | 8268          | 361660          | 13882           | 2765          | 48169          | 2358            |
| Markazi.....                | 103160                 | 590           | 15562           | 235             | 3810          | 37499          | 1927            |
| Hormozgan .....             | 18876                  | 4579          | 36470           | 1553            | 25257         | 134446         | 6171            |
| Hamedan.....                | 229571                 | 3381          | 49234           | 1601            | 5797          | 27644          | 1592            |
| Yazd.....                   | 173611                 | 577           | 25649           | 289             | 9532          | 118627         | 12402           |

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

| Year and Ostan               | Cattle             |                         |                 |
|------------------------------|--------------------|-------------------------|-----------------|
|                              | Number of holdings | Number of cattle milked | Milk production |
| 1384 .....                   | 1187672            | 2719058                 | 6294476         |
| 1387 .....                   | 1010879            | 2420143                 | 5965728         |
| 1390 .....                   | 902613             | 2199657                 | 5935994         |
| 1393 .....                   | 561952             | 1688666                 | 5704513         |
| 1396 .....                   | 556673             | 1860182                 | 6811482         |
| <b>1399 .....</b>            | <b>506672</b>      | <b>2038571</b>          | <b>7508993</b>  |
| East Azarbayejan .....       | 54035              | 239158                  | 731338          |
| West Azarbayejan.....        | 59267              | 163003                  | 353722          |
| Ardebil.....                 | 25728              | 106392                  | 214927          |
| Esfahan .....                | 16934              | 89810                   | 585597          |
| Alborz .....                 | 729                | 28754                   | 190432          |
| Ilam.....                    | 3247               | 8777                    | 22540           |
| Bushehr.....                 | 2750               | 6047                    | 12295           |
| Tehran.....                  | 1828               | 95043                   | 799230          |
| Chaharmahal & Bakhtiari..... | 9750               | 26929                   | 133479          |
| South Khorasan .....         | 5521               | 12909                   | 56247           |
| Khorasan-e-Razavi .....      | 18273              | 121991                  | 862569          |
| North Khorasan .....         | 8806               | 23367                   | 74023           |
| Khuzestan .....              | 37083              | 115081                  | 190106          |
| Zanjan .....                 | 14593              | 40935                   | 128269          |
| Semnan .....                 | 2129               | 23111                   | 171326          |
| Sistan & Baluchestan.....    | 12135              | 34820                   | 75908           |
| Fars .....                   | 10873              | 96433                   | 547655          |
| Qazvin.....                  | 8890               | 59732                   | 343075          |
| Qom .....                    | 1018               | 12154                   | 87939           |
| Kordestan.....               | 22971              | 55387                   | 85556           |
| Kerman .....                 | 19955              | 56981                   | 272713          |
| Kermanshah.....              | 14802              | 40646                   | 118418          |
| Kohgiluyeh & Boyerahmad..... | 6210               | 10740                   | 25669           |
| Golestan.....                | 22488              | 71985                   | 182138          |
| Gilan .....                  | 48850              | 125870                  | 93771           |
| Lorestan .....               | 19619              | 72378                   | 196341          |
| Mazandaran .....             | 30428              | 201102                  | 454260          |
| Markazi.....                 | 10995              | 23795                   | 100998          |
| Hormozgan .....              | 1887               | 4392                    | 11152           |
| Hamedan.....                 | 13198              | 45495                   | 226379          |
| Yazd.....                    | 1677               | 25358                   | 160919          |

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

Source: Statistical Centre of Iran.

**5.15. HOLDINGS WITH SMALL LIVESTOCK, BY NUMBER OF LIVESTOCK AND PRODUCTION OF SHEEP WOOL, GOAT HAIR AND SOFT WOOL DISAGGRGATED BY OSTAN**

**(holding - head- kg)**

| Year and Ostan                | Sheep wool         |                           |                 | Goat hair and soft wool |                                                |                               |
|-------------------------------|--------------------|---------------------------|-----------------|-------------------------|------------------------------------------------|-------------------------------|
|                               | Number of holdings | Number of shorn livestock | Wool production | Number of holdings      | Number of hair and soft wool clipped livestock | Hair and soft wool production |
| 1384.....                     | 1085395            | 40361587                  | 52454715        | 249420                  | 5988723                                        | 2905312                       |
| 1387.....                     | 974221             | 34801936                  | 38114067        | 244895                  | 779182                                         | 344596                        |
| 1390.....                     | 1131476            | 38024926                  | 42430090        | 226036                  | 4013614                                        | 2085613                       |
| 1393.....                     | 795185             | 32125592                  | 35283133        | 214559                  | 4082771                                        | 1903918                       |
| 1396.....                     | 735101             | 31682044                  | 31921272        | 199670                  | 3833116                                        | 1932471                       |
| <b>1399.....</b>              | <b>740163</b>      | <b>34550452</b>           | <b>37638165</b> | <b>153507</b>           | <b>3413243</b>                                 | <b>1762515</b>                |
| East Azarbayejan.....         | 47470              | 2365514                   | 4336443         | 799                     | 7671                                           | 3138                          |
| West Azarbayejan .....        | 38156              | 2671646                   | 3615985         | 6370                    | 176739                                         | 99333                         |
| Ardebil .....                 | 22407              | 1457463                   | 2119524         | 0                       | 0                                              | 0                             |
| Esfahan.....                  | 35126              | 1598172                   | 1206014         | 359                     | 18078                                          | 11973                         |
| Alborz .....                  | 2318               | 232630                    | 228049          | 757                     | 12041                                          | 9673                          |
| Ilam .....                    | 11868              | 707915                    | 1226312         | 5881                    | 135273                                         | 113918                        |
| Bushehr .....                 | 3760               | 163104                    | 155226          | 592                     | 52191                                          | 21021                         |
| Tehran .....                  | 2992               | 555624                    | 254804          | 44                      | 533                                            | 160                           |
| Chaharmahal & Bakhtiari ..... | 11953              | 905826                    | 787307          | 59                      | 3405                                           | 1762                          |
| South Khorasan.....           | 41993              | 472223                    | 328189          | 19773                   | 161810                                         | 50146                         |
| Khorasan-e-Razavi.....        | 100323             | 4196293                   | 3643191         | 6023                    | 47358                                          | 30919                         |
| North Khorasan.....           | 28127              | 1381452                   | 1764556         | 0                       | 0                                              | 0                             |
| Khuzestan.....                | 32711              | 1921210                   | 2791642         | 10298                   | 356557                                         | 138083                        |
| Zanjan .....                  | 19976              | 776491                    | 546952          | 0                       | 0                                              | 0                             |
| Semnan.....                   | 12165              | 1028884                   | 733752          | 1918                    | 76542                                          | 25113                         |
| Sistan & Baluchestan .....    | 36818              | 820740                    | 1049934         | 31951                   | 402313                                         | 214380                        |
| Fars.....                     | 30448              | 1829340                   | 1394041         | 7838                    | 277001                                         | 151425                        |
| Qazvin .....                  | 11762              | 769935                    | 662771          | 369                     | 7105                                           | 4247                          |
| Qom.....                      | 2970               | 231641                    | 191549          | 0                       | 0                                              | 0                             |
| Kordestan .....               | 25280              | 901399                    | 1139032         | 5984                    | 58694                                          | 61974                         |
| Kerman.....                   | 42325              | 1463083                   | 1253922         | 33884                   | 1206120                                        | 559895                        |
| Kermanshah .....              | 17778              | 907950                    | 794205          | 600                     | 8923                                           | 4462                          |
| Kohgiluyeh & Boyerahmad ..... | 6780               | 277147                    | 310179          | 127                     | 9959                                           | 3876                          |
| Golestan .....                | 21286              | 1164934                   | 876507          | 6921                    | 158955                                         | 63077                         |
| Gilan.....                    | 7974               | 385835                    | 657022          | 1295                    | 21077                                          | 22218                         |
| Lorestan.....                 | 26484              | 1572763                   | 1763862         | 6398                    | 99359                                          | 42586                         |
| Mazandaran.....               | 22818              | 1024949                   | 1465027         | 4642                    | 98699                                          | 125519                        |
| Markazi .....                 | 24950              | 1207612                   | 1005193         | 0                       | 0                                              | 0                             |
| Hormozgan.....                | 13325              | 164703                    | 113268          | 117                     | 1901                                           | 570                           |
| Hamedan .....                 | 29817              | 1178316                   | 1089558         | 388                     | 2971                                           | 1098                          |
| Yazd .....                    | 8002               | 215659                    | 134150          | 119                     | 11967                                          | 1948                          |

Source: Statistical Center of Iran.

### 5.16. HOLDINGS WITH ACTIVITIES ON PERMANENT CROPS AND THEIR PRODUCTION BY OSTAN (holding –ton)

| Year and Ostan                | Number of holdings | Production              |
|-------------------------------|--------------------|-------------------------|
| 1386 .....                    | 2560560            | 11215762                |
| 1389 .....                    | 2378903            | 10959841                |
| 1394 .....                    | 1809781            | 12178844 <sup>(1)</sup> |
| 1396 .....                    | 1694334            | 11623634 <sup>(2)</sup> |
| <b>1398 .....</b>             | <b>1597297</b>     | <b>12902069</b>         |
| East Azarbayejan .....        | 97401              | 1134424                 |
| West Azarbayejan .....        | 86720              | 1235660                 |
| Ardebil .....                 | 24023              | 188930                  |
| Esfahan .....                 | 80184              | 336251                  |
| Alborz .....                  | 24294              | 180497                  |
| Ilam .....                    | 4105               | 7403                    |
| Bushehr .....                 | 16059              | 117197                  |
| Tehran .....                  | 25927              | 245098                  |
| Chaharmahal & Bakhtiari ..... | 24820              | 87520                   |
| South Khorasan .....          | 43199              | 105541                  |
| Khorasan-e-Razavi .....       | 124908             | 398202                  |
| North Khorasan .....          | 29714              | 89847                   |
| Khuzestan .....               | 23528              | 300703                  |
| Zanjan .....                  | 41951              | 297463                  |
| Semnan .....                  | 35106              | 114742                  |
| Sistan & Baluchestan .....    | 57764              | 382171                  |
| Fars .....                    | 76090              | 1135893                 |
| Qazvin .....                  | 47756              | 382034                  |
| Qom .....                     | 6854               | 12059                   |
| Kordestan .....               | 43834              | 87733                   |
| Kerman .....                  | 145660             | 1998159                 |
| Kermanshah .....              | 23606              | 73647                   |
| Kohgiluyeh & Boyerahmad ..... | 17332              | 69387                   |
| Golestan .....                | 14801              | 129331                  |
| Gilan .....                   | 106278             | 289759                  |
| Lorestan .....                | 23364              | 89776                   |
| Mazandaran .....              | 173786             | 2505866                 |
| Markazi .....                 | 42717              | 362210                  |
| Hormozgan .....               | 27020              | 197876                  |
| Hamedan .....                 | 55898              | 208793                  |
| Yazd .....                    | 52596              | 137897                  |

1. The production of the permanent crops in these years is related to the production for the year 1393.

2. The actual number for the production of permanent crops for the year 1395 was 11095139 tons. Since this survey was conducted in the summer of the year 1396, the number for the production of cherries, sore cherries types of plums and green plums, etc. is actual figure but is an estimation for products such as oranges, tangerines, etc.

Source: Statistical Centre of Iran.

### 5.17. NUMBER AND AREA OF HOLDINGS WITH ORCHARDS AND NURSERIES BY TYPE OF CROPPING AND OSTAN (holding-ha)

| Year and Ostan               | Total orchards and nurseries      |                | Single cropping (monocropping) |                | Mixed cropping (multi cropping) |               |
|------------------------------|-----------------------------------|----------------|--------------------------------|----------------|---------------------------------|---------------|
|                              | Number of holdings <sup>(1)</sup> | Area           | Number of holdings             | Area           | Number of holdings              | Area          |
| 1386 .....                   | 2063403                           | 1772784        | 1423824                        | 1292085        | 890266                          | 480700        |
| 1389 .....                   | 2081848                           | 1880005        | 1290850                        | 1287247        | 981948                          | 592758        |
| 1394 .....                   | 1707741                           | 1814287        | 1136342                        | 1263549        | 738454                          | 550738        |
| 1396 .....                   | 1648727                           | 1853323        | 1072958                        | 1294118        | 740784                          | 559205        |
| <b>1398 .....</b>            | <b>1509831</b>                    | <b>1891025</b> | <b>932919</b>                  | <b>1315354</b> | <b>736181</b>                   | <b>575671</b> |
| East Azarbayejan .....       | 96650                             | 95787          | 38234                          | 40841          | 68203                           | 54947         |
| West Azarbayejan.....        | 85152                             | 104803         | 60192                          | 69422          | 37523                           | 35381         |
| Ardebil .....                | 22072                             | 31147          | 13018                          | 23326          | 12605                           | 7820          |
| Esfahan .....                | 80142                             | 71033          | 44489                          | 55912          | 49046                           | 15121         |
| Alborz .....                 | 24291                             | 20873          | 4930                           | 8735           | 21410                           | 12138         |
| Ilam.....                    | 4093                              | 4607           | 1363                           | 2504           | 2891                            | 2103          |
| Bushehr.....                 | 14588                             | 21385          | 13214                          | 20085          | 1519                            | 1300          |
| Tehran.....                  | 25796                             | 33232          | 6059                           | 18056          | 20814                           | 15176         |
| Chaharmahal & Bakhtiari..... | 24650                             | 25921          | 18418                          | 20412          | 9600                            | 5509          |
| South Khorasan.....          | 43199                             | 42053          | 26924                          | 32981          | 21843                           | 9072          |
| Khorasan-e-Razavi .....      | 124097                            | 172623         | 76363                          | 130663         | 60203                           | 41959         |
| North Khorasan.....          | 29459                             | 32024          | 16832                          | 18540          | 16236                           | 13484         |
| Khuzestan .....              | 23247                             | 46426          | 18906                          | 39490          | 4551                            | 6937          |
| Zanjan .....                 | 40714                             | 46462          | 31749                          | 30406          | 18399                           | 16056         |
| Semnan .....                 | 32839                             | 39748          | 8994                           | 21231          | 25053                           | 18517         |
| Sistan & Baluchestan.....    | 44006                             | 58184          | 30927                          | 50097          | 14362                           | 8087          |
| Fars .....                   | 75433                             | 154315         | 54978                          | 116565         | 26363                           | 37750         |
| Qazvin.....                  | 47194                             | 65022          | 34221                          | 42729          | 20982                           | 22293         |
| Qom .....                    | 6649                              | 9893           | 2544                           | 8288           | 4712                            | 1605          |
| Kordestan.....               | 43216                             | 28419          | 28676                          | 15864          | 30479                           | 12555         |
| Kerman .....                 | 137816                            | 341361         | 96335                          | 246541         | 45889                           | 94819         |
| Kermanshah.....              | 23447                             | 24918          | 6780                           | 5559           | 18586                           | 19359         |
| Kohgiluyeh & Boyerahmad..... | 16627                             | 20141          | 9927                           | 12062          | 8871                            | 8079          |
| Golestan.....                | 12200                             | 19610          | 5516                           | 15037          | 7512                            | 4572          |
| Gilan .....                  | 85699                             | 58057          | 60060                          | 46974          | 32586                           | 11083         |
| Lorestan .....               | 22987                             | 22632          | 11129                          | 11352          | 12694                           | 11281         |
| Mazandaran .....             | 153897                            | 111269         | 96192                          | 70216          | 68565                           | 41054         |
| Markazi.....                 | 42013                             | 54223          | 29422                          | 35974          | 22880                           | 18249         |
| Hormozgan .....              | 20794                             | 33924          | 17356                          | 25070          | 4669                            | 8854          |
| Hamedan.....                 | 54935                             | 27793          | 36415                          | 14134          | 26380                           | 13659         |
| Yazd.....                    | 51928                             | 73140          | 32757                          | 66287          | 20755                           | 6853          |

1. Considering this fact that a holding can include mixed and single orchard and nursery simultaneously, the total number of holdings is not necessarily equal to the sum of holdings with mixed and single orchards and nurseries.

Source: Statistical Centre of Iran.

**5.18. BROILER CHICKEN FARMS AND THEIR HALLS CAPACITY <sup>(1)</sup> BY OSTAN (1000 fowls)**

| Year and Ostan                 | Number of farms |              |                     | Capacity<br>(Thousand pieces) | The number<br>of halls |
|--------------------------------|-----------------|--------------|---------------------|-------------------------------|------------------------|
|                                | Total           | In operation | Out of<br>operation |                               |                        |
| 1383.....                      | 17267           | 14216        | 3051                | 225729                        | 31726                  |
| 1388.....                      | 17192           | 15207        | 1985                | 260241                        | 34572                  |
| 1390.....                      | 17192           | 13878        | 3314                | 245616                        | 30655                  |
| 1391.....                      | 18097           | 14356        | 3741                | 265467                        | 31891                  |
| 1394.....                      | 18093           | 12573        | 5520                | 274299                        | 30085                  |
| 1397.....                      | 20520           | 15322        | 5198                | 412525                        | 47095                  |
| <b>1399.....</b>               | <b>20520</b>    | <b>16452</b> | <b>4068</b>         | <b>417555</b>                 | <b>46496</b>           |
| East Azarbayejan.....          | 890             | 577          | 313                 | 14108                         | 1936                   |
| West Azarbayejan .....         | 615             | 440          | 175                 | 13708                         | 1532                   |
| Ardebil .....                  | 305             | 248          | 57                  | 5800                          | 667                    |
| Esfahan.....                   | 1922            | 1378         | 544                 | 40428                         | 4282                   |
| Alborz .....                   | 202             | 132          | 70                  | 3425                          | 406                    |
| Ilam .....                     | 354             | 326          | 28                  | 6286                          | 678                    |
| Bushehr .....                  | 206             | 182          | 24                  | 6541                          | 661                    |
| Tehran .....                   | 239             | 95           | 144                 | 8410                          | 666                    |
| Chaharmahal & Bakhtiyari ..... | 186             | 181          | 5                   | 3995                          | 344                    |
| South Khorasan .....           | 824             | 606          | 218                 | 11355                         | 1218                   |
| Khorasan-e-Razavi.....         | 1921            | 1417         | 504                 | 32475                         | 4598                   |
| North Khorasan .....           | 102             | 90           | 12                  | 2568                          | 238                    |
| Khuzestan.....                 | 843             | 734          | 109                 | 17599                         | 1800                   |
| Zanjan .....                   | 207             | 174          | 33                  | 6117                          | 540                    |
| Semnan.....                    | 422             | 309          | 113                 | 10401                         | 927                    |
| Sistan & Baluchestan .....     | 219             | 163          | 56                  | 5864                          | 474                    |
| Fars.....                      | 1226            | 916          | 310                 | 29498                         | 2468                   |
| Qazvin .....                   | 515             | 382          | 133                 | 11033                         | 1111                   |
| Qom.....                       | 306             | 201          | 105                 | 6444                          | 773                    |
| Kordestan .....                | 775             | 740          | 35                  | 14210                         | 3067                   |
| Kerman.....                    | 757             | 506          | 251                 | 9831                          | 1985                   |
| Kermanshah .....               | 766             | 593          | 173                 | 10155                         | 1499                   |
| Kohgiluyeh & Boyerahmad .....  | 131             | 106          | 25                  | 2772                          | 308                    |
| Golestan .....                 | 911             | 910          | 1                   | 29394                         | 2239                   |
| Gilan.....                     | 842             | 841          | 1                   | 20385                         | 2244                   |
| Lorestan.....                  | 648             | 550          | 98                  | 13703                         | 1077                   |
| Mazandaran.....                | 1933            | 1916         | 17                  | 38523                         | 4416                   |
| Markazi .....                  | 675             | 456          | 219                 | 13642                         | 1447                   |
| Hormozgan.....                 | 354             | 343          | 11                  | 7490                          | 663                    |
| Hamedan .....                  | 495             | 290          | 205                 | 8556                          | 867                    |
| Yazd .....                     | 729             | 650          | 79                  | 12837                         | 1368                   |

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

Source: Statistical Centre of Iran.

### 5.19. QUANTITY AND VALUE OF PRODUCTION AT BROILER CHICKEN FARMS BY OSTAN (ton- mln rials)

| Year and Ostan                | Full-grown     |                  | Cull     |        | Manure   |                |
|-------------------------------|----------------|------------------|----------|--------|----------|----------------|
|                               | Quantity       | Value            | Quantity | Value  | Quantity | Value          |
| 1382 .....                    | 1371018        | 11409123         | 13282    | 68555  | 1049603  | 101504         |
| 1387.....                     | 1994542        | -                | -        | -      | -        | -              |
| 1389.....                     | 1862838        | 37628484         | 14161    | 176735 | 1413890  | 360126         |
| 1390.....                     | 1907194        | 43534365         | 13565    | 194293 | 1462665  | 492869         |
| 1393.....                     | 2052924        | 81726174         | 9270     | 227411 | 1434533  | 1864399        |
| 1396.....                     | 2539761        | -                | -        | -      | -        | -              |
| <b>1398.....</b>              | <b>3197961</b> | <b>245544252</b> | -        | -      | -        | <b>6532413</b> |
| East Azarbayejan .....        | 101410         | 7773217          | -        | -      | -        | 161555         |
| West Azarbayejan .....        | 94961          | 7373083          | -        | -      | -        | 187100         |
| Ardebil .....                 | 47609          | 3704494          | -        | -      | -        | 99231          |
| Esfahan .....                 | 243090         | 19025588         | -        | -      | -        | 548903         |
| Alborz .....                  | 18657          | 1476884          | -        | -      | -        | 33783          |
| Ilam .....                    | 59587          | 4509712          | -        | -      | -        | 137987         |
| Bushehr .....                 | 41454          | 3177883          | -        | -      | -        | 84874          |
| Tehran .....                  | 26281          | 1956145          | -        | -      | -        | 43321          |
| Chaharmahal & Bakhtiari ..... | 34512          | 2656105          | -        | -      | -        | 85594          |
| South Khorasan .....          | 66580          | 5524184          | -        | -      | -        | 106911         |
| Khorasan-e-Razavi .....       | 240021         | 17402319         | -        | -      | -        | 546312         |
| North Khorasan .....          | 34531          | 2494741          | -        | -      | -        | 24246          |
| Khuzestan .....               | 122699         | 9764266          | -        | -      | -        | 240933         |
| Zanjan .....                  | 48575          | 3974723          | -        | -      | -        | 117670         |
| Semnan .....                  | 68347          | 4826267          | -        | -      | -        | 123474         |
| Sistan & Baluchestan .....    | 31231          | 2746249          | -        | -      | -        | 43476          |
| Fars .....                    | 236151         | 17321457         | -        | -      | -        | 479632         |
| Qazvin .....                  | 81070          | 6394819          | -        | -      | -        | 171060         |
| Qom .....                     | 39632          | 3008291          | -        | -      | -        | 82058          |
| Kordestan .....               | 111593         | 8444051          | -        | -      | -        | 242873         |
| Kerman .....                  | 78081          | 5970217          | -        | -      | -        | 181639         |
| Kermanshah .....              | 82640          | 6560150          | -        | -      | -        | 252729         |
| Kohgiluyeh & Boyerahmad ..... | 14179          | 1165517          | -        | -      | -        | 20977          |
| Golestan .....                | 289436         | 22213893         | -        | -      | -        | 437695         |
| Gilan .....                   | 221760         | 17299357         | -        | -      | -        | 436670         |
| Lorestan .....                | 111265         | 8382842          | -        | -      | -        | 307154         |
| Mazandaran .....              | 360355         | 27267840         | -        | -      | -        | 622346         |
| Markazi .....                 | 92120          | 6916212          | -        | -      | -        | 206200         |
| Hormozgan .....               | 50504          | 4060761          | -        | -      | -        | 75935          |
| Hamedan .....                 | 66209          | 5045941          | -        | -      | -        | 152111         |
| Yazd .....                    | 83422          | 7107044          | -        | -      | -        | 277965         |

Source: Statistical Centre of Iran.

### 5.20. NUMBER AND HALL CAPACITY <sup>(1)</sup> OF LAYER CHICKEN AND PULLET FARMS BY OSTAN (1000 fowls)

| Year and Ostan                    | Number of farms | Number of poultry halls | Capacity     |
|-----------------------------------|-----------------|-------------------------|--------------|
| 1385.....                         | 1432            | 5096                    | 76046        |
| 1388.....                         | 1380            | 4271                    | 69221        |
| 1390.....                         | 1286            | 4043                    | 68359        |
| 1391.....                         | 1350            | 4358                    | 71113        |
| 1394.....                         | 1402            | 5426                    | 75767        |
| 1397.....                         | 1746            | 5102                    | 98425        |
| <b>1399.....</b>                  | <b>1625</b>     | <b>4663</b>             | <b>97560</b> |
| East Azarbayejan.....             | 238             | 597                     | 11119        |
| West Azarbayejan .....            | 19              | 58                      | 720          |
| Ardebil .....                     | 17              | 23                      | 391          |
| Esfahan.....                      | 182             | 454                     | 11197        |
| Alborz .....                      | 98              | 363                     | 6634         |
| Tehran .....                      | 99              | 512                     | 11271        |
| Chaharmahal & Bakhtiari .....     | 5               | 6                       | 240          |
| South Khorasan .....              | 43              | 76                      | 2100         |
| Khorasan-e-Razavi.....            | 275             | 628                     | 11850        |
| Norh Khorasan .....               | 3               | 3                       | 55           |
| Khuzestan.....                    | 17              | 45                      | 657          |
| Zanjan .....                      | 19              | 51                      | 1113         |
| Semnan.....                       | 34              | 92                      | 1846         |
| Sistan & Baluchestan .....        | 5               | 22                      | 782          |
| Fars.....                         | 67              | 211                     | 4826         |
| Qazvin .....                      | 67              | 292                     | 8731         |
| Qom.....                          | 173             | 578                     | 9546         |
| Kordestan .....                   | 9               | 14                      | 394          |
| Kerman.....                       | 25              | 75                      | 1483         |
| Kermanshah .....                  | 15              | 23                      | 650          |
| Kohgiluyeh & Boyerahmad .....     | 5               | 5                       | 215          |
| Golestan .....                    | 19              | 85                      | 2306         |
| Lorestan.....                     | 18              | 23                      | 741          |
| Mazandaran.....                   | 13              | 34                      | 501          |
| Markazi .....                     | 79              | 175                     | 3902         |
| Hamedan .....                     | 32              | 73                      | 1404         |
| Yazd .....                        | 45              | 138                     | 2680         |
| Other Ostans <sup>(2)</sup> ..... | 4               | 7                       | 210          |

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

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

Source: Statistical Centre of Iran.

### 5.21. QUANTITY AND VALUE OF PRODUCTION TYPES AT LAYER CHICKEN AND PULLET FARMS BY OSTAN (ton- mln rials)

| Year and Ostan                    | Edible <sup>(1)</sup> |                 | Cull <sup>(2)</sup> |        | Manure   |                |
|-----------------------------------|-----------------------|-----------------|---------------------|--------|----------|----------------|
|                                   | Quantity              | Value           | Quantity            | Value  | Quantity | Value          |
| 1384.....                         | 576478                | 3021222         | 23301               | 91212  | 498321   | 45873          |
| 1387.....                         | 725367                | -               | -                   | -      | -        | -              |
| 1389.....                         | 686531                | 8548520         | 13937               | 137027 | 478298   | 116679         |
| 1390.....                         | 558659                | 12132039        | 16315               | 181233 | 397089   | 127486         |
| 1393.....                         | 777119                | 23646947        | 16933               | 342802 | 519146   | 567909         |
| 1396.....                         | 673689                | -               | -                   | -      | -        | -              |
| <b>1398.....</b>                  | <b>869421</b>         | <b>57565518</b> | -                   | -      | -        | <b>1189221</b> |
| East Azarbayejan.....             | 100491                | 6318146         | -                   | -      | -        | 79595          |
| West Azarbayejan .....            | 3603                  | 208442          | -                   | -      | -        | 5360           |
| Ardebil .....                     | 2843                  | 207388          | -                   | -      | -        | 2234           |
| Esfahan.....                      | 134833                | 8753282         | -                   | -      | -        | 217033         |
| Alborz .....                      | 73655                 | 4787994         | -                   | -      | -        | 43976          |
| Tehran .....                      | 65480                 | 4071467         | -                   | -      | -        | 197895         |
| Chaharmahal & Bakhtiari .....     | 3356                  | 209520          | -                   | -      | -        | 8668           |
| South Khorasan .....              | 23447                 | 1677536         | -                   | -      | -        | 36824          |
| Khorasan-e-Razavi.....            | 110974                | 7168215         | -                   | -      | -        | 141516         |
| North Khorasan .....              | 278                   | 17314           | -                   | -      | -        | 340            |
| Khuzestan.....                    | 4191                  | 255166          | -                   | -      | -        | 5828           |
| Zanjan .....                      | 10202                 | 804969          | -                   | -      | -        | 16197          |
| Semnan.....                       | 14859                 | 979440          | -                   | -      | -        | 19223          |
| Sistan & Baluchestan .....        | 1445                  | 72250           | -                   | -      | -        | 270            |
| Fars.....                         | 26415                 | 1758236         | -                   | -      | -        | 51670          |
| Qazvin .....                      | 64130                 | 4565834         | -                   | -      | -        | 51623          |
| Qom.....                          | 85165                 | 5640513         | -                   | -      | -        | 97006          |
| Kordestan .....                   | 2923                  | 199363          | -                   | -      | -        | 2580           |
| Kerman.....                       | 34591                 | 2736377         | -                   | -      | -        | 39906          |
| Kermanshah .....                  | 5515                  | 370887          | -                   | -      | -        | 8833           |
| Kohgiluyeh & Boyerahmad .....     | 2024                  | 147495          | -                   | -      | -        | 2773           |
| Golestan .....                    | 21921                 | 1546014         | -                   | -      | -        | 16229          |
| Lorestan.....                     | 6293                  | 386963          | -                   | -      | -        | 13450          |
| Mazandaran.....                   | 3456                  | 247629          | -                   | -      | -        | 1906           |
| Markazi .....                     | 30187                 | 1909415         | -                   | -      | -        | 49695          |
| Hamedan .....                     | 13299                 | 795515          | -                   | -      | -        | 18117          |
| Yazd .....                        | 21413                 | 1578959         | -                   | -      | -        | 57604          |
| Other Ostans <sup>(3)</sup> ..... | 2430                  | 151189          | -                   | -      | -        | 2870           |

1. Including edible eggs, shell-less and broken eggs.

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

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

Source: Statistical Centre of Iran.

## 5.22. NUMBER OF SLAUGHTERHOUSES, NUMBER AND WEIGHT OF CONSUMABLE POULTRIES SLAUGHTERED IN THE NATIONAL AUTHORIZED SLAUGHTERHOUSE IN OPERATION, THE YEAR 1400

| Ostan                         | Number of slaughterhouses | Poultry (Hens and roosters) |                   | Other poultry <sup>(1)</sup> |                 |
|-------------------------------|---------------------------|-----------------------------|-------------------|------------------------------|-----------------|
|                               |                           | Number                      | Weight (kg)       | Number                       | Weight (kg)     |
| <b>Total country .....</b>    | <b>268</b>                | <b>1113084276</b>           | <b>2739559590</b> | <b>28325775</b>              | <b>66366945</b> |
| East Azarbayejan.....         | 12                        | 40274160                    | 104996328         | 625380                       | 1485600         |
| West Azarbayejan .....        | 14                        | 46976000                    | 118166744         | 23216                        | 110082          |
| Ardebil .....                 | 4                         | 22222099                    | 58478331          | 224216                       | 876628          |
| Esfahan.....                  | 20                        | 67697764                    | 174639845         | 2668475                      | 15463850        |
| Alborz .....                  | 6                         | 10488692                    | 29060331          | 5001055                      | 9076117         |
| Ilam .....                    | Ø                         | 8556280                     | 18701089          | 0                            | 0               |
| Bushehr .....                 | 4                         | 14989001                    | 33905459          | 0                            | 0               |
| Tehran .....                  | 21                        | 43058917                    | 120265510         | 1735460                      | 10307741        |
| Chaharmahal&Bakhtiari .....   | Ø                         | 13286382                    | 33379238          | 0                            | 0               |
| South Khorasan .....          | 6                         | 23119130                    | 50111779          | 419935                       | 377497          |
| Khorasan-e-Razavi.....        | 14                        | 84941985                    | 207575203         | 2325354                      | 5643937         |
| North Khorasan .....          | Ø                         | 13795521                    | 35163698          | 187                          | 5471            |
| Khuzestan.....                | 12                        | 46057088                    | 114376429         | 1738256                      | 788591          |
| Zanjan .....                  | 5                         | 22772958                    | 58329238          | 497780                       | 4709238         |
| Semnan.....                   | 8                         | 24403987                    | 61001975          | 16970                        | 125641          |
| Sistan&Baluchestan .....      | 4                         | 3183431                     | 6309227           | 6                            | 529             |
| Fars.....                     | 19                        | 74057069                    | 180583978         | 2437702                      | 1511462         |
| Qazvin .....                  | 6                         | 23432066                    | 55250937          | 163238                       | 1974004         |
| Qom .....                     | Ø                         | 9297192                     | 23276799          | 2043552                      | 4590956         |
| Kordestan .....               | 8                         | 23438850                    | 63014768          | 0                            | 0               |
| Kerman .....                  | 14                        | 27236521                    | 61919735          | 1653393                      | 3013314         |
| Kermanshah .....              | 11                        | 24817708                    | 55308237          | 0                            | 0               |
| Kohgiluyeh & Boyerahmad ..... | Ø                         | 7631068                     | 16615040          | 114                          | 7975            |
| Golestan .....                | 15                        | 113893154                   | 261614263         | 0                            | 0               |
| Gilan.....                    | 8                         | 101050548                   | 244511897         | 119011                       | 1365726         |
| Lorestan.....                 | 11                        | 31885696                    | 82767444          | 0                            | 0               |
| Mazandaran.....               | 19                        | 99731684                    | 242086871         | 0                            | 0               |
| Markazi .....                 | 7                         | 23863453                    | 67504165          | 1170960                      | 2383838         |
| Hormozgan.....                | 5                         | 20692453                    | 48793023          | 147                          | 14090           |
| Hamedan .....                 | 6                         | 24268977                    | 60808504          | 1743                         | 24402           |
| Yazd .....                    | 9                         | 21964442                    | 51043505          | 5459625                      | 2510256         |

1. Including turkey, quail, ostrich, etc.

Sources: Ministry of Agriculture-Jahad.

### 5.23. NUMBER OF CENTRES FOR SUPPLYING LIVESTOCK AND RAW LIVESTOCK PRODUCTS, THE YEAR 1400

| Ostan                     | Centre for supplying livestock | Centres for supplying raw livestock products |              |             |               |
|---------------------------|--------------------------------|----------------------------------------------|--------------|-------------|---------------|
|                           |                                | Livestock                                    | Poultry      | Aquatics    | Other         |
| <b>Total country.....</b> | <b>136</b>                     | <b>44299</b>                                 | <b>43788</b> | <b>5843</b> | <b>130486</b> |
| East Azarbayejan.....     | 20                             | 4312                                         | 1780         | 238         | 7322          |
| West Azarbayejan.....     | 4                              | 1072                                         | 1051         | 103         | 2469          |
| Ardebil.....              | 7                              | 1374                                         | 1082         | 109         | 2878          |
| Esfahan.....              | 7                              | 3334                                         | 3163         | 140         | 1399          |
| Alborz.....               | 0                              | 1021                                         | 1258         | 41          | 1989          |
| Ilam.....                 | 0                              | 769                                          | 316          | 51          | 1307          |
| Bushehr.....              | 3                              | 211                                          | 420          | 259         | 1579          |
| Tehran.....               | 2                              | 10128                                        | 10166        | 2071        | 28337         |
| Chaharmahal&Bakhtiyari    | 0                              | 849                                          | 1034         | 53          | 6372          |
| South Khorasan.....       | 2                              | 340                                          | 377          | 61          | 1880          |
| Khorasan-e-Razavi.....    | 8                              | 2804                                         | 3730         | 170         | 21407         |
| North Khorasan.....       | 1                              | 352                                          | 241          | 3           | 303           |
| Khuzestan.....            | 4                              | 1162                                         | 887          | 421         | 1884          |
| Zanjan.....               | 3                              | 760                                          | 645          | 27          | 2380          |
| Semnan.....               | 3                              | 237                                          | 283          | 3           | 3846          |
| Sistan&Baluchestan.....   | 2                              | 878                                          | 1817         | 172         | 3077          |
| Fars.....                 | 6                              | 1460                                         | 1984         | 265         | 7118          |
| Qazvin.....               | 3                              | 482                                          | 632          | 0           | 305           |
| Qom.....                  | 1                              | 600                                          | 491          | 48          | 1871          |
| Kordestan.....            | 7                              | 1081                                         | 1523         | 149         | 2370          |
| Kerman.....               | 1                              | 1638                                         | 1862         | 91          | 6574          |
| Kermanshah.....           | 8                              | 412                                          | 279          | 55          | 982           |
| Kohgiluyeh&Boyerahmad     | 2                              | 430                                          | 264          | 38          | 3053          |
| Golestan.....             | 4                              | 695                                          | 765          | 51          | 366           |
| Gilan.....                | 6                              | 2116                                         | 1665         | 328         | 2742          |
| Lorestan.....             | 6                              | 1028                                         | 1462         | 89          | 865           |
| Mazandaran.....           | 2                              | 1998                                         | 2328         | 415         | 2082          |
| Markazi.....              | 3                              | 518                                          | 574          | 17          | 3892          |
| Hormozgan.....            | 1                              | 158                                          | 469          | 165         | 5266          |
| Hamedan.....              | 11                             | 769                                          | 659          | 16          | 751           |
| Yazd.....                 | 9                              | 1311                                         | 581          | 194         | 3820          |

Sources: Iran Veterinary Organization.

**5.24. NUMBER OF LIVESTOCK QUARANTINE CENTRES, THE YEAR 1400**

| Ostan                       | Total      | Border    | Inland     |
|-----------------------------|------------|-----------|------------|
| <b>Total country .....</b>  | <b>199</b> | <b>46</b> | <b>153</b> |
| East Azarbayejan.....       | 13         | 2         | 11         |
| West Azarbayejan .....      | 11         | 5         | 6          |
| Ardebil .....               | 3          | 1         | 2          |
| Esfahan.....                | 4          | 1         | 3          |
| Alborz .....                | 3          | 1         | 2          |
| Ilam .....                  | 3          | 1         | 2          |
| Bushehr .....               | 3          | 1         | 2          |
| Tehran .....                | 10         | 3         | 7          |
| Chaharmahal&Bakhtiari ..... | 6          | 0         | 6          |
| South Khorasan .....        | 5          | 2         | 3          |
| Khorasan-e-Razavi.....      | 14         | 5         | 9          |
| North Khorasan .....        | 1          | 0         | 1          |
| Khuzestan.....              | 10         | 6         | 4          |
| Zanjan .....                | 5          | 0         | 5          |
| Semnan.....                 | 3          | 0         | 3          |
| Sistan&Baluchestan .....    | 12         | 5         | 7          |
| Fars.....                   | 8          | 0         | 8          |
| Qazvin .....                | 2          | 0         | 2          |
| Qom .....                   | 3          | 0         | 3          |
| Kordestan .....             | 13         | 4         | 9          |
| Kerman .....                | 8          | 0         | 8          |
| Kermanshah .....            | 4          | 2         | 2          |
| Kohgiluyeh&Boyerahmad ..... | 4          | 0         | 4          |
| Golestan .....              | 4          | 1         | 3          |
| Gilan.....                  | 6          | 2         | 4          |
| Lorestan.....               | 4          | 0         | 4          |
| Mazandaran.....             | 6          | 3         | 3          |
| Markazi .....               | 15         | 0         | 15         |
| Hormozgan.....              | 8          | 1         | 7          |
| Hamedan .....               | 5          | 0         | 5          |
| Yazd .....                  | 3          | 0         | 3          |

Sources: Iran Veterinary Organization.

**5.25. NUMBER AND CAPACITY OF OPERATING MODERN CATTLE FARMS ACTIVITY**

| Year and activity      | Number       | Capacity<br>(head) |
|------------------------|--------------|--------------------|
| 1375.....              | 9042         | 962228             |
| 1379.....              | 8559         | 982074             |
| 1386.....              | 14267        | 1895863            |
| 1389.....              | 19732        | 2276950            |
| 1392.....              | 18299        | 2572999            |
| 1395.....              | 18547        | 2829667            |
| <b>1398.....</b>       | <b>21709</b> | <b>3118303</b>     |
| Dairy cattle.....      | 14018        | 2120266            |
| Beef cattle only ..... | 7691         | 998037             |

Source: Statistical Centre of Iran.

**5.26. NUMBER OF COWS AND CALVES IN OPERATING MODERN CATTLE FARMS ON THE  
ENUMERATION DAY BY BREED AND OSTAN (head)**

| Year and Ostan                | All cattle farms |                |               |               |
|-------------------------------|------------------|----------------|---------------|---------------|
|                               | Total            | Exotic         | Crossbreed    | Indigenous    |
| 1375 .....                    | 539937           | 394869         | 103332        | 41736         |
| 1379 .....                    | 561491           | 393841         | 124745        | 42906         |
| 1386 .....                    | 1158904          | 663651         | 386936        | 108317        |
| 1389 .....                    | 1294779          | 847406         | 355118        | 92255         |
| 1392 .....                    | 1365935          | 897483         | 376754        | 91698         |
| 1395 .....                    | 1439391          | 971909         | 401882        | 65600         |
| <b>1398 .....</b>             | <b>1748554</b>   | <b>1229358</b> | <b>405750</b> | <b>113446</b> |
| East Azarbayejan .....        | 46929            | 33625          | 12241         | 1063          |
| West Azarbayejan .....        | 15740            | 13702          | 1786          | 252           |
| Ardebil .....                 | 27771            | 21635          | 6011          | 125           |
| Esfahan .....                 | 232099           | 179531         | 52342         | 226           |
| Alborz .....                  | 76016            | 74498          | 1252          | 266           |
| Ilam .....                    | 3627             | 3088           | 514           | 25            |
| Bushehr .....                 | 10977            | 701            | 9461          | 815           |
| Tehran .....                  | 489476           | 304924         | 93333         | 91219         |
| Chaharmahal & Bakhtiari ..... | 24908            | 22894          | 2004          | 10            |
| South Khorasan .....          | 15021            | 13386          | 1507          | 128           |
| Khorasan-e-Razavi .....       | 121193           | 108448         | 12657         | 88            |
| North Khorasan.....           | 7599             | 5794           | 1805          | 0             |
| Khuzestan .....               | 30206            | 6478           | 21982         | 1746          |
| Zanjan .....                  | 17149            | 13983          | 3090          | 76            |
| Semnan .....                  | 44223            | 30239          | 12600         | 1384          |
| Sistan & Baluchestan .....    | 8481             | 1795           | 6023          | 663           |
| Fars .....                    | 127764           | 109114         | 16828         | 1822          |
| Qazvin .....                  | 99930            | 75924          | 23880         | 126           |
| Qom .....                     | 58606            | 24887          | 26887         | 6832          |
| Kordestan .....               | 13398            | 12258          | 619           | 521           |
| Kerman .....                  | 31304            | 29123          | 2009          | 172           |
| Kermanshah .....              | 21583            | 20910          | 561           | 112           |
| Kohgiluyeh & Boyerahmad ..... | 5176             | 4175           | 895           | 106           |
| Golestan .....                | 20615            | 16904          | 3572          | 139           |
| Gilan .....                   | 3226             | 1506           | 849           | 871           |
| Lorestan .....                | 14806            | 10990          | 2604          | 1212          |
| Mazandaran .....              | 20409            | 16235          | 2701          | 1473          |
| Markazi .....                 | 80533            | 38973          | 39830         | 1730          |
| Hormozgan .....               | 3144             | 924            | 2023          | 197           |
| Hamedan .....                 | 28675            | 26741          | 1893          | 41            |
| Yazd .....                    | 47970            | 5973           | 41991         | 6             |

**5.26. NUMBER OF COWS AND CALVES IN OPERATING MODERN CATTLE FARMS ON THE  
ENUMERATION DAY BY BREED AND OSTAN (continued) (head)**

| Year and Ostan                 | Dairy cattle farms |                |               |             |
|--------------------------------|--------------------|----------------|---------------|-------------|
|                                | Total              | Exotic         | Crossbreed    | Indigenous  |
| 1375 .....                     | 500047             | 388330         | 90014         | 21703       |
| 1379 .....                     | 510037             | 385296         | 108110        | 16632       |
| 1386 .....                     | 917461             | 617454         | 287558        | 12449       |
| 1389 .....                     | -                  | -              | -             | -           |
| 1392 .....                     | 1022223            | 829441         | 186232        | 6550        |
| 1395 .....                     | 1159158            | 910791         | 240799        | 7568        |
| <b>1398 .....</b>              | <b>1309391</b>     | <b>1104054</b> | <b>200219</b> | <b>5118</b> |
| East Azarbayejan .....         | 41989              | 32492          | 8996          | 501         |
| West Azarbayejan .....         | 11902              | 10810          | 1011          | 81          |
| Ardebil .....                  | 24358              | 21350          | 2985          | 23          |
| Esfahan .....                  | 222603             | 174927         | 47511         | 165         |
| Alborz .....                   | 70757              | 69762          | 840           | 155         |
| Ilam .....                     | 1494               | 1311           | 183           | 0           |
| Bushehr .....                  | 1841               | 568            | 1180          | 93          |
| Tehran .....                   | 267207             | 253502         | 12608         | 1097        |
| Chaharmahal & Bakhtiyari ..... | 23955              | 21993          | 1952          | 10          |
| South Khorasan .....           | 14176              | 12726          | 1322          | 128         |
| Khorasan-e-Razavi .....        | 115770             | 103776         | 11908         | 86          |
| North Khorasan.....            | 6107               | 5334           | 773           | 0           |
| Khuzestan .....                | 17610              | 5964           | 11215         | 431         |
| Zanjan .....                   | 14009              | 12409          | 1544          | 56          |
| Semnan .....                   | 36023              | 27727          | 8277          | 19          |
| Sistan & Baluchestan .....     | 1938               | 721            | 944           | 273         |
| Fars .....                     | 107933             | 97903          | 9895          | 135         |
| Qazvin .....                   | 89188              | 74845          | 14319         | 24          |
| Qom .....                      | 24996              | 19287          | 5667          | 42          |
| Kordestan .....                | 6619               | 6382           | 182           | 55          |
| Kerman .....                   | 28369              | 27224          | 1083          | 62          |
| Kermanshah .....               | 17281              | 17064          | 197           | 20          |
| Kohgiluyeh & Boyerahmad .....  | 3707               | 3386           | 321           | 0           |
| Golestan .....                 | 18733              | 16222          | 2436          | 75          |
| Gilan .....                    | 1954               | 1107           | 483           | 364         |
| Lorestan .....                 | 10690              | 8969           | 1463          | 258         |
| Mazandaran .....               | 18273              | 15757          | 1842          | 674         |
| Markazi .....                  | 35508              | 29491          | 5848          | 169         |
| Hormozgan .....                | 1326               | 357            | 879           | 90          |
| Hamedan .....                  | 26127              | 24715          | 1385          | 27          |
| Yazd .....                     | 46948              | 5973           | 40970         | 5           |

Source: Statistical Centre of Iran.

**5.27. QUANTITY AND VALUE OF MILK AND MANURE PRODUCED IN MODERN CATTLE FARMS** **(1000 tons- mln rial)**

| Year and Ostan                 | Milk        |          | Manure              |         |
|--------------------------------|-------------|----------|---------------------|---------|
|                                | Quantity    | Value    | Total cattle farms  |         |
|                                |             |          | Quantity            | Value   |
| 1374 .....                     | 1007        | 513634   | 2415 <sup>(1)</sup> | 17755   |
| 1378 .....                     | 1215        | 1247549  | 2000 <sup>(1)</sup> | 35060   |
| 1385 .....                     | 2415        | 6624859  | 3233                | 197484  |
| 1388 .....                     | 3216        | -        | -                   | -       |
| 1391 .....                     | 3793        | 31934432 | 2741                | 559675  |
| 1394 .....                     | 4087        | 47533616 | 3230                | 1504284 |
| 1397 .....                     | 5004        | 90352891 | 7697                | 4323936 |
| <b>1400 .....</b>              | <b>6182</b> | -        | -                   | -       |
| East Azarbayejan .....         | 157         | -        | -                   | -       |
| West Azarbayejan .....         | 569         | -        | -                   | -       |
| Ardebil .....                  | 641         | -        | -                   | -       |
| Esfahan.....                   | 146         | -        | -                   | -       |
| Alborz .....                   | 843         | -        | -                   | -       |
| Ilam .....                     | 441         | -        | -                   | -       |
| Bushehr .....                  | 475         | -        | -                   | -       |
| Tehran .....                   | 105         | -        | -                   | -       |
| Chaharmahal & Bakhtiyari ..... | 780         | -        | -                   | -       |
| South Khorasan.....            | 478         | -        | -                   | -       |
| Khorasan-e-Razavi.....         | 466         | -        | -                   | -       |
| North Khorasan.....            | 288         | -        | -                   | -       |
| Khuzestan.....                 | 524         | -        | -                   | -       |
| Zanjan .....                   | 641         | -        | -                   | -       |
| Semnan.....                    | 146         | -        | -                   | -       |
| Sistan & Baluchestan .....     | 137         | -        | -                   | -       |
| Fars .....                     | 486         | -        | -                   | -       |
| Qazvin .....                   | 524         | -        | -                   | -       |
| Qom .....                      | 933         | -        | -                   | -       |
| Kordestan .....                | 372         | -        | -                   | -       |
| Kerman .....                   | 105         | -        | -                   | -       |
| Kermanshah .....               | 919         | -        | -                   | -       |
| Kohgiluyeh & Boyerahmad .....  | 195         | -        | -                   | -       |
| Golestan .....                 | 906         | -        | -                   | -       |
| Gilan.....                     | 506         | -        | -                   | -       |
| Lorestan.....                  | 520         | -        | -                   | -       |
| Mazandaran.....                | 730         | -        | -                   | -       |
| Markazi .....                  | 143         | -        | -                   | -       |
| Hormozgan.....                 | 542         | -        | -                   | -       |
| Hamedan .....                  | 900         | -        | -                   | -       |
| Yazd .....                     | 211         | -        | -                   | -       |

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

Source: Statistical Centre of Iran.

### 5.28. NUMBER AND WEIGHT OF EDIBLE CARCASSES OF LIVESTOCK SLAUGHTERED AT AUTHORIZED SLAUGHTERHOUSES BY OSTAN (carcasses- kg)

| Ostan                          | Sheep and lamb  |                  | Goats and kids |                 | Cattles and calves |                  |
|--------------------------------|-----------------|------------------|----------------|-----------------|--------------------|------------------|
|                                | Number          | Weight           | Number         | Weight          | Number             | Weight           |
| 1385 <sup>(1)</sup> .....      | 9870440         | 166363742        | 2914197        | 39164876        | 1518040            | 246153044        |
| 1390 .....                     | 5672565         | 103897849        | 1842103        | 27000139        | 1382272            | 250182659        |
| 1395 .....                     | 9709475         | 175644990        | 2388292        | 34680152        | 1183223            | 227774011        |
| 1396 .....                     | 8609118         | 161535294        | 2223110        | 33501720        | 1134123            | 222923523        |
| 1397 .....                     | 6395207         | 121246275        | 1907008        | 28191272        | 1003125            | 203081760        |
| 1398 .....                     | 5867576         | 116484326        | 1599187        | 24005318        | 820259             | 173064212        |
| 1399 .....                     | 7954534         | 151874795        | 2054675        | 30686046        | 1169843            | 249820779        |
| <b>1400 .....</b>              | <b>12543375</b> | <b>238134856</b> | <b>2503209</b> | <b>38423543</b> | <b>1613308</b>     | <b>336331827</b> |
| East Azarbayejan ..            | 802788          | 16030629         | 47850          | 841149          | 154040             | 32460109         |
| West Azarbayejan ..            | 91310           | 1947057          | 23490          | 382610          | 75933              | 15204289         |
| Ardebil .....                  | 220572          | 4704894          | 12160          | 188252          | 64508              | 11730727         |
| Esfahan .....                  | 2143443         | 41340553         | 563053         | 8023887         | 100264             | 27189175         |
| Alborz .....                   | 212403          | 3432309          | 7249           | 106721          | 25377              | 7115850          |
| Ilam .....                     | 32315           | 628221           | 9093           | 137778          | 7422               | 1401138          |
| Bushehr .....                  | 11896           | 232591           | 21580          | 337655          | 4380               | 958153           |
| Tehran .....                   | 2802959         | 41196324         | 78468          | 974179          | 259551             | 45815422         |
| Chaharmahal & Bakhtiari .....  | 193881          | 3909213          | 28550          | 443278          | 12668              | 2542480          |
| South Khorasan ....            | 53130           | 1240446          | 24682          | 436682          | 6734               | 1845870          |
| Khorasan-e-Razavi ..           | 1878500         | 44028413         | 56468          | 1034196         | 144459             | 34284150         |
| North Khorasan ....            | 81048           | 1394704          | 23537          | 325963          | 10830              | 2442032          |
| Khuzestan .....                | 300633          | 4276972          | 217712         | 2640182         | 55917              | 8403129          |
| Zanjan .....                   | 46515           | 1021202          | 3501           | 62508           | 23600              | 5416560          |
| Semnan .....                   | 193834          | 3705570          | 41559          | 520475          | 11065              | 2622908          |
| Sistan & Baluchestan .....     | 5798            | 85339            | 1827           | 26249           | 7990               | 1772865          |
| Fars .....                     | 278941          | 5421753          | 447557         | 6983061         | 59984              | 15289708         |
| Qazvin .....                   | 198627          | 3308512          | 10781          | 152727          | 71092              | 19557438         |
| Qom .....                      | 629307          | 14777392         | 97384          | 2300625         | 18418              | 5002100          |
| Kordestan .....                | 71092           | 1498257          | 17445          | 277767          | 41932              | 7688643          |
| Kerman .....                   | 173904          | 3256630          | 162235         | 2582646         | 43560              | 8876617          |
| Kermanshah .....               | 155541          | 2761840          | 17265          | 260710          | 42251              | 7925805          |
| Kohgiluyeh & Boyer-Ahmad ..... | 82985           | 1239484          | 48989          | 600622          | 4823               | 1152490          |
| Golestan .....                 | 247931          | 4469300          | 46579          | 705758          | 16537              | 3227170          |
| Gilan .....                    | 200047          | 4032050          | 84618          | 1452084         | 117687             | 21553439         |
| Lorestan .....                 | 259459          | 5114471          | 52651          | 793424          | 56313              | 10649534         |
| Mazandaran .....               | 524527          | 8904732          | 98385          | 1413567         | 80409              | 13652277         |
| Markazi .....                  | 183489          | 3939179          | 71226          | 1109891         | 37445              | 8087725          |
| Hormozgan .....                | 13694           | 178580           | 17920          | 230731          | 11667              | 1795682          |
| Hamedan .....                  | 222938          | 4461575          | 30194          | 604960          | 32499              | 6507995          |
| Yazd .....                     | 229868          | 5596664          | 139201         | 2473206         | 13953              | 4160347          |

### 5.28. NUMBER AND WEIGHT OF EDIBLE CARCASSES OF LIVESTOCK SLAUGHTERED AT AUTHORIZED SLAUGHTERHOUSES BY OSTAN (carcasses- kg)

| Ostan                        | Buffaloes and calves |                | Camels and calves |                |
|------------------------------|----------------------|----------------|-------------------|----------------|
|                              | Number               | Weight         | Number            | Weight         |
| 1385 <sup>(1)</sup> .....    | 45714                | 7308138        | 27004             | 5471289        |
| 1390 .....                   | 25843                | 4310373        | 26654             | 5554681        |
| 1395 .....                   | 24307                | 4540075        | 23970             | 5114436        |
| 1396 .....                   | 21975                | 4157263        | 32752             | 6990603        |
| 1397 .....                   | 19925                | 3854750        | 24793             | 5069662        |
| 1398 .....                   | 13758                | 2698069        | 26727             | 5406132        |
| 1399 .....                   | 23859                | 4705048        | 20653             | 4032838        |
| <b>1400 .....</b>            | <b>33599</b>         | <b>6641314</b> | <b>25960</b>      | <b>5059548</b> |
| East Azarbayejan .....       | 9766                 | 2044444        | 47                | 10496          |
| West Azarbayejan.....        | 3580                 | 626223         | 2                 | 400            |
| Ardebil .....                | 2203                 | 390150         | 0                 | 0              |
| Esfahan .....                | 41                   | 10409          | 3402              | 742837         |
| Alborz .....                 | 0                    | 0              | 0                 | 0              |
| Ilam.....                    | 159                  | 34200          | 0                 | 0              |
| Bushehr.....                 | 15                   | 3009           | 57                | 7236           |
| Tehran.....                  | 14                   | 2380           | 5                 | 840            |
| Chaharmahal & Bakhtiyari     | 4                    | 350            | 180               | 36000          |
| South Khorasan.....          | 0                    | 0              | 1011              | 179245         |
| Khorasan-e-Razavi .....      | 0                    | 0              | 1592              | 256187         |
| North Khorasan.....          | 2                    | 200            | 67                | 15397          |
| Khuzestan .....              | 15388                | 3063241        | 118               | 17804          |
| Zanjan .....                 | 0                    | 0              | 0                 | 0              |
| Semnan .....                 | 2                    | 420            | 775               | 146109         |
| Sistan & Baluchestan.....    | 0                    | 0              | 7760              | 1594602        |
| Fars .....                   | 544                  | 118565         | 1995              | 340637         |
| Qazvin.....                  | 0                    | 0              | 1                 | 350            |
| Qom .....                    | 0                    | 0              | 398               | 82880          |
| Kordestan.....               | 2                    | 200            | 0                 | 0              |
| Kerman .....                 | 0                    | 0              | 4088              | 646187         |
| Kermanshah .....             | 0                    | 0              | 2                 | 356            |
| Kohgiluyeh & Boyerahmad..... | 2                    | 400            | 1                 | 250            |
| Golestan.....                | 0                    | 0              | 284               | 42535          |
| Gilan .....                  | 1831                 | 332963         | 0                 | 0              |
| Lorestan .....               | 1                    | 280            | 0                 | 0              |
| Mazandaran .....             | 7                    | 1540           | 0                 | 0              |
| Markazi.....                 | 0                    | 0              | 3                 | 600            |
| Hormozgan .....              | 0                    | 0              | 1303              | 185182         |
| Hamedan.....                 | 0                    | 0              | 0                 | 0              |
| Yazd.....                    | 38                   | 12340          | 2869              | 753418         |

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

Source: Statistical Centre of Iran.

### 5.29. UTILIZATION OF MODERN IRRIGATION AND DRAINAGE NETWORKS BY REGIONAL WATER ORGANIZATIONS (ha- mln cum)

| Crop year, regional water organizations and irrigation and drainage networks | Area under cultivation | Volume of water inflow into the network |
|------------------------------------------------------------------------------|------------------------|-----------------------------------------|
| 1385-1386.....                                                               | 1033513                | 13174                                   |
| 1390-1391.....                                                               | 702119                 | 11864                                   |
| 1395-1396.....                                                               | 927097                 | 13735                                   |
| 1396-1397.....                                                               | 972154                 | 10121                                   |
| 1397-1398.....                                                               | 1464611                | 13847                                   |
| 1398-1399.....                                                               | 1464611                | 13221                                   |
| <b>1400-1401.....</b>                                                        | <b>878950</b>          | <b>5308.3</b>                           |
| <b>East Azarbayejan .....</b>                                                | <b>11585</b>           | <b>59.3</b>                             |
| Sufichay .....                                                               | 5335                   | 37.5                                    |
| Sattarkhan .....                                                             | 4500                   | 20.0                                    |
| Bonab-e- Marand .....                                                        | 700                    | 0.3                                     |
| Zonooz-e chukhorzamee .....                                                  | 1050                   | 1.5                                     |
| <b>West Azarbayejan .....</b>                                                | <b>95310</b>           | <b>438.3</b>                            |
| Dasht-e-Shiblu .....                                                         | 1970                   | 30.6                                    |
| Dasht-e-Zanganeh .....                                                       | 700                    | 6.3                                     |
| Zarrinehrud (Miyandoab).....                                                 | 52287                  | 171.4                                   |
| Mahabad .....                                                                | 12070                  | 100.0                                   |
| Qanbar Kandi .....                                                           | 1244                   | 20.9                                    |
| Hasanlu .....                                                                | 5300                   | 15.4                                    |
| Poldasht.....                                                                | 9892                   | 18.4                                    |
| Sahr-e-Chay .....                                                            | 5550                   | 50.0                                    |
| Zola .....                                                                   | 6297                   | 25.4                                    |
| <b>Ardebil .....</b>                                                         | <b>944557</b>          | <b>1005.4</b>                           |
| Quri chay.....                                                               | 19977                  | 5.6                                     |
| Moghan .....                                                                 | 86971                  | 973.0                                   |
| Ardebil .....                                                                | 3121                   | 4.6                                     |
| Saghezchee.....                                                              | 466                    | 2.4                                     |
| Seylan.....                                                                  | 1900                   | 20.3                                    |
| <b>Esfahan.....</b>                                                          | <b>37500</b>           | <b>62.7</b>                             |
| Abshar .....                                                                 | 12000                  | 17.3                                    |
| Borkhar(Esfahan).....                                                        | 2500                   | 1.1                                     |
| Rudashtin .....                                                              | 10000                  | 16.0                                    |
| Karvan (Khamiran) .....                                                      | 4500                   | 12.3                                    |
| Mahyar .....                                                                 | 500                    | 0.0                                     |
| Nekuabad .....                                                               | 8000                   | 15.3                                    |
| Golpayegan .....                                                             | 0                      | 0.0                                     |
| Hanna. ....                                                                  | 0                      | 0.0                                     |
| <b>Alborz.....</b>                                                           | <b>3575</b>            | <b>29.8</b>                             |
| Kordan.....                                                                  | 3575                   | 29.8                                    |
| <b>Ilam.....</b>                                                             | <b>37696</b>           | <b>326.1</b>                            |
| Konjancham(Mehran) .....                                                     | 1120                   | 9.7                                     |
| Holilan .....                                                                | 800                    | 4.0                                     |
| Doviraj 1 & 2 .....                                                          | 7370                   | 93.6                                    |
| Amirabad.....                                                                | 80                     | 1.1                                     |
| Dasht-e-Abbas.....                                                           | 26781                  | 208.8                                   |
| Meymeh .....                                                                 | 900                    | 3.9                                     |
| Mulab .....                                                                  | 110                    | 0.6                                     |
| Pahle va Parchineh.....                                                      | 50                     | 0.7                                     |

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

| Regional water organizations and irrigation and drainage network | Area under cultivation | Volume of water inflow into the network<br>(ha- mln cu m) |
|------------------------------------------------------------------|------------------------|-----------------------------------------------------------|
| Saleh Abad.....                                                  | 485                    | 3.4                                                       |
| <b>Bushehr</b> .....                                             | <b>20079</b>           | <b>271.2</b>                                              |
| Ahram .....                                                      | 1125                   | 3.8                                                       |
| Dalaki.....                                                      | 8000                   | 97.2                                                      |
| Abikhsh (former Shabankareh).....                                | 7500                   | 130.1                                                     |
| Kelel.....                                                       | 1120                   | 22                                                        |
| Shabankareh.....                                                 | 2334                   | 18                                                        |
| <b>Tehran</b> .....                                              | <b>90900</b>           | <b>290.6</b>                                              |
| Varamin .....                                                    | 59300                  | 175                                                       |
| Karaj .....                                                      | 23000                  | 65.4                                                      |
| Robat Karim .....                                                | 8600                   | 50                                                        |
| <b>Chaharmahal &amp; Bakhtiari</b> .....                         | <b>7000</b>            | <b>31.7</b>                                               |
| Ardal .....                                                      | 700                    | 5.3                                                       |
| Jonaqan .....                                                    | 2100                   | 5.2                                                       |
| Gandoman & Boldaji.....                                          | 3500                   | 18.8                                                      |
| Dasht-e Bar Aftab-e- Kalbali Koshteh.....                        | 700                    | 2.4                                                       |
| <b>South Khorasan</b> .....                                      | <b>7000</b>            | <b>31.7</b>                                               |
| Shahid Parsa-ey- Ferdus .....                                    | 700                    | 1.1                                                       |
| Farokhee .....                                                   | 190                    | 1.3                                                       |
| Nahreyen.....                                                    | 525                    | 2.8                                                       |
| Keriet .....                                                     | 700                    | 0.5                                                       |
| <b>Khorasan-e-Razavi</b> .....                                   | <b>24077</b>           | <b>28.8</b>                                               |
| Shahid Yaqubi .....                                              | 1100                   | 2.9                                                       |
| Shahid Dehqan Taybad .....                                       | 537                    | 1                                                         |
| Tabarakabad.....                                                 | 978                    | 4.7                                                       |
| Sangard .....                                                    | 104                    | 1.9                                                       |
| Kamayestan .....                                                 | 800                    | 0.4                                                       |
| Fariman.....                                                     | 750                    | 3.8                                                       |
| Doostee .....                                                    | 17212                  | 000                                                       |
| Zavin.....                                                       | 385                    | 0.7                                                       |
| Sedeh .....                                                      | 650                    | 4.7                                                       |
| Kardeh .....                                                     | 801                    | 3.5                                                       |
| Torogh .....                                                     | 760                    | 0.1                                                       |
| Ardak .....                                                      | 000                    | 4.9                                                       |
| <b>North Khorasan</b> .....                                      | <b>8533</b>            | <b>49.5</b>                                               |
| Shirvan.....                                                     | 2050                   | 12.5                                                      |
| Chery .....                                                      | 155                    | 0.7                                                       |
| Esfarayn.....                                                    | 1060                   | 5.3                                                       |
| Shirin Dareh.....                                                | 4420                   | 26.9                                                      |
| Golaman.....                                                     | 525                    | 2.4                                                       |
| Golol .....                                                      | 31                     | 0.1                                                       |
| Qazeldash(Chandir) .....                                         | 292                    | 1.4                                                       |
| <b>Khuzestan</b> .....                                           | <b>000</b>             | <b>000</b>                                                |
| Avan .....                                                       | 000                    | 000                                                       |
| Dez .....                                                        | 000                    | 000                                                       |
| Shavur .....                                                     | 000                    | 000                                                       |
| Fajr & Jayzan.....                                               | 5466                   | 125.1                                                     |
| Gotvand .....                                                    | 000                    | 000                                                       |

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

| Regional water organizations and irrigation and drainage network | Area under cultivation | Volume of water inflow into the network |
|------------------------------------------------------------------|------------------------|-----------------------------------------|
| Marun (Behbahan).....                                            | 14395                  | 258.6                                   |
| Veys.....                                                        | 000                    | 000                                     |
| Beneh Basht.....                                                 | 3699                   | 34.8                                    |
| ShahidRajaei .....                                               | 3343                   | 43.0                                    |
| Shadegan.....                                                    | 3141                   | 43.7                                    |
| Ramshir.....                                                     | 14289                  | 133.8                                   |
| Dareyon .....                                                    | 000                    | 0.0                                     |
| Damghani .....                                                   | 441                    | 4.1                                     |
| Kowsar.....                                                      | 000                    | 000                                     |
| Karkheh-e- Jonoubee .....                                        | 000                    | 000                                     |
| Karkheh-e- Shomalee .....                                        | 000                    | 000                                     |
| Khoramshahr .....                                                | 000                    | 000                                     |
| Hendijohn .....                                                  | 12215                  | 71.8                                    |
| <b>Semnan .....</b>                                              | <b>28218</b>           | <b>148.3</b>                            |
| Garmsar .....                                                    | 27048                  | 138.5                                   |
| Damghani .....                                                   | 1170                   | 9.8                                     |
| <b>Sistan &amp; Baluchestan .....</b>                            | <b>9600</b>            | <b>39.0</b>                             |
| Bampur .....                                                     | 0                      | 000                                     |
| Chahnimeh.....                                                   | 0                      | 000                                     |
| Miyankangi.....                                                  | 5500                   | 15.9                                    |
| Bahukalat.....                                                   | 4100                   | 23.1                                    |
| <b>Fars .....</b>                                                | <b>14708</b>           | <b>95.6</b>                             |
| Dorudzan(Ramjerd) .....                                          | 14578                  | 92.9                                    |
| Iezadkhast .....                                                 | 130                    | 2.6                                     |
| <b>Qazvin.....</b>                                               | <b>60000</b>           | <b>132.0</b>                            |
| Qazvin.....                                                      | 60000                  | 132.0                                   |
| <b>Kordestan .....</b>                                           | <b>7600</b>            | <b>23.0</b>                             |
| Zarivar (Marivan) .....                                          | 1600                   | 0                                       |
| Qeshlaq .....                                                    | 1500                   | 3.0                                     |
| Kamyara .....                                                    | 3500                   | 14.0                                    |
| Legzy .....                                                      | 1000                   | 6.0                                     |
| <b>Kerman.....</b>                                               | <b>2.2671</b>          | <b>54.6</b>                             |
| Jiroft.....                                                      | 2.883                  | 24.0                                    |
| Narmashir .....                                                  | 1788                   | 30.5                                    |
| <b>Kermanshah .....</b>                                          | <b>15680</b>           | <b>111.0</b>                            |
| Zagros .....                                                     | 6400                   | 46.0                                    |
| Sheyan .....                                                     | 400                    | 2.8                                     |
| Jamishan .....                                                   | 450                    | 3.4                                     |
| Soleymanshah.....                                                | 2640                   | 18.6                                    |
| Dayek Gilangharb.....                                            | 1250                   | 9.6                                     |
| Berimvand.(Dasht-e Zahob) .....                                  | 320                    | 3.1                                     |
| Jegarlu.(Qasr-e Shirin) .....                                    | 270                    | 2.5                                     |
| Ravansar .....                                                   | 550                    | 4.2                                     |
| Sefidbarg.....                                                   | 50                     | 0.5                                     |

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

| Regional water organizations and irrigation and drainage network | Area under cultivation | Volume of water inflow into the network<br>(ha- mln cu m) |
|------------------------------------------------------------------|------------------------|-----------------------------------------------------------|
| Sumar.....                                                       | 0                      | 0.0                                                       |
| Eainlqas .....                                                   | 550                    | 3.6                                                       |
| Nazliyan.....                                                    | 400                    | 2.7                                                       |
| Mian darband.....                                                | 0                      | 0.0                                                       |
| Bilevar .....                                                    | 2400                   | 14.0                                                      |
| <b>Kohgiluyeh &amp; Boyerahmad .....</b>                         | <b>3220</b>            | <b>63.9</b>                                               |
| Servak & Shahqasem .....                                         | 250                    | 3.4                                                       |
| Dasht-e- rum.....                                                | 770                    | 2.1                                                       |
| Dasht-e-choram .....                                             | 120                    | 1.0                                                       |
| Dasht-e-chitab.....                                              | 290                    | 14.7                                                      |
| Lishter & Kheirabad .....                                        | 1590                   | 36.6                                                      |
| Rudyal.....                                                      | 200                    | 6.0                                                       |
| <b>Golestan .....</b>                                            | <b>30850</b>           | <b>64.2</b>                                               |
| Voshmgir .....                                                   | 12500                  | 25.0                                                      |
| Golestan <sup>(2)</sup> .....                                    | 11500                  | 23.0                                                      |
| Kowsar.....                                                      | 850                    | 4.2                                                       |
| Bustan.....                                                      | 6000                   | 12.0                                                      |
| <b>Gilan .....</b>                                               | 000                    | 000                                                       |
| Sefidrud & Fumanat <sup>(2)</sup> .....                          | 000                    | 000                                                       |
| Fumanat .....                                                    | 000                    | 000                                                       |
| Golerud .....                                                    | 000                    | 000                                                       |
| <b>Lorestan .....</b>                                            | <b>5310</b>            | <b>61.8</b>                                               |
| Chogholvandi.....                                                | 1500                   | 31.9                                                      |
| Aliabad (Dorud).....                                             | 100                    | 3.3                                                       |
| Silakhur.....                                                    | 3500                   | 19.7                                                      |
| Kaznar Aligoudarz.....                                           | 70                     | 0.8                                                       |
| Haleh Koohdasht .....                                            | 50                     | 3.6                                                       |
| Glum Bahri .....                                                 | 90                     | 2.3                                                       |
| <b>Mazandaran .....</b>                                          | <b>64247</b>           | <b>761.0</b>                                              |
| Tajan .....                                                      | 20884                  | 229.0                                                     |
| Alborz .....                                                     | 37342                  | 454.0                                                     |
| Gelevard.....                                                    | 6021                   | 78.0                                                      |
| <b>Markazi .....</b>                                             | <b>23000</b>           | <b>56.0</b>                                               |
| Saveh .....                                                      | 23000                  | 56.0                                                      |
| <b>Hormozgan.....</b>                                            | <b>8348</b>            | <b>84.2</b>                                               |
| Minab.....                                                       | 6893                   | 63.2                                                      |
| Jegien.....                                                      | 1455                   | 21.0                                                      |
| <b>Hamedan.....</b>                                              | <b>1535</b>            | <b>17.0</b>                                               |
| Shaban Borzul.....                                               | 1535                   | 17.0                                                      |

Source: Iran Water Resources Management Company

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

| Crop                        | 1385 | 1390 | 1395  | 1396  |
|-----------------------------|------|------|-------|-------|
| Wheat.....                  | 2050 | 3600 | 12705 | 13000 |
| Barley .....                | 1520 | 2900 | 10028 | 10300 |
| Grain corn .....            | 1620 | 3000 | 10368 | 10650 |
| Peas .....                  | 3600 | 6800 | 24640 | 26858 |
| Navy beans .....            | 3500 | ×    | 23940 | 26096 |
| Kidney beans .....          | 3000 | 6000 | 24150 | 24948 |
| Pinto beans .....           | 3500 | 6200 | 23940 | 26103 |
| Lentils .....               | 3800 | 6800 | 26450 | 28831 |
| Sugar beets .....           | 460  | 900  | 2916  | 3091  |
| Cotton ( cotton seed) ..... | 4500 | 9000 | 29325 | 21964 |
| Soybeans .....              | 3200 | 5200 | 22655 | 24694 |
| Sunflower seeds.....        | 3400 | 6000 | 24510 | 26644 |
| Potatoes.....               | 883  | 1450 | 3888  | 4121  |
| Onions.....                 | 627  | 900  | 2592  | 2748  |

| Crop                       | 1397  | 1398  | 1399  | 1400                 |
|----------------------------|-------|-------|-------|----------------------|
| Wheat.....                 | 13000 | 14700 | 22000 | 75000 <sup>(1)</sup> |
| Barley .....               | 10300 | 11639 | 16300 | 34000                |
| Grain corn .....           | 10860 | 12272 | 17000 | 35250                |
| Peas .....                 | 27932 | 33240 | 46536 | 89838                |
| Navy beans .....           | 27140 | 32025 | 43234 | 83463                |
| Kidney beans .....         | 25946 | 30616 | 41332 | 79791                |
| Pinto beans .....          | 37147 | 32033 | 43245 | 83485                |
| Lentils .....              | 29984 | 35981 | 50373 | 97246                |
| Sugar beets .....          | 3122  | 3403  | 5020  | 14732 <sup>(2)</sup> |
| Cotton (cotton seed) ..... | 21964 | 36119 | 48761 | 154638               |
| Soybeans .....             | 24694 | 27904 | 38523 | 153566               |
| Sunflower seeds.....       | 26644 | 30108 | 41565 | 122319               |
| Potatoes .....             | 4121  | 4668  | 6068  | 11715 <sup>(3)</sup> |
| Onions .....               | 3748  | 5534  | 4037  | 7794 <sup>(4)</sup>  |

1. Referring to the price for regular wheat. Price for the second round wheat is 78000 Rials.

2. Referring to the price of spring sugar beet. Price for fall sugar beet is 14221 Rials

3. Referring to the price of spring potatoes, the prices of fall potato and potato for a continuity plan are 12015 and 13888 Rials.

4. Referring to the price of spring onions. Prices for fall onions and onions of continuity plans are 8012 and 8523 Rials, respectively.

Source: Government.

### 5.31. AVERAGE FARM-GATE SALE PRICE PER KILOGRAM OF SELECTED TEMPORARY CROPS IN RURAL AREAS (rial)

| Year and Ostan                   | Wheat        | Barley       | Rice<br>(paddy) | Peas          | Pinto<br>beans | Lentils       | Sugar<br>beet | Cotton        | Manufactured<br>tobacco |
|----------------------------------|--------------|--------------|-----------------|---------------|----------------|---------------|---------------|---------------|-------------------------|
| 1385.....                        | 2068         | 1603         | 3765            | 6847          | 6477           | 5326          | 497           | 4835          | 14360                   |
| 1390.....                        | 3412         | 3542         | 9509            | 11488         | 16390          | 13550         | 933           | 11377         | 31898                   |
| 1395.....                        | 12423        | 8540         | 35828           | 41126         | 56646          | 45798         | 2955          | 30081         | 71501                   |
| 1396.....                        | 12897        | 9817         | 39733           | 52574         | 78577          | 49787         | 3413          | 29974         | 80712                   |
| 1397.....                        | 13050        | 11787        | 48477           | 53650         | 90389          | 49314         | 3241          | 56846         | 1117141                 |
| 1398.....                        | 17224        | 18770        | 63893           | 59347         | 104429         | 57603         | 4164          | 65453         | 190337                  |
| 1399.....                        | 24830        | 20872        | 98332           | 96328         | 226462         | 140444        | 7148          | 111773        | 233780                  |
| <b>1400.....</b>                 | <b>50590</b> | <b>56492</b> | <b>167758</b>   | <b>173611</b> | <b>337731</b>  | <b>248078</b> | <b>12577</b>  | <b>204709</b> | <b>299223</b>           |
| East Azarbayejan.....            | 50007        | 52291        | ×               | 205559        | 339127         | 213740        | ×             | ×             | ×                       |
| West Azarbayejan .....           | 50849        | 53425        | ×               | 201067        | 368879         | ×             | 13062         | ×             | ×                       |
| Ardebil .....                    | 49998        | 53750        | ×               | 260137        | 382707         | 225443        | ×             | 200000        | ×                       |
| Esfahan.....                     | 56316        | 55387        | 229245          | 226597        | 324476         | ×             | ×             | ×             | ×                       |
| Alborz .....                     | 50000        | 55320        | ×               | 140658        | ×              | 273741        | ×             | ×             | ×                       |
| Ilam .....                       | 50000        | 68052        | ×               | 198325        | 265033         | 271052        | 11061         | ×             | ×                       |
| Bushehr .....                    | 50000        | 53043        | ×               | ×             | ×              | ×             | ×             | ×             | ×                       |
| Tehran .....                     | 50819        | 54342        | ×               | 200000        | 315132         | ×             | ×             | ×             | ×                       |
| Chaharmahal &<br>Bakhtiari.....  | 51308        | 57644        | ×               | ×             | 325417         | 288715        | 13172         | ×             | ×                       |
| South Khorasan.....              | 50514        | 67308        | ×               | ×             | ×              | ×             | ×             | ×             | ×                       |
| Khorasan-e-Razavi.....           | 53850        | 61748        | ×               | 217765        | ×              | 237475        | 18424         | ×             | ×                       |
| North Khorasan .....             | 50197        | 61009        | ×               | 237457        | ×              | 240845        | 17396         | 277618        | ×                       |
| Khuzestan.....                   | 50220        | 66822        | 145128          | ×             | ×              | ×             | 10069         | ×             | ×                       |
| Zanjan .....                     | 50755        | 58585        | 168052          | 225324        | 358667         | ×             | ×             | ×             | ×                       |
| Semnan.....                      | 50037        | 57900        | ×               | 281250        | 364286         | 232166        | 14494         | ×             | ×                       |
| Sistan & Baluchestan ..          | 70363        | 39684        | ×               | ×             | ×              | ×             | ×             | ×             | ×                       |
| Fars.....                        | 50440        | 56296        | 194153          | 295488        | 328102         | 284234        | 13549         | ×             | ×                       |
| Qazvin .....                     | 50261        | 55643        | ×               | 239172        | 412775         | 262751        | 12981         | ×             | ×                       |
| Qom.....                         | 50349        | 54283        | ×               | ×             | ×              | ×             | ×             | ×             | ×                       |
| Kordestan .....                  | 50156        | 57049        | ×               | 246334        | 379167         | ×             | ×             | ×             | 250000                  |
| Kerman.....                      | 46791        | 41870        | ×               | ×             | ×              | ×             | ×             | ×             | 000                     |
| Kermanshah .....                 | 50111        | 60634        | ×               | 190097        | ×              | ×             | 12494         | ×             | 000                     |
| Kohgiluyeh &<br>Boyerahmad ..... | 50148        | 56704        | 209246          | ×             | 337770         | 263942        | 13000         | ×             | 000                     |
| Golestan .....                   | 50247        | 56049        | 168865          | 71004         | 399918         | 245566        | 12959         | 207481        | 302051                  |
| Gilan.....                       | ×            | ×            | 188799          | ×             | 158295         | ×             | ×             | ×             | 000                     |
| Lorestan.....                    | 51812        | 59788        | ×               | 200817        | 320000         | ×             | 12854         | ×             | 000                     |
| Mazandaran.....                  | 50034        | 44181        | 158430          | 72447         | ×              | ×             | ×             | ×             | 350318                  |
| Markazi .....                    | 50000        | 58692        | ×               | 247729        | 331507         | ×             | 10000         | ×             | 000                     |
| Hormozgan.....                   | 56709        | 24117        | ×               | ×             | ×              | ×             | ×             | ×             | 000                     |
| Hamedan .....                    | 50039        | 55197        | ×               | 209105        | ×              | 262565        | 13973         | ×             | 000                     |
| Yazd .....                       | 50645        | 62225        | ×               | ×             | ×              | ×             | ×             | ×             | 000                     |

### 5.31. AVERAGE FARM-GATE SALE PRICE PER KILOGRAM OF SELECTED ANNUAL CROPS IN RURAL AREAS (continued) (rial)

| Year and Ostan                | Tobacco leaves | Sunflower oil seeds | Melons       | Water-melons | Cucumbers    | Potatoes     | Onions       | Tomatoes     | Alfalfa, dry |
|-------------------------------|----------------|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1385 .....                    | 12230          | 3794                | 1598         | 1033         | 2161         | 1671         | 1308         | 1059         | 1328         |
| 1390 .....                    | 35802          | 8467                | 3002         | 1520         | 5488         | 2158         | 1837         | 2682         | 3103         |
| 1395 .....                    | 111940         | 33527               | 6962         | 4567         | 10057        | 4217         | 4826         | 3846         | 6929         |
| 1396 .....                    | 100057         | 36628               | 6597         | 3113         | 10514        | 6767         | 9856         | 5938         | 8116         |
| 1397 .....                    | 136795         | 32969               | 14452        | 8859         | 20692        | 12447        | 11350        | 16680        | 11593        |
| 1398 .....                    | 149329         | 93470               | 15832        | 7110         | 20219        | 23689        | 23195        | 15339        | 19160        |
| 1399 .....                    | 177609         | 185607              | 24392        | 16029        | 49771        | 19475        | 26488        | 18728        | 22946        |
| <b>1400 .....</b>             | <b>475698</b>  | <b>000</b>          | <b>46905</b> | <b>24401</b> | <b>54101</b> | <b>37215</b> | <b>28378</b> | <b>42938</b> | <b>44997</b> |
| East Azarbayejan...           | ×              | 000                 | ×            | 000          | 81959        | 34273        | 34655        | 50488        | 48035        |
| West Azarbayejan..            | ×              | 000                 | ×            | 000          | 112885       | 33366        | 33068        | 40986        | 35170        |
| Ardebil .....                 | ×              | 000                 | 29121        | 24301        | 52477        | 30867        | 62050        | 28266        | 36890        |
| Esfahan .....                 | 498568         | 000                 | 41667        | 32791        | 62861        | 56096        | 34599        | 72456        | 51376        |
| Alborz .....                  | ×              | 000                 | ×            | 000          | 83545        | 000          | 000          | 65773        | ×            |
| Ilam .....                    | ×              | 000                 | 35000        | 18899        | 35521        | 000          | 20000        | 34338        | 37468        |
| Bushehr .....                 | 584797         | 000                 | 34037        | 18747        | 52913        | 000          | 20381        | 53313        | 57070        |
| Tehran .....                  | ×              | 000                 | ×            | 000          | 69362        | 54186        | 50000        | 42106        | 50323        |
| Chaharmahal & Bakhtiari ..... | ×              | 000                 | ×            | 000          | 100000       | 36188        | 000          | 000          | 49189        |
| South Khorasan.....           | ×              | 000                 | 65360        | 000          | 77422        | 000          | 50413        | 64922        | ×            |
| Khorasan-e-Razavi             | 320826         | 000                 | 61103        | 30635        | 69173        | 54487        | 37593        | 38099        | 56858        |
| North Khorasan.....           | ×              | 000                 | 45000        | 13913        | 58565        | 40348        | 41474        | 40246        | 51715        |
| Khuzestan .....               | ×              | 000                 | 35776        | 22678        | 30901        | 22921        | 14041        | 42025        | 37545        |
| Zanjan .....                  | ×              | 000                 | 58639        | 29377        | 93548        | 41030        | 42853        | 29802        | 48252        |
| Semnan .....                  | ×              | 000                 | 54936        | 26082        | 59972        | 44938        | 36682        | 39251        | 45200        |
| Sistan & Baluchestan.....     | 268533         | 000                 | 44835        | 34435        | 000          | 30062        | 39213        | 44447        | 30361        |
| Fars .....                    | ×              | 000                 | 52932        | 24807        | 53407        | 40032        | 28826        | 34137        | 49263        |
| Qazvin .....                  | ×              | 000                 | 47526        | 36295        | 55942        | 50065        | 47153        | 41736        | 42814        |
| Qom .....                     | ×              | 000                 | 32000        | 20429        | 000          | 000          | 41359        | 000          | 48498        |
| Kordestan .....               | ×              | 000                 | ×            | 22774        | 86581        | 53274        | 57286        | 37510        | 52253        |
| Kerman .....                  | ×              | 000                 | 60156        | 15277        | 43770        | 40884        | 23924        | 18228        | 37501        |
| Kermanshah .....              | ×              | 000                 | ×            | 000          | 82122        | 37752        | 30223        | 34456        | 43532        |
| Kohgiluyeh & Boyerahmad ..... | ×              | 000                 | ×            | 23272        | 70200        | 000          | 50058        | 32917        | 52645        |
| Golestan .....                | ×              | 000                 | 48343        | 24047        | 46574        | 20203        | 46914        | 38503        | ×            |
| Gilan .....                   | ×              | 000                 | 68722        | 33369        | 77694        | 000          | 114147       | 70016        | ×            |
| Lorestan .....                | ×              | 000                 | ×            | 25000        | 70278        | 49210        | 25000        | 42442        | 46444        |
| Mazandaran .....              | ×              | 000                 | 34571        | 27128        | 83993        | 000          | 56723        | 46132        | ×            |
| Markazi .....                 | ×              | 000                 | 53064        | 29262        | 97507        | 47565        | 50000        | 57066        | 42543        |
| Hormozgan .....               | ×              | 000                 | 33572        | 21936        | 58051        | 45325        | 25993        | 50723        | ×            |
| Hamedan .....                 | ×              | 000                 | ×            | 20797        | 82925        | 33986        | 000          | 36404        | 40583        |
| Yazd .....                    | ×              | 000                 | 70625        | 32816        | 59726        | 000          | 54089        | 50019        | 59017        |

Source: Statistical Centre of Iran.

### 5.32. AVERAGE FARM-GATE SALE PRICE PER KILOGRAM OF SELECTED PERMANENT CROPS IN RURAL AREAS (rial)

| Year and Ostan                | Apples       | Apricots      | Pears         | Grapes       | Oranges      | Dates         | Pomegranates | Pistachios     | Almonds        | Walnuts       |
|-------------------------------|--------------|---------------|---------------|--------------|--------------|---------------|--------------|----------------|----------------|---------------|
| 1385.....                     | 2790         | 2709          | 3204          | 2046         | 2786         | 3131          | 3240         | 30461          | 12763          | 21283         |
| 1390.....                     | 7428         | 11525         | 14901         | 5835         | 5791         | 5443          | 7902         | 30059          | 47323          | 53093         |
| 1395.....                     | 15268        | 30412         | 48057         | 10117        | 7580         | 24272         | 16382        | 245559         | 147080         | 207124        |
| 1396.....                     | 14039        | 28737         | 36861         | 13947        | 8965         | 27032         | 20072        | 247354         | 144828         | 199412        |
| 1397.....                     | 31366        | 44202         | 56341         | 28437        | 14440        | 36726         | 28525        | 796311         | 308102         | 322247        |
| 1398.....                     | 27364        | 66002         | 60986         | 33539        | 16116        | 93173         | 33044        | 911728         | 759791         | 467595        |
| 1399.....                     | 48703        | 91202         | 113597        | 46388        | 57093        | 104521        | 54690        | 1308230        | 778613         | 806758        |
| <b>1400.....</b>              | <b>72551</b> | <b>223372</b> | <b>179813</b> | <b>82651</b> | <b>66864</b> | <b>169582</b> | <b>99039</b> | <b>1891714</b> | <b>1246929</b> | <b>962335</b> |
| East Azarbayejan              | 82706        | 143068        | 146398        | 97619        | ×            | ×             | ×            | 1435135        | 734453         | 906037        |
| West Azarbayejan              | 57243        | 216951        | 124885        | 99494        | ×            | ×             | ×            | ×              | 522580         | 804664        |
| Ardebil .....                 | 77058        | 150000        | 119757        | 110190       | ×            | ×             | ×            | ×              | ×              | 914886        |
| Esfahan.....                  | 72486        | 240751        | ×             | 148930       | ×            | ×             | 97076        | 2242895        | 1350898        | 1160403       |
| Alborz .....                  | 99355        | 139166        | 196271        | 108085       | ×            | ×             | ×            | ×              | ×              | 1095111       |
| Ilam .....                    | 74576        | 159457        | 162000        | 94837        | 80000        | 150000        | 89090        | ×              | 400000         | 702672        |
| Bushehr .....                 | ×            | ×             | ×             | ×            | ×            | 104377        | ×            | ×              | ×              | ×             |
| Tehran .....                  | 82071        | 167415        | 164934        | 80000        | ×            | ×             | 188758       | ×              | ×              | 1071215       |
| Chaharmahal & Bakhtiyari..... | 48703        | 238646        | ×             | 47596        | ×            | ×             | 145050       | ×              | 1649778        | 1481048       |
| South Khorasan..              | ×            | 216818        | ×             | 98796        | ×            | 230172        | 131679       | ×              | ×              | 1489880       |
| Khorasan-e-Razavi...          | 45234        | 138671        | 102229        | 68089        | ×            | ×             | 84801        | 1943912        | ×              | 972235        |
| North Khorasan..              | 65031        | 293792        | 140900        | 67539        | ×            | ×             | ×            | ×              | 691052         | 740126        |
| Khuzestan.....                | ×            | ×             | ×             | 108959       | 96729        | 90078         | 74828        | ×              | ×              | ×             |
| Zanjan .....                  | 60093        | 136704        | 142727        | 69120        | ×            | ×             | 106931       | ×              | 555595         | 695064        |
| Semnan.....                   | 70745        | 161681        | 166350        | 68658        | ×            | ×             | 88916        | 1949333        | ×              | 1042910       |
| Sistan & Baluchestan .....    | ×            | ×             | ×             | 183934       | ×            | 176365        | 80000        | ×              | ×              | ×             |
| Fars.....                     | 62456        | 165965        | ×             | 68713        | 113561       | 200015        | 92183        | 1799999        | 579074         | 1000000       |
| Qazvin .....                  | 102680       | 193525        | 235521        | 94360        | ×            | ×             | 110894       | 1940048        | ×              | 1027011       |
| Qom.....                      | ×            | 250372        | 78863         | 132614       | ×            | ×             | 81563        | ×              | 581347         | 1201133       |
| Kordestan .....               | 72719        | 236696        | 92405         | 74030        | ×            | ×             | 101219       | ×              | 552961         | 776510        |
| Kerman.....                   | 108730       | 178039        | 207222        | 147619       | 84994        | 194561        | 141797       | 2143679        | 631254         | 1155503       |
| Kermanshah .....              | 102022       | 176666        | ×             | 112717       | ×            | 119206        | 115483       | ×              | 583072         | 1023814       |
| Kohgiluyeh & Boyerahmad ..... | 79568        | 142457        | ×             | 112162       | 118602       | 150000        | 54960        | ×              | 899999         | 1441896       |
| Golestan .....                | ×            | ×             | 100000        | ×            | 67810        | ×             | 110646       | ×              | ×              | 1010671       |
| Gilan.....                    | 65937        | ×             | 101668        | 56786        | 73300        | ×             | 66666        | ×              | ×              | 523293        |
| Lorestan.....                 | 51764        | 275289        | ×             | 97755        | ×            | ×             | 99505        | ×              | ×              | ×             |
| Mazandaran.....               | ×            | ×             | 98894         | ×            | 64844        | ×             | 84770        | ×              | ×              | ×             |
| Markazi .....                 | 78369        | 155710        | ×             | 89334        | ×            | ×             | 97641        | ×              | 560243         | 1058302       |
| Hormozgan.....                | ×            | ×             | ×             | ×            | 141427       | 279338        | ×            | ×              | ×              | ×             |
| Hamedan .....                 | 87874        | 226315        | ×             | 63824        | ×            | ×             | ×            | ×              | ×              | 764454        |
| Yazd .....                    | 118911       | 282142        | ×             | 84652        | ×            | ×             | 101843       | 1778423        | 612162         | 1035997       |

Source: Statistical Centre of Iran.

**5.33. AVERAGE PRODUCTION COSTS PER HECTARE AND COST PRICES <sup>(1)</sup> PER KILOGRAM OF SELECTED TEMPORARY CROPS (rial)**

| Crop                                     | The crop year 1385-86 |            | The crop year 1390-91 |            | The crop year 1395-96 |            |
|------------------------------------------|-----------------------|------------|-----------------------|------------|-----------------------|------------|
|                                          | Production cost       | Cost price | Production cost       | Cost price | Production cost       | Cost price |
| Irrigated wheat .....                    | 5231670               | 1436       | 8939550               | 2620       | 32364650              | 8030       |
| Rainfed wheat .....                      | 1403370               | 1599       | 2957690               | 3150       | 10279920              | 11780      |
| Irrigated barley .....                   | 4116960               | 1469       | 10813530              | 3280       | 27596680              | 7560       |
| Rainfed barley .....                     | 1350890               | 1712       | 2829060               | 3640       | 9252370               | 10170      |
| Irrigated grain corn.....                | 7341900               | 1008       | 9741880               | 1580       | 43935750              | 5920       |
| Rainfed forage maize .....               | 0                     | 0          | 0                     | 0          | 48938350              | 1000       |
| Irrigated peas.....                      | 4086560               | 3478       | 7117420               | 8690       | 45411720              | 29990      |
| Rainfed peas .....                       | 1960230               | 4741       | 4058770               | 8920       | 16490470              | 33720      |
| Irrigated lentils .....                  | 4459670               | 4962       | 11354620              | 11150      | 32613320              | 29590      |
| Rainfed lentils .....                    | 2073850               | 5364       | 4640050               | 8480       | 15934140              | 33970      |
| Irrigated sunflower .....                | 7356290               | 4349       | 12206030              | 6170       | 42406840              | 29510      |
| Rainfed sunflower .....                  | 2117150               | 2717       | 4320830               | 6100       | 11640460              | 21360      |
| Irrigated cotton.....                    | 8443130               | 3456       | 14290380              | 5530       | 54459670              | 18370      |
| Rainfed cotton .....                     | 2873600               | 2535       | 0                     | 0          | 0                     | 0          |
| Sugar beets .....                        | 11179050              | 323        | 25216610              | 530        | 87158570              | 1640       |
| Irrigated watermelons .....              | 10088710              | 397        | 20948170              | 840        | 90892340              | 3020       |
| Rainfed watermelons.....                 | 2704070               | 561        | 8207490               | 1100       | 43472480              | 4260       |
| Irrigated cucumbers.....                 | 18617830              | 945        | 35536630              | 1750       | 140858800             | 6090       |
| Irrigated potatoes.....                  | 19819240              | 770        | 44459940              | 1540       | 144640590             | 4270       |
| Irrigated onions .....                   | 16719320              | 531        | 23684480              | 750        | 117064920             | 3580       |
| Irrigated tomatoes .....                 | 21195640              | 616        | 44056310              | 1270       | 148562280             | 4000       |
| Irrigated navy beans .....               | 8142080               | 3622       | 13190420              | 8750       | 60828470              | 31030      |
| Irrigated kidney beans.....              | 7966250               | 3044       | 14222730              | 8250       | 67159190              | 29420      |
| Irrigated pinto beans.....               | 9652740               | 4354       | 20124890              | 9000       | 69544480              | 34410      |
| Irrigated spring soybeans .....          | 5508730               | 2250       | 10285150              | 4750       | 38531660              | 16240      |
| Rainfed spring soybeans .....            | 4263530               | 3057       | 5204100               | 2570       | 34496250              | 15660      |
| Irrigated summer soybeans .....          | 5508080               | 2357       | 8105760               | 4710       | 35182100              | 14110      |
| Rainfed summer soybeans.....             | 2693840               | 2538       | 5893770               | 3940       | 0                     | 0          |
| Quality long grain rice .....            | 18511450              | 4938       | 33112010              | 8530       | 95801670              | 23170      |
| High-yielding long grain rice .....      | 12569820              | 2106       | 22938130              | 4440       | 87347210              | 12730      |
| Quality mid-size rice .....              | 16050140              | 4061       | 36382550              | 7960       | 52775370              | 16860      |
| Short grain rice.....                    | 10663970              | 2857       | 14683200              | 5350       | 72548800              | 12070      |
| High-yielding short-size grain rice..... | 0                     | 0          | 0                     | 0          | 0                     | 0          |
| High-yielding mid-size grain rice .....  | 14612310              | 2580       | 40613920              | 7490       | 81581120              | 15050      |
| Paddy.....                               | 14372920              | 3524       | 29115390              | 7730       | 83078010              | 21380      |
| Irrigated alfalfa.....                   | 0                     | 0          | 17062250              | 1720       | 52205570              | 4300       |
| Rainfed alfalfa.....                     | 0                     | 0          | 4145400               | 1280       | 12461130              | 5600       |
| Irrigated clover .....                   | 0                     | 0          | 0                     | 0          | 31252490              | 3010       |
| Irrigated colza .....                    | 5703110               | 2521       | 9015350               | 3900       | 32404150              | 15030      |
| Rainfed colza.....                       | 4265290               | 2202       | 6552460               | 3670       | 15889320              | 13190      |

**5.33. AVERAGE PRODUCTION COSTS PER HECTARE AND COST PRICES <sup>(1)</sup> PER KILOGRAM  
OF SELECTED TEMPORARY CROPS (continued) (rial)**

| Crop                                        | The crop year 1396-97 |            | The Crop year 1397-98 |            | The Crop year<br>1398-99 |
|---------------------------------------------|-----------------------|------------|-----------------------|------------|--------------------------|
|                                             | Production cost       | Cost price | Production cost       | Cost price |                          |
| Irrigated wheat .....                       | 39077120              | 9810       | 4852075               | 12380      | 6598290                  |
| Rainfed wheat .....                         | 13070370              | 10370      | 1619210               | 11820      | 2079000                  |
| Irrigated barley .....                      | 39385100              | 10430      | 4837355               | 11790      | 6584945                  |
| Rainfed barley .....                        | 10966890              | 9910       | 1502975               | 10750      | 2046781                  |
| Irrigated grain corn.....                   | 55629140              | 7610       | 6108430               | 10040      | 8738950                  |
| Rainfed forage maize .....                  | 66919920              | 1330       | 8515546               | 1640       | 12440915                 |
| Irrigated peas.....                         | 49890090              | 40530      | 6135130               | 42330      | 3818879                  |
| Rainfed peas .....                          | 15665450              | 31970      | 2065094               | 42540      | 3091481                  |
| Irrigated lentils .....                     | 50271830              | 36350      | 6208929               | 48290      | 7337775                  |
| Rainfed lentils .....                       | 15599120              | 31900      | 2018151               | 37920      | 3143204                  |
| Irrigated sunflower.....                    | 59750210              | 37180      | 7049798               | 43670      | 8636067                  |
| Rainfed sunflower .....                     | 9868680               | 23000      | 1463651               | 23160      | 1842735                  |
| Irrigated cotton.....                       | 83031640              | 26550      | 9114517               | 28140      | 11117226                 |
| Rainfed cotton .....                        | 0                     | 0          | 0                     | 0          | 0                        |
| Sugar beets .....                           | 115890540             | 2070       | 12889086              | 1960       | 18075870                 |
| Irrigated watermelons .....                 | 106727070             | 2960       | 12375081              | 3220       | 18038192                 |
| Rainfed watermelons.....                    | 66531050              | 3910       | 7588344               | 5010       | 6121354                  |
| Irrigated cucumbers.....                    | 143084270             | 4740       | 18473639              | 7350       | 29247903                 |
| Irrigated potatoes.....                     | 193716360             | 5340       | 32859716              | 8860       | 34189219                 |
| Irrigated onions .....                      | 138746870             | 3700       | 21874340              | 4670       | 21356750                 |
| Irrigated tomatoes .....                    | 170290400             | 3830       | 28435558              | 5920       | 33093879                 |
| Irrigated navy beans .....                  | 96146780              | 42390      | 9497128               | 43930      | 11309343                 |
| Irrigated kidney beans .....                | 95979190              | 43650      | 9680765               | 44890      | 14629587                 |
| Irrigated pinto beans.....                  | 85739930              | 37790      | 9178286               | 48040      | 10439048                 |
| Irrigated spring soybeans .....             | 36551650              | 18540      | 4182293               | 17040      | 0                        |
| Rainfed spring soybeans .....               | 26962470              | 11320      | 3451150               | 16300      | 5803000                  |
| Irrigated summer soybeans .....             | 39053580              | 16560      | 5073000               | 20470      | 4851247                  |
| Rainfed summer soybeans.....                | 24291320              | 16560      | 2927000               | 12560      | 0                        |
| Quality long grain rice .....               | 138022570             | 33820      | 18051122              | 41610      | 27481314                 |
| High-yielding long grain rice ....          | 118095330             | 18270      | 16801959              | 24590      | 23466782                 |
| Quality mid-size rice .....                 | 62849110              | 21410      | 7788255               | 22630      | 9314161                  |
| Short grain rice .....                      | 155140570             | 29290      | 15916383              | 26530      | 22237000                 |
| High-yielding short-size grain<br>rice..... | 0                     | 0          | 0                     | 0          | 12784699                 |
| High-yielding mid-size grain<br>rice.....   | 138506140             | 20370      | 15347317              | 24270      | 18199904                 |
| Paddy .....                                 | 96688370              | 25710      | 10406088              | 28650      | 10629800                 |
| Irrigated alfalfa.....                      | 70585770              | 5580       | 9571571               | 7370       | 11803624                 |
| Rainfed alfalfa.....                        | 11735890              | 6000       | 2005086               | 8920       | 3778599                  |
| Irrigated clover .....                      | 38225390              | 3180       | 5609414               | 4690       | 5384738                  |
| Irrigated colza .....                       | 42975890              | 18440      | 4747642               | 19950      | 6626544                  |
| Rainfed colza.....                          | 25174290              | 16980      | 2902851               | 15540      | 3523785                  |

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

Sources: Ministry of Agriculture-Jahad.

**5.34. DOMESTIC PRODUCTION AND SALE OF SELECTED AGRICULTURAL MACHINER BY MANUFACTURING ESTABLISHMENTS (unit)**

| Year             | Tractor    |            | Combine    |            | Plough     |            |
|------------------|------------|------------|------------|------------|------------|------------|
|                  | Production | Sale       | Production | Sale       | Production | Sale       |
| 1380.....        | 5452       | 4727       | 240        | 225        | 6856       | 6688       |
| 1385.....        | 12208      | 12560      | 523        | 537        | 7031       | 4644       |
| 1390.....        | 23688      | 23985      | 163        | 164        | 4406       | 4081       |
| 1394.....        | 13733      | 14195      | 241        | 328        | 6739       | 7634       |
| 1395.....        | 13636      | 14243      | 233        | 225        | 4275       | 5422       |
| 1396.....        | 21112      | 17819      | 1069       | 979        | 1962       | 2060       |
| 1397.....        | 20346      | 18889      | 610        | 596        | 2049       | 1964       |
| 1398.....        | 000        | 000        | 000        | 000        | 000        | 000        |
| <b>1399.....</b> | <b>000</b> | <b>000</b> | <b>000</b> | <b>000</b> | <b>000</b> | <b>000</b> |

Source: Statistical Center of Iran.

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

| Year and Ostan                   | Red meat   | Milk         | Chicken meat | Egg         | Honey (ton) |
|----------------------------------|------------|--------------|--------------|-------------|-------------|
| 1385 .....                       | 829        | 7752         | 1360         | 677         | 36          |
| 1390 .....                       | 740        | 7685         | 1783         | 700         | 51          |
| 1395 .....                       | 823        | 9653         | 2069         | 940         | 82          |
| 1396 .....                       | 835        | 10184        | 2237         | 888         | 88          |
| 1397 .....                       | 829        | 10589        | 2355         | 902         | 90          |
| 1398 .....                       | 859        | 11002        | 2733         | 1017        | 113         |
| 1399 .....                       | 884        | 11268        | 2641         | 1082        | 115         |
| <b>1400 .....</b>                | <b>897</b> | <b>11009</b> | <b>2912</b>  | <b>1172</b> | <b>107</b>  |
| East Azarbayejan .....           | 51         | 492          | 83           | 98          | 1           |
| West Azarbayejan.....            | 50         | 340          | 103          | 11          | 0           |
| Ardebil .....                    | 29         | 230          | 56           | 9           | 1           |
| Esfahan .....                    | 61         | 1844         | 191          | 157         | 5           |
| Alborz.....                      | 15         | 485          | 10           | 76          | 0           |
| Ilam.....                        | 13         | 43           | 43           | 3           | 3           |
| Bushehr.....                     | 8          | 32           | 40           | 1           | 0           |
| Tehran.....                      | 43         | 1468         | 22           | 92          | 0           |
| Chaharmahal &<br>Bakhtiari ..... | 22         | 301          | 31           | 5           | 0           |
| South Khorasan.....              | 16         | 112          | 60           | 25          | 5           |
| Khorasan-e-Razavi .....          | 74         | 902          | 194          | 138         | 4           |
| North Khorasan.....              | 17         | 83           | 22           | 3           | 4           |
| Khuzestan .....                  | 42         | 273          | 110          | 14          | 6           |
| Zanjan .....                     | 13         | 119          | 55           | 11          | 1           |
| Semnan .....                     | 17         | 173          | 54           | 32          | 0           |
| Sistan & Baluchestan....         | 22         | 56           | 30           | 5           | 22          |
| Fars .....                       | 61         | 666          | 193          | 57          | 1           |
| Qazvin.....                      | 31         | 738          | 62           | 94          | 6           |
| Qom .....                        | 28         | 110          | 259          | 98          | 3           |
| Kordestan.....                   | 19         | 94           | 86           | 5           | 6           |
| Kerman .....                     | 22         | 177          | 55           | 26          | 7           |
| Kermanshah.....                  | 23         | 205          | 62           | 10          | 1           |
| Kohgiluyeh &<br>Boyerahmad.....  | 12         | 61           | 18           | 3           | 2           |
| Golestan.....                    | 30         | 315          | 256          | 71          | 13          |
| Gilan .....                      | 21         | 140          | 222          | 13          | 0           |
| Lorestan .....                   | 30         | 209          | 86           | 8           | 2           |
| Mazandaran .....                 | 44         | 403          | 274          | 11          | 8           |
| Markazi.....                     | 28         | 326          | 65           | 44          | 4           |
| Hormozgan .....                  | 7          | 20           | 43           | 2           | 1           |
| Hamedan.....                     | 32         | 346          | 62           | 17          | 0           |
| Yazd.....                        | 16         | 246          | 65           | 33          | 1           |

Source: Ministry of Agriculture-Jahad.

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

| Description                                    | Number       | Members       | Workers       | Capital<br>(mln rials) |
|------------------------------------------------|--------------|---------------|---------------|------------------------|
| <b><i>Total cooperatives<sup>(1)</sup></i></b> |              |               |               |                        |
| 1385.....                                      | 25730        | 345771        | 190503        | 1392819                |
| 1390.....                                      | 37320        | 459202        | 292382        | 3146011                |
| 1395.....                                      | 48328        | 614127        | 431598        | 12267855               |
| 1396.....                                      | 49472        | 631897        | 444127        | 42969552               |
| 1397.....                                      | 50750        | 648471        | 456447        | 16828563               |
| 1398.....                                      | 51721        | 661030        | 466838        | 17649995               |
| 1399.....                                      | 23415        | 226741        | 240335        | 13426387               |
| <b>1400.....</b>                               | <b>23818</b> | <b>226779</b> | <b>245753</b> | <b>13589248</b>        |
| <b><i>Cooperatives under establishment</i></b> |              |               |               |                        |
| 1385.....                                      | 4613         | 72303         | 37474         | 140032                 |
| 1390.....                                      | 5664         | 62125         | 51341         | 739081                 |
| 1395.....                                      | 7395         | 89114         | 94466         | 1914359                |
| 1396.....                                      | 7192         | 84264         | 92509         | 1849976                |
| 1397.....                                      | 7453         | 84801         | 94692         | 2251895                |
| 1398.....                                      | 8031         | 94521         | 102142        | 2834902                |
| 1399.....                                      | 8503         | -             | 103549        | 2834587                |
| <b>1400.....</b>                               | <b>8900</b>  | <b>-</b>      | <b>108837</b> | <b>2994789</b>         |
| <b><i>Cooperatives in operation</i></b>        |              |               |               |                        |
| 1385.....                                      | 14119        | 190318        | 109659        | 1063415                |
| 1390.....                                      | 16485        | 211851        | 134807        | 1869834                |
| 1395.....                                      | 14795        | 220006        | 133344        | 6475993                |
| 1396.....                                      | 14754        | 221447        | 134242        | 37032322               |
| 1397.....                                      | 14954        | 229099        | 138335        | 10376016               |
| 1398.....                                      | 14933        | 226957        | 137133        | 10597337               |
| 1399.....                                      | 14912        | 226741        | 136786        | 10591800               |
| <b>1400.....</b>                               | <b>14918</b> | <b>226679</b> | <b>136916</b> | <b>10594459</b>        |

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

| Ostan                          | Number | Members | Workers | Capital<br>(mln rials) |
|--------------------------------|--------|---------|---------|------------------------|
| East Azarbayejan.....          | 468    | 6610    | 4446    | 78433                  |
| West Azarbayejan .....         | 244    | 2974    | 2465    | 193231                 |
| Ardebil .....                  | 347    | 3370    | 2364    | 111354                 |
| Esfahan.....                   | 519    | 14026   | 5441    | 195528                 |
| Alborz .....                   | 61     | 1703    | 777     | 97373                  |
| Ilam .....                     | 648    | 10111   | 5274    | 93879                  |
| Bushehr .....                  | 586    | 4334    | 7365    | 99697                  |
| Tehran .....                   | 429    | 16861   | 7428    | 98838                  |
| Chaharmahal & Bakhtiyari ..... | 428    | 3782    | 3538    | 50307                  |
| South Khorasan .....           | 157    | 2836    | 1325    | 129997                 |
| Khorasan-e-Razavi.....         | 1124   | 25086   | 9644    | 574834                 |
| North Khorasan .....           | 244    | 2498    | 1818    | 44055                  |
| Khuzestan.....                 | 818    | 7464    | 7260    | 201889                 |
| Zanjan .....                   | 282    | 4249    | 2057    | 46981                  |
| Semnan.....                    | 343    | 3180    | 2369    | 174106                 |
| Sistan & Baluchestan .....     | 369    | 3608    | 3187    | 79600                  |
| Fars.....                      | 938    | 18025   | 8919    | 626798                 |
| Qazvin .....                   | 140    | 2348    | 1525    | 92914                  |
| Qom.....                       | 191    | 1873    | 1553    | 153982                 |
| Kordestan .....                | 248    | 4706    | 1814    | 565818                 |
| Kerman.....                    | 1004   | 14470   | 8595    | 92552                  |
| Kermanshah .....               | 644    | 9668    | 7871    | 40880                  |
| Kohgiluyeh & Boyerahmad .....  | 404    | 3488    | 3182    | 56924                  |
| Golestan .....                 | 826    | 13659   | 6463    | 310227                 |
| Gilan.....                     | 512    | 8287    | 6537    | 259143                 |
| Lorestan.....                  | 413    | 5150    | 2817    | 71641                  |
| Mazandaran.....                | 1077   | 15431   | 10663   | 5825249                |
| Markazi .....                  | 410    | 4948    | 1767    | 62203                  |
| Hormozgan.....                 | 539    | 6253    | 5008    | 55680                  |
| Hamedan .....                  | 193    | 2531    | 1759    | 38722                  |
| Yazd .....                     | 312    | 3150    | 1685    | 71625                  |

1. Since the year 1399, they exclude non-operational cooperatives.

Source: Ministry of Cooperatives, Labour and Social Welfare.

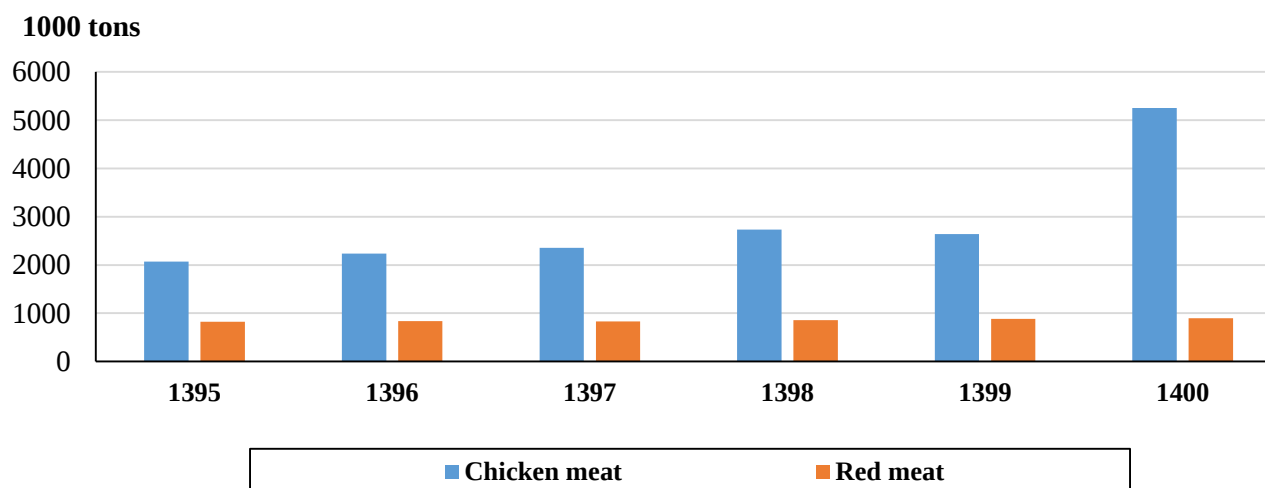
### 5.37. GENERAL SPECIFICATION OF AGRICULTURAL COOPERATIVES COVERED BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES, BY TYPE OF ACTIVITY AT THE END OF THE YEAR

| Year and type of activity     | Number      | Members        | Capital <sup>(1)</sup><br>(mln rials) |
|-------------------------------|-------------|----------------|---------------------------------------|
| 1385.....                     | 2008        | 1010551        | 404366                                |
| 1390.....                     | 1997        | 1068541        | 836954                                |
| 1395.....                     | 1904        | 1047684        | 2643657                               |
| 1396.....                     | 1877        | 1048580        | 2598232                               |
| 1397.....                     | 1957        | 1051389        | 2899761                               |
| 1398.....                     | 2001        | 1070118        | 3305330                               |
| 1399.....                     | 2043        | 1128530        | 4079399                               |
| <b>1400.....</b>              | <b>2105</b> | <b>1161167</b> | <b>6131972</b>                        |
| Poultry farming .....         | 342         | 22554          | 2429707                               |
| Livestock farming .....       | 616         | 635049         | 2598835                               |
| Wheat farming.....            | 80          | 32363          | 59423                                 |
| Permanent crops farming ..... | 105         | 160966         | 169113                                |
| Apiculture.....               | 235         | 80336          | 318997                                |
| Combine harvester management. | 12          | 972            | 1459                                  |
| Range management .....        | 30          | 8573           | 24654                                 |
| Mechanization.....            | 35          | 2839           | 5684                                  |
| Others.....                   | 650         | 217515         | 524100                                |

1. The cooperative declared capital is the registered capital for the members' cash contribution resources, and does not include trading capital, creating and acquisition of visible and invisible fixed assets and long term investments.

Source: Central Organization of Rural Cooperatives.

### 5.1. PRODUCTION OF RED MEAT AND CHICKEN MEAT



For date see Table 5. 35.

**5.38. GENERAL SPECIFICATION OF AGRICULTURAL COOPERATIVES COVERED BY  
CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY OSTAN AT THE END OF  
THE YEAR 1400**

| Ostan                         | Number      | Members        |
|-------------------------------|-------------|----------------|
| <b>Total country .....</b>    | <b>2105</b> | <b>1161167</b> |
| East Azarbayejan .....        | 195         | 108410         |
| West Azarbayejan .....        | 73          | 39544          |
| Ardebil .....                 | 37          | 22681          |
| Esfahan .....                 | 162         | 102934         |
| Alborz .....                  | 46          | 5782           |
| Ilam .....                    | 102         | 3626           |
| Bushehr .....                 | 14          | 3713           |
| Tehran .....                  | 55          | 10106          |
| Chaharmahal & Bakhtiari ..... | 57          | 8520           |
| South Khorasan .....          | 82          | 36273          |
| Khorasan-e-Razavi .....       | 198         | 142758         |
| North Khorasan .....          | 40          | 14172          |
| Khuzestan.....                | 50          | 39323          |
| Zanjan .....                  | 13          | 2083           |
| Semnan .....                  | 40          | 14293          |
| Sistan & Baluchestan .....    | 30          | 2394           |
| Fars .....                    | 104         | 69663          |
| Qazvin .....                  | 59          | 19833          |
| Qom .....                     | 16          | 19133          |
| Kordestan .....               | 86          | 24035          |
| Kerman .....                  | 47          | 19130          |
| Kermanshah .....              | 88          | 27885          |
| Kohgiluyeh & Boyerahmad ..... | 40          | 9346           |
| Golestan .....                | 67          | 25396          |
| Gilan .....                   | 107         | 125967         |
| Lorestan .....                | 29          | 27051          |
| Mazandaran .....              | 79          | 99893          |
| Markazi .....                 | 56          | 31083          |
| Hormozgan .....               | 45          | 9366           |
| Hamedan .....                 | 51          | 75204          |
| Yazd .....                    | 37          | 21570          |

Source: Central Organization of Rural Cooperatives.

**5.39. AREA OF AFFORESTATION AND SAPLING PRODUCTION****(ha; 1000 saplings)**

| Year and Ostan                | Afforestation |             |             | Sapling production <sup>(1)</sup> |
|-------------------------------|---------------|-------------|-------------|-----------------------------------|
|                               | Total         | State-owned | Private     |                                   |
| 1385.....                     | 51167         | 39871       | 11296       | 46876                             |
| 1390.....                     | 25254         | 8370        | 16885       | 33386                             |
| 1395.....                     | 13933         | 7069        | 6864        | 22344                             |
| 1396.....                     | 15202         | 10937       | 4265        | 25502                             |
| 1397.....                     | 35294         | 31275       | 4019        | 23801                             |
| 1398.....                     | 53866         | 51635       | 2231        | 19050                             |
| 1399.....                     | 37817         | 35286       | 2531        | 12486                             |
| <b>1400.....</b>              | <b>11631</b>  | <b>9690</b> | <b>1941</b> | <b>26199</b>                      |
| East Azarbayejan.....         | 180           | 180         | 0           | 812                               |
| West Azarbayejan .....        | 0             | 0           | 0           | 0                                 |
| Ardebil .....                 | 33            | 33          | 0           | 179                               |
| Esfahan.....                  | 12            | 12          | 0           | 300                               |
| Alborz .....                  | 315           | 315         | 0           | 426                               |
| Ilam .....                    | 1440          | 1440        | 0           | 6000                              |
| Bushehr .....                 | 30            | 30          | 0           | 300                               |
| Tehran .....                  | 132           | 132         | 0           | 135                               |
| Chaharmahal & Bakhtiari ..... | 429           | 429         | 0           | 450                               |
| South Khorasan .....          | 0             | 0           | 0           | 236                               |
| Khorasan-e-Razavi.....        | 90            | 90          | 0           | 49                                |
| North Khorasan .....          | 24            | 24          | 0           | 127                               |
| Khuzestan.....                | 1044          | 1044        | 0           | 4375                              |
| Zanjan .....                  | 0             | 0           | 0           | 80                                |
| Semnan.....                   | 74            | 74          | 0           | 1030                              |
| Sistan & Baluchestan .....    | 50            | 50          | 0           | 175                               |
| Fars.....                     | 605           | 222         | 383         | 153                               |
| Qazvin .....                  | 90            | 0           | 90          | 88                                |
| Qom .....                     | 0             | 0           | 0           | 0                                 |
| Kordestan .....               | 157           | 157         | 0           | 600                               |
| Kerman.....                   | 1700          | 1700        | 0           | 360                               |
| Kermanshah .....              | 164           | 164         | 0           | 318                               |
| Kohgiluyeh & Boyerahmad ..... | 0             | 0           | 0           | 0                                 |
| Golestan .....                | 116           | 116         | 0           | 542                               |
| Gilan.....                    | 332           | 82          | 250         | 830                               |
| Lorestan.....                 | 335           | 235         | 100         | 2650                              |
| Mazandaran.....               | 1162          | 212         | 950         | 2824                              |
| Markazi .....                 | 360           | 200         | 160         | 1000                              |
| Hormozgan.....                | 2656          | 2656        | 0           | 1900                              |
| Hamedan .....                 | 102           | 94          | 8           | 200                               |
| Yazd .....                    | 0             | 0           | 0           | 60                                |

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

Source: Forests, Range and Watershed Management Organization.

**5. 40. WATERSHED MANAGEMENT ACTIVITIES****(ha)**

| Topic                                                                                                         | Year           |                |               |                |
|---------------------------------------------------------------------------------------------------------------|----------------|----------------|---------------|----------------|
|                                                                                                               | 1385           | 1390           | 1395          | 1396           |
| <b>National .....</b>                                                                                         | <b>3152126</b> | <b>1299966</b> | <b>402702</b> | <b>1018412</b> |
| Watershed management in existing dams catchments .....                                                        | 179329         | 106686         | 11264         | 87966          |
| Project development.....                                                                                      | 2337885        | 184542         | 95814         | 117257         |
| Watershed management in catchments of dams under construction <sup>(4)</sup> .....                            | 56829          | 55770          | 9037          | 96132          |
| Project development.....                                                                                      | 93262          | 116268         | 74784         | 74010          |
| Watershed management in Karkheh dam catchments .....                                                          | 34918          | 18279          | 2949          | 4377           |
| Project development.....                                                                                      | 87472          | 45189          | 1070          | 20902          |
| Watershed management in the Grate Karun catchments .....                                                      | 0              | 18074          | 4322          | 4996           |
| Project development .....                                                                                     | 0              | 37885          | 4988          | 4400           |
| Watershed management in Sefidrud dam catchments.....                                                          | 134399         | 19741          | 9219          | 4765           |
| Project development.....                                                                                      | 78369          | 36893          | 0             | 2923           |
| Watershed management in Atrak catchments .....                                                                | 0              | 15555          | 11050         | 585            |
| Project development <sup>(3)</sup> .....                                                                      | 0              | 17662          | 5250          | 7500           |
| Watershed management in Golestan flood control catchments (watershed management share) .....                  | 47463          | 36189          | 3400          | 7542           |
| Project development.....                                                                                      | 55950          | 101450         | 38400         | 1400           |
| Study and operation of watershed management in catchments lacking dams .....                                  | 35000          | 28549          | 24159         | 98358          |
| Project development.....                                                                                      | 11250          | 411802         | 108093        | 458976         |
| Study and operation of watershed management in Orumie Lake catchments .....                                   | 0              | 16609          | 731           | 7321           |
| Project development.....                                                                                      | 0              | 9490           | 0             | 9650           |
| Study and operation of watershed management in central desert margin catchments.....                          | 0              | 5223           | 4617          | 3583           |
| Project development.....                                                                                      | 0              | 18110          | 3500          | 4379           |
| Study and operation of watershed management in South Khorason Siah Kouh catchments.....                       | 0              | 0              | 0             | 1390           |
| Project development.....                                                                                      | 0              | 0              | 0             | 0              |
| Ostani(provincial) .....                                                                                      | 1318824        | 946697         | 471358        | 442661         |
| Land use improvements plan .....                                                                              | 104004         | 168462         | 28455         | 8073           |
| Project development <sup>(5)</sup> .....                                                                      | 32940          | 13678          | 18000         | 0              |
| Flood control prevention plan .....                                                                           | 155952         | 36909          | 29863         | 64493          |
| Project development <sup>(5)</sup> .....                                                                      | 156883         | 102394         | 30500         | 26176          |
| Watershed management in municipal areas catchments .....                                                      | 10363          | 33829          | 6845          | 8195           |
| Project development <sup>(5)</sup> .....                                                                      | 12478          | 52006          | 0             | 0              |
| Watershed management in border line catchments .....                                                          | 25465          | 35015          | 4292          | 12611          |
| Project development <sup>(5)</sup> .....                                                                      | 16765          | 5320           | 0             | 0              |
| Watershed management in other provincial catchments.....                                                      | 2259           | 0              | 8933          | 2014           |
| Project development <sup>(5)</sup> .....                                                                      | 7400           | 0              | 0             | 0              |
| Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project) ..... | 496297         | 182619         | 130157        | 132942         |
| Project development <sup>(5)</sup> .....                                                                      | 298018         | 316465         | 214313        | 188156         |

**5.40. WATERSHED MANAGEMENT ACTIVITIES (continued)****(ha)**

| Topic                                                                                                         | Year          |                |                       |                     |
|---------------------------------------------------------------------------------------------------------------|---------------|----------------|-----------------------|---------------------|
|                                                                                                               | 1397          | 1398           | 1399 <sup>(1,2)</sup> | 1400 <sup>(3)</sup> |
| <b>National.....</b>                                                                                          | <b>848662</b> | <b>1501157</b> | <b>712390</b>         | <b>267626</b>       |
| Watershed management in existing dams catchments <sup>(4)</sup> .....                                         | 0             | 0              | 0                     | 0                   |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Watershed management in catchments of dams under construction <sup>(4)</sup> .....                            | 0             | 0              | 0                     | 0                   |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Watershed management in Karkheh dam catchments .....                                                          | 0             | 0              | 0                     | 0                   |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Watershed management in the Grate Karun catchments .....                                                      | 0             | 0              | 0                     | 4780                |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Watershed management in Sefidrud dam catchments .....                                                         | 0             | 0              | 0                     | 8900                |
| Project development .....                                                                                     | 0             | 0              | 0                     | 1500                |
| Watershed management in Atrak catchments.....                                                                 | 0             | 0              | 0                     | 7507                |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Watershed management in Golestan flood control catchments (watershed management share) .....                  | 0             | 0              | 0                     | 2221                |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Study and operation of watershed management in catchments lacking dams ....                                   | 0             | 0              | 0                     | 161859              |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Study and operation of watershed management in Orumie Lake catchments ....                                    | 0             | 0              | 0                     | 2234                |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Study and operation of watershed management in central desert margin catchments.....                          | 0             | 0              | 0                     | 14923               |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Study and operation of watershed management in South Khorason Siah Kouh catchments .....                      | 0             | 0              | 0                     | 1058                |
| Project development .....                                                                                     | 0             | 0              | 0                     | 0                   |
| Ostani(provincial) <sup>(5)</sup> .....                                                                       | 93374         | 86560          | 104555                | 1012383             |
| Land use improvements plan .....                                                                              | 4718          | 5274           | 7082                  | 897                 |
| Project development <sup>(6)</sup> .....                                                                      | 0             | 0              | 0                     | 0                   |
| Flood control prevention plan.....                                                                            | 2234          | 4094           | 0                     | 5014                |
| Project development <sup>(6)</sup> .....                                                                      | 0             | 0              | 0                     | 0                   |
| Watershed management in municipal areas catchments.....                                                       | 0             | 0              | 8773                  | 378                 |
| Project development <sup>(6)</sup> .....                                                                      | 0             | 0              | 0                     | 0                   |
| Watershed management in border line catchments .....                                                          | 2903          | 5948           | 616                   | 0                   |
| Project development <sup>(6)</sup> .....                                                                      | 0             | 0              | 0                     | 0                   |
| Watershed management in other provincial catchments .....                                                     | 40            | 3594           | 0                     | 98                  |
| Project development <sup>(6)</sup> .....                                                                      | 0             | 0              | 0                     | 0                   |
| Ostani (provincial) (Soil conservation , watershed management and flood prevention and control project) ..... | 83479         | 46121          | 88085                 | 62639               |
| Project development <sup>(6)</sup> .....                                                                      | 0             | 0              | 0                     | 122740              |

1. National watershed management in the year 1399 was concentrated on the implementation of a watershed management project financed by the Development Fund. Other projects were not conducted due to low allotment, settlement of past debts, and zero performance in the project.

2. In the year 1400, 763,083 hectares of watershed operations were carried out from the credit of deprivation and miscellaneous line.

3 Other conducted projects in the year 1399 under article 180 (3 percent of oil, gas) were 13160 hectares.

4. Two projects "watershed management in the area of existing dams" and "watershed management of dams under construction" have been combined in the field of dams of the country, which in 1400 is 70,901 hectares of physical performance.

5. Other operations performed in the year 1400 in the form of (unforeseen events, regional balance, etc.) are 32,212 hectares.

6. Project development means explanatory, detailed, and executive studies for the implementation area of the concerned project.

Source: Forests, Range and Watershed Management Organization

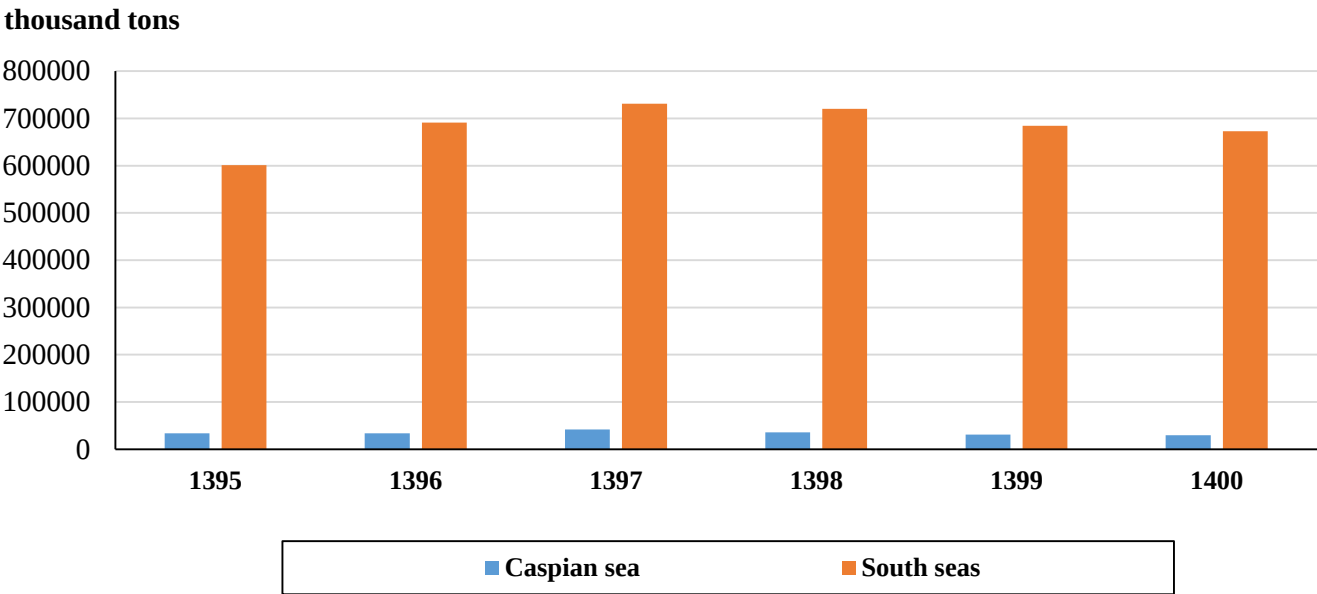
**5.41. CATCHES OF VARIOUS AQUATICS, BY NORTH AND SOUTH WATERS (ton)**

| Year and Ostan            | Grand total   | Catches in the Caspian Sea (northern waters) |              |             |           |
|---------------------------|---------------|----------------------------------------------|--------------|-------------|-----------|
|                           |               | Total                                        | Kilka        | Bony fish   | Sturgeon  |
| 1385.....                 | 420882        | 46435                                        | 22303        | 23802       | 330       |
| 1390.....                 | 449729        | 37831                                        | 20717        | 17034       | 80        |
| 1395.....                 | 634198        | 33396                                        | 22429        | 10944       | 23        |
| 1396.....                 | 724817        | 33643                                        | 22602        | 11012       | 29        |
| 1397.....                 | 773198        | 42037                                        | 26154        | 15866       | 17        |
| 1398.....                 | 755728        | 35509                                        | 24586        | 10910       | 13        |
| 1399.....                 | 715401        | 31129                                        | 20053        | 11061       | 15        |
| <b>1400.....</b>          | <b>702460</b> | <b>29864</b>                                 | <b>20138</b> | <b>9713</b> | <b>13</b> |
| Bushehr.....              | 61423         | 0                                            | 0            | 0           | 0         |
| Khuzestan.....            | 51196         | 0                                            | 0            | 0           | 0         |
| Sistan & Baluchestan..... | 260078        | 0                                            | 0            | 0           | 0         |
| Golestan.....             | 899           | 899                                          | 0            | 895         | 4         |
| Gilan.....                | 11221         | 11221                                        | 6307         | 4911        | 3         |
| Mazandaran.....           | 17745         | 17745                                        | 13831        | 3908        | 6         |
| Hormozgan.....            | 299899        | 0                                            | 0            | 0           | 0         |

| Year and Ostan            | Catches in south waters (Persian Gulf and Oman Sea) |               |               |               |             |
|---------------------------|-----------------------------------------------------|---------------|---------------|---------------|-------------|
|                           | Total                                               | Small pelagic | Large pelagic | Demersal      | Sea shrimps |
| 1385.....                 | 374447                                              | 26311         | 225374        | 116811        | 5951        |
| 1390.....                 | 411897                                              | 50161         | 207438        | 147437        | 6861        |
| 1395.....                 | 600802                                              | 78507         | 274533        | 238342        | 9420        |
| 1396.....                 | 691174                                              | 111831        | 326784        | 241365        | 11195       |
| 1397.....                 | 731161                                              | 116699        | 338482        | 267175        | 8805        |
| 1398.....                 | 720219                                              | 128992        | 297840        | 283450        | 9937        |
| 1399.....                 | 684272                                              | 103940        | 316568        | 251590        | 12174       |
| <b>1400.....</b>          | <b>672596</b>                                       | <b>100590</b> | <b>334372</b> | <b>229014</b> | <b>8620</b> |
| Bushehr.....              | 61423                                               | 1312          | 28792         | 28958         | 2361        |
| Khuzestan.....            | 51196                                               | 1804          | 7458          | 38451         | 3483        |
| Sistan & Baluchestan..... | 260078                                              | 4987          | 190312        | 64493         | 286         |
| Golestan.....             | 0                                                   | 0             | 0             | 0             | 0           |
| Gilan.....                | 0                                                   | 0             | 0             | 0             | 0           |
| Mazandaran.....           | 0                                                   | 0             | 0             | 0             | 0           |
| Hormozgan.....            | 299899                                              | 92488         | 107810        | 97110         | 2491        |

Source: Iran Fisheries Organization.

5.2. CATCHES OF VARIOUS AQUATICS



For data see Table 5.41.

## 5.42. AQUACULTURE PRODUCTION

(ton)

| Year and Ostan                            | Total         | Aquaculture       |                       |                       |                |                           |                            |                        |
|-------------------------------------------|---------------|-------------------|-----------------------|-----------------------|----------------|---------------------------|----------------------------|------------------------|
|                                           |               | Cage fish farming | Fish farms            |                       |                | Shrimps farms             |                            |                        |
|                                           |               |                   | Warm water fish farms | Cold water fish farms | Sturgeon farms | Shrimp farms (salt water) | Shrimp farms (fresh water) | Shrimp farms (lobster) |
| 1385 .....                                | 154678        | ×                 | 77463                 | 46275                 | 0              | 5700                      | 20                         | 250                    |
| 1390 .....                                | 285351        | ×                 | 132177                | 106409                | 312            | 8026                      | 68                         | 270                    |
| 1395 .....                                | 459521        | 10162             | 201097                | 163325                | 2146           | 21331                     | 11                         | 58                     |
| 1396 .....                                | 477269        | 14050             | 196005                | 167830                | 2618           | 32332                     | 16                         | 35                     |
| 1397 .....                                | 489205        | 14100             | 187399                | 173384                | 2839           | 47859                     | 25                         | 12                     |
| 1398 .....                                | 527544        | 12442             | 213590                | 182601                | 2516           | 46114                     | 13                         | 3                      |
| 1399 .....                                | 554092        | 12571             | 221864                | 190287                | 3503           | 48855                     | 25                         | 5                      |
| <b>1400 .....</b>                         | <b>556004</b> | <b>9086</b>       | <b>216952</b>         | <b>189932</b>         | <b>3148</b>    | <b>57799</b>              | <b>20</b>                  | <b>4</b>               |
| East Azarbayejan .....                    | 9370          | 150               | 236                   | 5692                  | 62             | 0                         | 0                          | 0                      |
| West Azarbayejan .....                    | 16298         | 0                 | 951                   | 9000                  | 0              | 0                         | 0                          | 0                      |
| Ardebil .....                             | 10073         | 0                 | 827                   | 4586                  | 3              | 0                         | 0                          | 0                      |
| Esfahan .....                             | 8504          | 91                | 814                   | 6939                  | 2              | 0                         | 0                          | 0                      |
| Alborz .....                              | 2580          | 0                 | 144                   | 2239                  | 5              | 0                         | 0                          | 0                      |
| Ilam .....                                | 10380         | 1230              | 950                   | 2310                  | 0              | 0                         | 0                          | 0                      |
| Bushehr .....                             | 28437         | 370               | 6                     | 0                     | 0              | 28051                     | 0                          | 0                      |
| Tehran .....                              | 6176          | 0                 | 1218                  | 4556                  | 21             | 0                         | 0                          | 0                      |
| South of Kerman (Jiroft and Kahnuj) ..... | 3353          | 0                 | 2085                  | 446                   | 0              | 0                         | 0                          | 0                      |
| Chaharmahal & Bakhtivari .....            | 22531         | 1512              | 0                     | 20832                 | 0              | 0                         | 0                          | 0                      |
| South Khorasan .....                      | 1980          | 0                 | 1453                  | 66                    | 0              | 0                         | 0                          | 0                      |
| Khorasan-e-Razavi .....                   | 10998         | 0                 | 2145                  | 8458                  | 19             | 0                         | 0                          | 0                      |
| North Khorasan .....                      | 2029          | 0                 | 242                   | 1730                  | 0              | 0                         | 0                          | 0                      |
| Khuzestan .....                           | 84917         | 0                 | 67500                 | 1560                  | 10             | 802                       | 0                          | 0                      |
| Zanjan .....                              | 15800         | 0                 | 47                    | 14209                 | 0              | 0                         | 0                          | 3                      |
| Semnan .....                              | 1362          | 0                 | 458                   | 800                   | 0              | 0                         | 0                          | 0                      |
| Sistan (Zabol) .....                      | 23869         | 0                 | 1839                  | 102                   | 0              | 0                         | 0                          | 0                      |
| Sistan & Baluchestan (Chabahar) .....     | 1090          | 0                 | 0                     | 0                     | 0              | 1090                      | 0                          | 0                      |
| Fars .....                                | 12362         | 0                 | 1538                  | 10334                 | 74             | 0                         | 0                          | 0                      |
| Qazvin .....                              | 4413          | 0                 | 720                   | 3200                  | 29             | 0                         | 0                          | 0                      |
| Qom .....                                 | 2117          | 0                 | 938                   | 837                   | 41             | 0                         | 0                          | 1                      |
| Kordestan .....                           | 10700         | 0                 | 26                    | 4595                  | 0              | 0                         | 0                          | 0                      |
| Kerman <sup>(1)</sup> .....               | 2735          | 0                 | 1260                  | 1200                  | 10             | 0                         | 0                          | 0                      |
| Kermanshah .....                          | 21110         | 1200              | 5488                  | 12267                 | 15             | 0                         | 20                         | 0                      |
| Kohgiluyeh & Boyerahmad .....             | 19316         | 0                 | 0                     | 19000                 | 16             | 0                         | 0                          | 0                      |
| Golestan .....                            | 17425         | 10                | 13373                 | 997                   | 30             | 1565                      | 0                          | 0                      |
| Gilan .....                               | 46159         | 85                | 41727                 | 3300                  | 597            | 0                         | 0                          | 0                      |
| Lorestan .....                            | 30034         | 0                 | 1976                  | 25005                 | 33             | 0                         | 0                          | 0                      |
| Mazandaran .....                          | 85930         | 426               | 67198                 | 15937                 | 2064           | 0                         | 0                          | 0                      |
| Markazi .....                             | 5170          | 17                | 102                   | 4835                  | 68             | 0                         | 0                          | 0                      |
| Hormozgan .....                           | 32015         | 3950              | 720                   | 0                     | 21             | 26291                     | 0                          | 0                      |
| Hamedan .....                             | 5332          | 45                | 442                   | 4325                  | 0              | 0                         | 0                          | 0                      |
| Yazd .....                                | 1439          | 0                 | 530                   | 575                   | 28             | 0                         | 0                          | 0                      |

Source: Fisheries of Iran.

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

| Year              | Caviar     |            |            |            | Meat         |             |             |             |
|-------------------|------------|------------|------------|------------|--------------|-------------|-------------|-------------|
|                   | Total      | Beluga     | Asetra     | Sevruga    | Total        | Beluga      | Asetra      | Sevruga     |
| 1385 .....        | 31299      | 4879       | 24147      | 2273       | 129800       | 74000       | 22600       | 33200       |
| 1390 .....        | 6128       | 1997       | 3615       | 516        | 80831        | 24577       | 47582       | 8672        |
| 1395 .....        | 1368       | 369        | 846        | 153        | 23041        | 5228        | 15877       | 1936        |
| 1396 .....        | 2041       | 854        | 938        | 249        | 28800        | 9800        | 16500       | 2500        |
| 1397 .....        | 1056       | 404        | 498        | 154        | 17300        | 5300        | 10300       | 1700        |
| 1398 .....        | 840        | 387        | 335        | 118        | 12727        | 4189        | 7201        | 1337        |
| 1399 .....        | 874        | 257        | 504        | 113        | 14507        | 2603        | 10698       | 1206        |
| <b>1400 .....</b> | <b>871</b> | <b>227</b> | <b>540</b> | <b>103</b> | <b>12644</b> | <b>2465</b> | <b>9091</b> | <b>1089</b> |

Source: Fisheries of Iran.

**5.44. PRODUCTION OF VARIOUS FISH FRIES BY SPECIES (1000 fowls)**

| Year              | Total         | Kutum         | Sturgeon    | Carp          | Salmon    | Trout         | Bream        | Perch       | Other       |
|-------------------|---------------|---------------|-------------|---------------|-----------|---------------|--------------|-------------|-------------|
| 1385 .....        | 687881        | 174300        | 13800       | 144650        | 611       | 315500        | 19300        | 12890       | 6830        |
| 1390 .....        | 911101        | 272681        | 4854        | 176000        | 437       | 350000        | 18780        | 15028       | 73321       |
| 1395 .....        | 914730        | 192613        | 2472        | 245535        | 0         | 371512        | 15927        | 13877       | 72795       |
| 1396 .....        | 862248        | 183514        | 2919        | 186009        | 810       | 427468        | 13688        | 2835        | 45005       |
| 1397 .....        | 705848        | 132421        | 3231        | 185833        | 0         | 330895        | 13473        | 3073        | 36922       |
| 1398 .....        | 816355        | 188156        | 2939        | 203134        | 0         | 364827        | 13066        | 3223        | 41010       |
| 1399 .....        | 882776        | 229607        | 833         | 281345        | 39        | 304357        | 14237        | 4560        | 47798       |
| <b>1400 .....</b> | <b>778338</b> | <b>220693</b> | <b>1958</b> | <b>144240</b> | <b>31</b> | <b>343129</b> | <b>14844</b> | <b>6236</b> | <b>9202</b> |

Source: Fisheries of Iran.

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

| Year and Ostan             | Total        | Boat        | Launch      | Ship       |
|----------------------------|--------------|-------------|-------------|------------|
| 1385 .....                 | 12120        | 8670        | 3403        | 47         |
| 1390.....                  | 11717        | 8500        | 3163        | 54         |
| 1395.....                  | 11359        | 8080        | 3189        | 90         |
| 1396 .....                 | 11292        | 7958        | 3209        | 125        |
| 1397.....                  | 11349        | 7953        | 3273        | 123        |
| 1398.....                  | 11446        | 7954        | 3363        | 129        |
| 1399.....                  | 11539        | 7934        | 3480        | 125        |
| <b>1400.....</b>           | <b>11516</b> | <b>7933</b> | <b>3461</b> | <b>122</b> |
| Bushehr .....              | 2031         | 1474        | 536         | 21         |
| Khuzestan .....            | 1700         | 1076        | 624         | 0          |
| Sistan & Baluchestan ..... | 2377         | 1425        | 952         | 0          |
| Golestan .....             | 168          | 168         | 0           | 0          |
| Gilan .....                | 297          | 267         | 30          | 0          |
| Mazandaran .....           | 312          | 268         | 44          | 0          |
| Hormozgan .....            | 4631         | 3255        | 1275        | 101        |

*Source: Fisheries of Iran.***5.46. NUMBER OF WORKERS IN FISHERIES SECTOR (CATCHING)**

| Ostan                      | Year          |               |               |               |               |               |               |               |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                            | 1385          | 1390          | 1395          | 1396          | 1397          | 1398          | 1399          | 1400          |
| <b>Total.....</b>          | <b>146724</b> | <b>143629</b> | <b>141011</b> | <b>141917</b> | <b>141099</b> | <b>141361</b> | <b>140562</b> | <b>136045</b> |
| Bushehr .....              | 45287         | 40860         | 39375         | 39475         | 37464         | 34313         | 34619         | 34678         |
| Khuzestan.....             | 40150         | 37871         | 37320         | 37118         | 36500         | 34000         | 31570         | 31597         |
| Sistan & Baluchestan ..... | 21238         | 24212         | 24128         | 24204         | 24248         | 26748         | 27060         | 26379         |
| Golestan .....             | 1694          | 1685          | 1816          | 1805          | 1829          | 1796          | 927           | 944           |
| Gilan.....                 | 6845          | 6223          | 4352          | 4300          | 4300          | 4275          | 4275          | 4272          |
| Mazandaran.....            | 4691          | 4554          | 4494          | 4482          | 4416          | 4417          | 4413          | 4302          |
| Hormozgan.....             | 26819         | 28224         | 29526         | 30533         | 32342         | 35812         | 37698         | 33873         |

*Source: Fisheries of Iran.*

**5.47. NUMBER OF WORKERS IN FISHERIES SECTOR (AQUACULTURE), 1400**

| Description                                 | Number of workers |
|---------------------------------------------|-------------------|
| <b>Total .....</b>                          | <b>89515</b>      |
| East Azarbayejan .....                      | 1635              |
| West Azarbayejan.....                       | 1397              |
| Ardebil .....                               | 839               |
| Esfahan .....                               | 4623              |
| Alborz .....                                | 1105              |
| Ilam.....                                   | 1646              |
| Bushehr.....                                | 6197              |
| Tehran.....                                 | 3106              |
| South of Kerman (Jieroft and Kahnouj) ..... | 416               |
| Chaharmahal & Bakhtiari.....                | 2215              |
| South Khorasan .....                        | 431               |
| Khorasan-e-Razavi .....                     | 1475              |
| North Khorasan .....                        | 349               |
| Khuzestan .....                             | 7976              |
| Zanjan.....                                 | 2877              |
| Semnan .....                                | 21                |
| Sistan (Zabol) .....                        | 5219              |
| Sistan & Baluchestan (Chabahar).....        | 895               |
| Fars .....                                  | 1395              |
| Qazvin.....                                 | 1583              |
| Qom .....                                   | 480               |
| Kordestan.....                              | 1259              |
| Kerman <sup>(1)</sup> .....                 | 1231              |
| Kermanshah.....                             | 2992              |
| Kohgiluyeh & Boyerahmad.....                | 2841              |
| Golestan.....                               | 4169              |
| Gilan .....                                 | 7398              |
| Lorestan .....                              | 6307              |
| Mazandaran .....                            | 7965              |
| Markazi.....                                | 1231              |
| Hormozgan .....                             | 6842              |
| Hamedan.....                                | 983               |
| Yazd.....                                   | 417               |

1. Excluding Jieroft and Kahnouj.

Source: Fisheries of Iran

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

| Description                                                                   | Year          |                |                |                |                |                |                |
|-------------------------------------------------------------------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                                                               | 1390          | 1393           | 1394           | 1395           | 1396           | 1397           | 1398           |
| <b>(At current prices)</b>                                                    |               |                |                |                |                |                |                |
| <b>Output .....</b>                                                           | <b>711847</b> | <b>1968002</b> | <b>2129064</b> | <b>2402066</b> | <b>2744513</b> | <b>4061976</b> | <b>5998231</b> |
| Temporary crops and permanent crops cultivation.....                          | 382235        | 1085803        | 1192869        | 1387915        | 1553255        | 2238468        | 3400639        |
| Livestock farming, poultry farming, sericulture, apiculture and hunting ..... | 293694        | 772593         | 812393         | 873241         | 1020720        | 1564124        | 2244832        |
| Forestry .....                                                                | 7450          | 13177          | 13511          | 14067          | 20759          | 26167          | 30542          |
| Fishing.....                                                                  | 28468         | 96430          | 110291         | 126842         | 149779         | 233217         | 322218         |
| <b>Intermediate consumption .....</b>                                         | <b>336573</b> | <b>907285</b>  | <b>964860</b>  | <b>1076063</b> | <b>1240132</b> | <b>1865593</b> | <b>2713110</b> |
| Temporary crops and permanent crops cultivation                               | 117338        | 325257         | 354612         | 415214         | 465100         | 668136         | 1008895        |
| Livestock farming, poultry farming, sericulture, apiculture and hunting.....  | 205510        | 541264         | 564298         | 608346         | 710594         | 1095970        | 1570935        |
| Forestry .....                                                                | 2861          | 3861           | 3833           | 3912           | 7338           | 11898          | 10174          |
| Fishing .....                                                                 | 10864         | 36902          | 42117          | 48592          | 57100          | 89589          | 123106         |
| <b>Value added .....</b>                                                      | <b>375275</b> | <b>1060717</b> | <b>1164204</b> | <b>1326002</b> | <b>1504381</b> | <b>2196383</b> | <b>3285121</b> |
| Temporary crops and permanent crops cultivation                               | 264898        | 760545         | 838258         | 972701         | 1088155        | 1570332        | 2391744        |
| Livestock farming, poultry farming, sericulture, apiculture and hunting.....  | 88184         | 231328         | 248095         | 264895         | 310126         | 468154         | 673897         |
| Forestry .....                                                                | 4589          | 9316           | 9678           | 10156          | 13421          | 14269          | 20369          |
| Fishing .....                                                                 | 17605         | 59528          | 68174          | 78250          | 92679          | 143628         | 199111         |
| <b>(At 1390 constant prices)</b>                                              |               |                |                |                |                |                |                |
| <b>Value added .....</b>                                                      | <b>375275</b> | <b>421334</b>  | <b>443917</b>  | <b>463789</b>  | <b>470759</b>  | <b>454579</b>  | <b>509612</b>  |
| Temporary crops and permanent crops cultivation                               | 264898        | 299273         | 315613         | 325016         | 325201         | 310842         | 355082         |
| Livestock farming, poultry farming, sericulture, apiculture and hunting.....  | 88184         | 102406         | 108296         | 118304         | 123603         | 121256         | 131830         |
| Forestry .....                                                                | 4589          | 3442           | 3198           | 3247           | 3648           | 3741           | 3346           |
| Fishing.....                                                                  | 17605         | 16212          | 16810          | 17222          | 18306          | 18739          | 19354          |

Source: Statistical Centre of Iran.



