***Introduction***

T

he first National Survey of Agriculture was conducted in 1339 by the Department of General Statistics of the time as sampling. After the implementation of several sample surveys, the results of which were released for the years 1350 and 1351, the SCI took the first census of agriculture in rural areas in 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 1353, 1354, 1356 to 1359, 1361 and 1366, and released the results.

In 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 1367 in urban and rural areas by visiting settled and unsettled households to collect data on all agricultural holdings of natural persons as well as data on holdings belonged to legal entities by identifying all places used by them for agricultural activities. Using the frame of this Census, the SCI took the first Sample Survey of Agriculture in 1371. Through the Survey, which covered only farming activities of agricultural holdings, data on production, value of products, production cost of principal crops etc. for the year 1370 were collected.

The second national census of agriculture was taken in 1372 by the SCI. In the census, some

cities or urban districts in which the number of the holders' households was not significant in the 1367 Census were excluded. According to the calculations, the proportion of urban holders' households, arable lands under crops, area with orchards and nurseries, and livestock were 1.7%, 2.5%, 3.2% and 1.3% of the total country in 1367.

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

Considering recent changes in administrative divisions, the data appeared in various tables of this chapter were adjusted according to the latest limits of Ostans and results of the 1382 National Census of Agriculture.

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

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

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

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

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

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

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

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

***Definitions and concepts***

***Agricultural holding****:* all agricultural activities

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

***Farming:*** holdings withat least 400 square metres of arable land at the time of enumeration.

***Horticulture:*** holdings withat least 200 square metres of orchards and nurseries at the time of enumeration.

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

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

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

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

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

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

***Arable land:*** land allocated to farming, either under cultivation or left fallow.

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

***Rainfed arable land:*** cultivatedlands that are not irrigated but left to be watered through

precipitation.

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

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

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

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

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

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

***Dam:*** see Chapter 8, Definitions and concepts.

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

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

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

***Broiler chicken:*** hen or rooster reared for its meat.

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

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

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

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

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

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

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

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

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

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

***Cooperative:*** refers to company composed of at least 7 natural persons as members who finance either whole or 51 percent of the capital. It is registered according to regulations in the law of cooperative sector. It should be noted that before determining the minimum number of the cooperatives' members under the mentioned law, some of the cooperatives were established with less than 7 members.

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

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

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

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

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

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

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

***Delineation:*** exact estimation of the area and admitted limits of each husbandry in a range for one or more rangemen.

***Water trough:*** shallow wells supplying livestock drinking water only.

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

***Mulching:*** to create vegetation (mulching) over the soil to prevent it from moving, losing temperature or drying out.

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

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

***Preservation:*** selection and declaration of the areas of regions with high erosion or sensitive to erosion.

***Basin:*** see Chapter 1, Definitions and concepts.

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

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

***Output:*** see Chapter 21, Definitions and concepts.

***Intermediate consumption:*** see Chapter 21, Definitions and concepts.

***Value added:*** see Chapter 21, Definitions and concepts.

# ***Selected information***

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

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

agricultural crops was as follows:

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

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

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

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

In 1387, the area of the forests of the country was estimated 14.3 mln hectares. In the mentioned year, out of 85 mln hectares of the ranges of the country, only 8.5 % was among good ranges and the rest was at the medium and poor levels. In 1388, more than 599 thousand tons of various types of aquatics were produced and caught, out of which over 44 thousand tons were from the northern waters; more than 348 thousand tons from the southern waters and more than 207 thousand tons from the domestic waters (aquatics raising farms and natural and semi-natural resources).

In 1385, the value added of this sector comprising the activities on “agriculture, hunting and forestry” as well as “fishing” at the current prices and at the 1376 constant prices was 214746 and 60506 bln rials respectively.

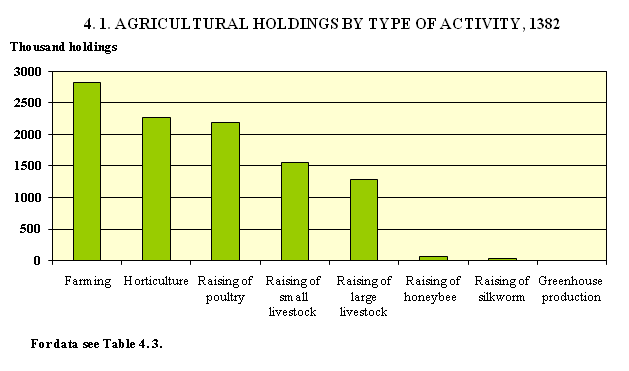
*1. The last 364 days plus the day of enumeration.*

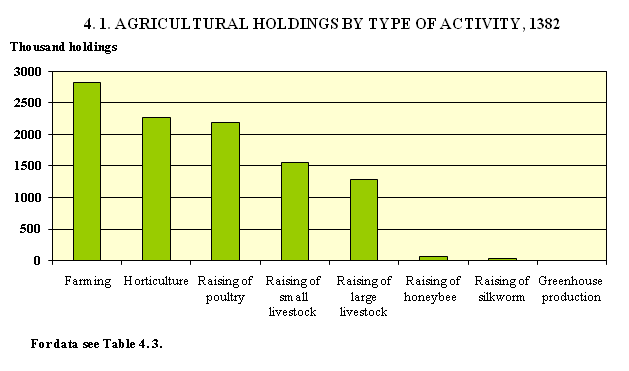
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| **4. 1. AGRICULTURAL HOLDERS BY TYPE AND OSTAN 1382** |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Ostan | Total | Private settled household | Unsettled holder | Private unsettled household | Registered company or public institution | | ***Total country*** | ***4298206*** | ***3437981*** | ***816104*** | ***36013*** | ***8108*** | | East Azarbayejan | 243634 | 215755 | 26526 | 932 | 421 | | West Azarbayejan | 204366 | 172514 | 31645 | 0 | 207 | | Ardebil | 109187 | 89691 | 18524 | 797 | 175 | | Esfahan | 203515 | 164829 | 37951 | 119 | 616 | | Ilam | 56169 | 39379 | 16264 | 426 | 100 | | Bushehr | 47229 | 38786 | 7034 | 1359 | 50 | | Tehran | 86468 | 52091 | 33782 | 5 | 590 | | Chaharmahal & Bakhtiyari | 65948 | 60628 | 5199 | 16 | 105 | | South Khorasan | 51626 | 38743 | 12636 | 167 | 80 | | Khorasan-e-Razavi | 394443 | 306668 | 86905 | 353 | 517 | | North Khorasan | 82325 | 68764 | 13104 | 352 | 105 | | Khuzestan | 190355 | 153260 | 30631 | 6213 | 251 | | Zanjan | 84423 | 76505 | 7657 | 0 | 261 | | Semnan | 38715 | 25176 | 13277 | 0 | 262 | | Sistan & Baluchestan | 169675 | 150426 | 14743 | 4400 | 106 | | Fars | 278397 | 217417 | 51577 | 8835 | 568 | | Qazvin | 80415 | 66142 | 13997 | 0 | 276 | | Qom | 16663 | 12001 | 4556 | 6 | 100 | | Kordestan | 110527 | 93780 | 16623 | 0 | 124 | | Kerman | 258571 | 158625 | 93410 | 5992 | 544 | | Kermanshah | 139355 | 99211 | 37251 | 2609 | 284 | | Kohgiluyeh & Boyerahmad | 59415 | 50731 | 7928 | 621 | 135 | | Golestan | 137147 | 121099 | 15772 | 1 | 275 | | Gilan | 313135 | 251825 | 61016 | 12 | 282 | | Lorestan | 129178 | 100421 | 26203 | 2319 | 235 | | Mazandaran | 332805 | 268966 | 63394 | 1 | 444 | | Markazi | 91394 | 77957 | 13162 | 6 | 269 | | Hormozgan | 96053 | 87129 | 8588 | 281 | 55 | | Hamedan | 142383 | 124441 | 17487 | 191 | 264 | | Yazd | 84690 | 55021 | 29262 | 0 | 407 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 2. AGRICULTURAL HOLDINGS BY TYPE OF HOLDER AND OSTAN, 1382** |
| |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Grand total | | Private settled household | | Unsettled holder | | Private unsettled household | | Registered company or public institution | | | Total | Without land | Total | Without land | Total | Without land | Total | Without land | Total | Without land | | ***Total country*** | ***4332423*** | ***851693*** | ***3471972*** | ***802312*** | ***816104*** | ***12382*** | ***36239*** | ***36236*** | ***8108*** | ***763*** | | East Azarbayejan | 244840 | 26596 | 216961 | 25392 | 26526 | 245 | 932 | 932 | 421 | 27 | | West Azarbayejan | 208288 | 38171 | 176436 | 37601 | 31645 | 541 | 0 | 0 | 207 | 29 | | Ardebil | 111599 | 19744 | 92100 | 18771 | 18524 | 119 | 800 | 800 | 175 | 54 | | Esfahan | 202156 | 28036 | 163471 | 27171 | 37951 | 705 | 118 | 118 | 616 | 42 | | Ilam | 58336 | 10732 | 41535 | 10180 | 16264 | 80 | 437 | 437 | 100 | 35 | | Bushehr | 47813 | 15923 | 39370 | 14493 | 7034 | 67 | 1359 | 1359 | 50 | 4 | | Tehran | 85441 | 12111 | 51064 | 10684 | 33782 | 1361 | 5 | 5 | 590 | 61 | | Chaharmahal & Bakhtiyari | 65811 | 11226 | 60491 | 11183 | 5199 | 20 | 16 | 16 | 105 | 7 | | South Khorasan | 51862 | 14144 | 38979 | 13128 | 12636 | 848 | 167 | 167 | 80 | 1 | | Khorasan-e-Razavi | 397047 | 73748 | 309272 | 72008 | 86905 | 1352 | 353 | 353 | 517 | 35 | | North Khorasan | 82988 | 13352 | 69432 | 12877 | 13104 | 121 | 348 | 347 | 105 | 6 | | Khuzestan | 191810 | 64399 | 154708 | 57645 | 30631 | 516 | 6219 | 6217 | 251 | 20 | | Zanjan | 85657 | 11256 | 77739 | 11191 | 7657 | 48 | 0 | 0 | 261 | 17 | | Semnan | 38934 | 6919 | 25395 | 6122 | 13277 | 758 | 0 | 0 | 262 | 39 | | Sistan & Baluchestan | 169757 | 87374 | 150508 | 82543 | 14743 | 421 | 4400 | 4400 | 106 | 10 | | Fars | 277023 | 71813 | 215985 | 62199 | 51577 | 687 | 8894 | 8894 | 568 | 34 | | Qazvin | 80823 | 7532 | 66550 | 7418 | 13997 | 88 | 0 | 0 | 276 | 26 | | Qom | 16685 | 5396 | 12023 | 4759 | 4556 | 612 | 6 | 6 | 100 | 19 | | Kordestan | 112634 | 15784 | 95887 | 15696 | 16623 | 73 | 0 | 0 | 124 | 15 | | Kerman | 258633 | 48030 | 158687 | 41311 | 93410 | 715 | 5992 | 5992 | 544 | 12 | | Kermanshah | 143145 | 22317 | 102848 | 19365 | 37251 | 151 | 2762 | 2762 | 284 | 39 | | Kohgiluyeh & Boyerahmad | 60643 | 11880 | 51959 | 11155 | 7928 | 76 | 621 | 621 | 135 | 28 | | Golestan | 140073 | 40166 | 124025 | 39820 | 15772 | 296 | 1 | 1 | 275 | 49 | | Gilan | 317035 | 31352 | 255725 | 30698 | 61016 | 622 | 12 | 12 | 282 | 20 | | Lorestan | 130888 | 18829 | 102131 | 16353 | 26203 | 142 | 2319 | 2319 | 235 | 15 | | Mazandaran | 336532 | 49844 | 272693 | 49180 | 63394 | 621 | 1 | 1 | 444 | 42 | | Markazi | 91575 | 12463 | 78138 | 12192 | 13162 | 252 | 6 | 6 | 269 | 13 | | Hormozgan | 96427 | 46666 | 87503 | 46223 | 8588 | 162 | 281 | 281 | 55 | 0 | | Hamedan | 142879 | 21904 | 124938 | 21627 | 17487 | 58 | 191 | 191 | 264 | 29 | | Yazd | 85087 | 13987 | 55418 | 13327 | 29262 | 625 | 0 | 0 | 407 | 35 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 3. AGRICULTURAL HOLDINGS BY TYPE OF ACTIVITY AND OSTAN, 1382** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Farming | Horticulture(1) | Greenhouse production | Raising of poultry | Raising of honeybee | Raising of large livestock | Raising of small livestock | Raising of silkworm | | ***Total country*** | ***2821560*** | ***2276452*** | ***8511*** | ***2185600*** | ***75182*** | ***1286476*** | ***1559001*** | ***46948*** | | East Azarbayejan | 184989 | 139145 | 85 | 131200 | 12943 | 98534 | 100610 | 527 | | West Azarbayejan | 152057 | 91896 | 33 | 123108 | 5506 | 98669 | 67111 | 0 | | Ardebil | 86850 | 55449 | 23 | 71525 | 2852 | 48156 | 38708 | 0 | | Esfahan | 144732 | 109991 | 1423 | 77674 | 2606 | 55670 | 50107 | 21 | | Ilam | 46777 | 11889 | 45 | 26902 | 842 | 14636 | 23824 | 0 | | Bushehr | 22164 | 30521 | 11 | 26569 | 151 | 10692 | 24429 | 0 | | Tehran | 29974 | 57654 | 1001 | 19071 | 1135 | 13040 | 11828 | 2 | | Chaharmahal & Bakhtiyari | 46961 | 29729 | 37 | 35240 | 1349 | 28351 | 22028 | 0 | | South Khorasan | 34519 | 25951 | 19 | 25117 | 70 | 10990 | 35930 | 38 | | Khorasan-e-Razavi | 284319 | 168553 | 206 | 174114 | 1396 | 79502 | 189702 | 5842 | | North Khorasan | 60859 | 43086 | 12 | 41266 | 682 | 22989 | 40393 | 1421 | | Khuzestan | 116655 | 50644 | 123 | 109374 | 778 | 88637 | 73567 | 0 | | Zanjan | 62031 | 54874 | 39 | 50301 | 3781 | 32954 | 40624 | 5 | | Semnan | 21991 | 21233 | 109 | 13193 | 316 | 7697 | 14942 | 17 | | Sistan & Baluchestan | 69627 | 51407 | 173 | 83597 | 34 | 33445 | 134235 | 0 | | Fars | 163090 | 130523 | 105 | 140887 | 5082 | 48586 | 94997 | 20 | | Qazvin | 46900 | 60738 | 53 | 28436 | 1257 | 26523 | 23946 | 0 | | Qom | 7125 | 9028 | 27 | 7004 | 150 | 4456 | 6005 | 0 | | Kordestan | 87527 | 58967 | 27 | 57133 | 8083 | 51627 | 55737 | 0 | | Kerman | 92099 | 183702 | 701 | 88475 | 1211 | 53338 | 95261 | 5 | | Kermanshah | 110666 | 40487 | 48 | 62710 | 3165 | 42023 | 47240 | 1 | | Kohgiluyeh & Boyerahmad | 45269 | 22834 | 15 | 38219 | 2346 | 19508 | 27652 | 0 | | Golestan | 96968 | 70343 | 64 | 70504 | 2943 | 56370 | 39540 | 6646 | | Gilan | 256736 | 234762 | 284 | 219196 | 4056 | 108765 | 16673 | 25667 | | Lorestan | 109590 | 34120 | 53 | 73425 | 2084 | 46138 | 49672 | 0 | | Mazandaran | 230948 | 206425 | 2394 | 213605 | 4092 | 67175 | 35458 | 6612 | | Markazi | 60548 | 65018 | 597 | 37855 | 2064 | 36271 | 38823 | 0 | | Hormozgan | 11984 | 62845 | 11 | 32688 | 22 | 26554 | 66962 | 0 | | Hamedan | 93953 | 87616 | 50 | 69556 | 3326 | 45534 | 57945 | 0 | | Yazd | 43654 | 67022 | 747 | 37657 | 863 | 9645 | 35052 | 125 | |
| *1. Also includes holdings with no orchard but scattered trees.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 4. AGRICULTURAL HOLDINGS OWNED BY NATURAL PERSONS BY LITERACY** **STATUS, EDUCATIOANL DEGREE AND AGE OF HOLDER, 1382** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Age group of holder | Illiterate | Literate by educational degree. | | | | | | Total | Primary and non-official | Lower and upper secondary | Agricultural associate degree and higher | Non-agricultural associate degree  and higher | | ***Total*** | ***1961220*** | ***2363094*** | ***1489621*** | ***739435*** | ***34827*** | ***99212*** | | Under 15 years | 153 | 1209 | 538 | 671 | 0 | 0 | | 15-19 years | 2003 | 16203 | 5468 | 10501 | 113 | 121 | | 20-24 years | 12358 | 90585 | 36981 | 49957 | 1422 | 2225 | | 25-29 years | 35705 | 234362 | 107965 | 113415 | 3906 | 9075 | | 30-34 years | 70688 | 330223 | 177033 | 131982 | 5656 | 15552 | | 35-39 years | 97706 | 338727 | 191284 | 126364 | 5465 | 15613 | | 40-44 years | 174153 | 378251 | 227612 | 126150 | 6254 | 18235 | | 45-49 years | 189331 | 308914 | 208121 | 80470 | 5008 | 15315 | | 50-54 years | 243119 | 236594 | 176232 | 46908 | 3338 | 10116 | | 55-59 years | 176504 | 127245 | 100861 | 20355 | 1389 | 4640 | | 60-64 years | 314311 | 127490 | 105797 | 16408 | 1171 | 4113 | | 65-69 years | 210383 | 71794 | 61576 | 7742 | 533 | 1943 | | 70-74 years | 242790 | 58573 | 51761 | 5080 | 347 | 1385 | | 75-79 years | 92194 | 23565 | 21163 | 1874 | 111 | 416 | | 80 years and over | 99823 | 19360 | 17229 | 1556 | 113 | 462 | |
| *Source: Statistical Centre of Iran.* |
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| **4.5. AGRICULTURAL HOLDINGS OWNED BY NATURAL PERSONS BY LITERACY STATUS, EDUCATIOANL DEGREE OF HOLDER AND OSTAN 1382** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Ostan | Illiterate | Literate by educational degree | | | | | | Total | Primary and non-official | Lower and upper secondary | Agricultural associate degree and higher | Non-agricultural associate degree and higher | | ***Total country*** | ***1961220*** | ***2363095*** | ***1489621*** | ***739435*** | ***34827*** | ***99212*** | | East Azarbayejan | 121845 | 122574 | 89172 | 28344 | 1226 | 3832 | | West Azarbayejan | 110583 | 97499 | 64168 | 29352 | 1351 | 2629 | | Ardebil | 57002 | 54422 | 38073 | 14028 | 735 | 1585 | | Esfahan | 76764 | 124776 | 83070 | 35232 | 1732 | 4742 | | Ilam | 29519 | 28717 | 17846 | 8935 | 578 | 1358 | | Bushehr | 20425 | 27338 | 15986 | 9566 | 540 | 1247 | | Tehran | 21146 | 63705 | 31670 | 23959 | 1616 | 6460 | | Chaharmahal & Bakhtiyari | 31707 | 34000 | 23369 | 8864 | 524 | 1243 | | South Khorasan | 25127 | 26655 | 19524 | 5692 | 221 | 1218 | | Khorasan-e-Razavi | 162316 | 234215 | 173391 | 51332 | 2617 | 6874 | | North Khorasan | 39226 | 43657 | 32336 | 9948 | 471 | 901 | | Khuzestan | 106571 | 84984 | 53393 | 28292 | 1250 | 2050 | | Zanjan | 39617 | 45780 | 35572 | 8781 | 346 | 1081 | | Semnan | 14487 | 24185 | 15049 | 7774 | 361 | 1001 | | Sistan & Baluchestan | 111851 | 57800 | 34216 | 21297 | 939 | 1348 | | Fars | 108087 | 168368 | 102233 | 56395 | 2536 | 7204 | | Qazvin | 31332 | 49215 | 33494 | 13401 | 517 | 1803 | | Qom | 6707 | 9878 | 6670 | 2640 | 145 | 422 | | Kordestan | 65186 | 47324 | 35527 | 10640 | 454 | 703 | | Kerman | 124781 | 133308 | 76816 | 46862 | 2960 | 6671 | | Kermanshah | 72788 | 70073 | 44658 | 22298 | 1010 | 2107 | | Kohgiluyeh & Boyerahmad | 30166 | 30343 | 14677 | 12143 | 640 | 2883 | | Golestan | 55671 | 84127 | 46544 | 32032 | 1331 | 4221 | | Gilan | 124592 | 192161 | 97611 | 83402 | 2816 | 8332 | | Lorestan | 68857 | 61795 | 39421 | 19305 | 803 | 2266 | | Mazandaran | 119180 | 216908 | 102557 | 92145 | 4559 | 17647 | | Markazi | 39876 | 51430 | 37532 | 12125 | 518 | 1256 | | Hormozgan | 51246 | 45126 | 31863 | 11889 | 539 | 835 | | Hamedan | 63798 | 78818 | 58338 | 18333 | 714 | 1433 | | Yazd | 30764 | 53915 | 34847 | 14431 | 776 | 3861 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 6. AGRICULTURAL LANDS AREA ON HOLDINGS WITH CROPLAND BY SIZE: 1382 (ha)** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Size of agricultural lands | Total | | Land under annual crops | | Fallow | | Orchards and nurseries | | | Number of holdings | Area | Number of holdings | Area | Number of holdings | Area | Number of holdings | Area | | ***Total*** | ***3480729*** | ***17665198*** | ***2639486*** | ***11647027*** | ***998312*** | ***4550142*** | ***1651046*** | ***1468034*** | | Total< 1 ha | 1205032 | 407070 | 640707 | 215127 | 126663 | 28425 | 729242 | 163519 | | < 1.oha | 226385 | 9889 | 65073 | 2145 | 15621 | 665 | 163492 | 7079 | | 0.1 - < 0.2 ha | 183226 | 23398 | 71903 | 7755 | 15907 | 1378 | 124046 | 14266 | | 0.2 - < 0.5 ha | 402383 | 121845 | 232139 | 60170 | 41968 | 7578 | 230419 | 54097 | | 0.5 - < 1 ha | 393039 | 251938 | 271592 | 145057 | 53167 | 18804 | 211285 | 88077 | | Total of 1- < 5 ha | 1319962 | 3032220 | 1094825 | 2077276 | 353153 | 458891 | 559388 | 496052 | | 1 - < 2 ha | 522956 | 655129 | 401264 | 418448 | 96816 | 67057 | 247720 | 169623 | | 2 - < 3 ha | 355372 | 781006 | 298617 | 535538 | 95209 | 109863 | 143436 | 135606 | | 3 - < 4 ha | 247480 | 787403 | 218447 | 552111 | 83916 | 129313 | 97051 | 105979 | | 4 - < 5 ha | 194153 | 808682 | 176497 | 571179 | 77212 | 152659 | 71182 | 84844 | | Total of 5 - < 20 ha | 786336 | 7019167 | 741240 | 4847848 | 406597 | 1706752 | 297119 | 464570 | | 5 - < 7.5 ha | 349641 | 2044905 | 324815 | 1448295 | 158624 | 426577 | 127178 | 170033 | | 7.5 - < 10 ha | 141515 | 1185987 | 134524 | 823396 | 75658 | 275646 | 58335 | 86948 | | 10 - < 15 ha | 208602 | 2373210 | 198636 | 1625566 | 118493 | 610697 | 77216 | 136947 | | 15 - < 20 ha | 86577 | 1415065 | 83264 | 950591 | 53822 | 393832 | 34390 | 70642 | | Total of 20 - < 50 ha | 135649 | 3736337 | 130479 | 2437965 | 88355 | 1139218 | 51958 | 159157 | | 20 - < 25 ha | 61112 | 1293279 | 58649 | 860538 | 38323 | 376598 | 22271 | 56146 | | 25 - < 35 ha | 48499 | 1395512 | 46749 | 907338 | 32122 | 428943 | 19210 | 59231 | | 35 - < 50 ha | 26038 | 1047547 | 25081 | 670089 | 17910 | 333677 | 10476 | 43780 | | Total of 50 ha and over | 33750 | 3470405 | 32235 | 2068811 | 23543 | 1216857 | 13339 | 184737 | | 50 - < 100 ha | 24576 | 1547657 | 23541 | 966611 | 16884 | 514306 | 9513 | 66740 | | 100 - < 200 ha | 6723 | 836590 | 6390 | 501513 | 4792 | 291370 | 2723 | 43707 | | 200 - < 500 ha | 2021 | 544556 | 1906 | 301703 | 1531 | 213667 | 861 | 29186 | | 500 - < 1000 ha | 312 | 196293 | 289 | 97152 | 247 | 82119 | 173 | 17022 | | 1000 - < 2000 ha | 73 | 91779 | 69 | 39150 | 60 | 41794 | 41 | 10836 | | 2000 ha and over | 45 | 253529 | 39 | 162683 | 29 | 73601 | 27 | 17246 | |
| *Source: Statistical Centre of Iran.* |

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| **4. 7. AGRICULTURAL LANDS AREA ON HOLDINGS WITH CROPLAND BY OSTAN, 1382** **(ha)** | |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Total | | Land under annual crops | | Fallow | | Orchards and nurseries | | | Number of holdings | Area | Number of holdings | Area | Number of holdings | Area | Number of holdings | Area | | | ***Total country*** | ***3480729*** | ***17665198*** | ***2639486*** | ***11647027*** | ***998312*** | ***4550142*** | ***1651046*** | ***1468034*** | | | East Azarbayejan | 218244 | 1319713 | 168581 | 797932 | 99600 | 445654 | 105563 | 76127 | | | West Azarbayejan | 170117 | 887187 | 143151 | 687437 | 33786 | 123645 | 71440 | 76106 | | | Ardebil | 91855 | 731167 | 82456 | 515619 | 37682 | 190663 | 23429 | 24888 | | | Esfahan | 174120 | 423858 | 132261 | 226336 | 69158 | 154651 | 82976 | 42871 | | | Ilam | 47604 | 322655 | 44921 | 248648 | 11993 | 69409 | 4861 | 4598 | | | Bushehr | 31890 | 348641 | 20199 | 261217 | 7063 | 61720 | 18310 | 25704 | | | Tehran | 73330 | 221256 | 27496 | 128602 | 8586 | 50675 | 53797 | 41979 | | | Chaharmahal & Bakhtiyari | 54586 | 194813 | 46337 | 134016 | 13583 | 44679 | 24277 | 16118 | | | South Khorasan | 37719 | 149653 | 29301 | 57425 | 25930 | 80451 | 19603 | 11777 | | | Khorasan-e-Razavi | 323300 | 2225941 | 269412 | 1380924 | 143059 | 726027 | 139199 | 118993 | | | North Khorasan | 69637 | 473669 | 57914 | 295484 | 27942 | 150908 | 35247 | 27277 | | | Khuzestan | 127411 | 1266123 | 112845 | 1135526 | 11829 | 103098 | 23670 | 27499 | | | Zanjan | 74402 | 737997 | 59140 | 424751 | 38127 | 280535 | 49133 | 32712 | | | Semnan | 32015 | 153826 | 20183 | 83219 | 11289 | 50380 | 18996 | 20228 | | | Sistan & Baluchestan | 82383 | 245328 | 45286 | 102738 | 47402 | 113841 | 24688 | 28749 | | | Fars | 205210 | 1254511 | 150890 | 781260 | 67230 | 329640 | 90604 | 143611 | | | Qazvin | 73290 | 413895 | 42231 | 211345 | 28119 | 155386 | 58023 | 47165 | | | Qom | 11289 | 80662 | 6007 | 42817 | 4838 | 29271 | 8130 | 8575 | | | Kordestan | 96850 | 940609 | 83826 | 621936 | 42916 | 297426 | 44127 | 21247 | | | Kerman | 210603 | 667633 | 72813 | 197369 | 53173 | 157609 | 178044 | 312655 | | | Kermanshah | 120827 | 751012 | 108474 | 661456 | 18664 | 68321 | 31393 | 21235 | | | Kohgiluyeh & Boyerahmad | 48764 | 157251 | 42833 | 115541 | 12735 | 30166 | 13029 | 11545 | | | Golestan | 99907 | 538967 | 96080 | 513314 | 2792 | 13382 | 10510 | 12271 | | | Gilan | 285683 | 253403 | 253743 | 188269 | 8301 | 10187 | 112819 | 54946 | | | Lorestan | 112059 | 768924 | 107756 | 649649 | 24827 | 99846 | 24032 | 19429 | | | Mazandaran | 286688 | 360657 | 224313 | 273471 | 14166 | 22337 | 137310 | 64849 | | | Markazi | 79112 | 670852 | 56811 | 327394 | 44290 | 308096 | 60853 | 35362 | | | Hormozgan | 49761 | 129147 | 9636 | 46427 | 5505 | 26948 | 45609 | 55772 | | | Hamedan | 120975 | 844580 | 89359 | 500169 | 57244 | 313981 | 81005 | 30430 | | | Yazd | 71099 | 131265 | 35230 | 36736 | 26483 | 41211 | 60367 | 53318 | | |

*Source: Statistical Centre of Iran.*

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| **4. 8. AGRICULTURAL LANDS AREA ON HOLDINGS WITH IRRIGATED CROPLAND BY** |
| **OSTAN, 1382 (ha)** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Total | | Land under annual crops | | Fallow | | Orchards and nurseries | | | Number of holdings | Area | Number of holdings | Area | Number of holdings | Area | Number of holdings | Area | | ***Total country*** | ***2828646*** | ***8297031*** | ***1961023*** | ***5141157*** | ***619151*** | ***1873689*** | ***1450767*** | ***1282188*** | | East Azarbayejan | 179631 | 378825 | 115006 | 240287 | 33047 | 62925 | 105281 | 75613 | | West Azarbayejan | 141322 | 379541 | 109009 | 278774 | 13705 | 31473 | 66588 | 69294 | | Ardebil | 60784 | 221725 | 47472 | 174331 | 8287 | 22585 | 23267 | 24812 | | Esfahan | 173101 | 372699 | 130240 | 200297 | 66562 | 130013 | 82878 | 42389 | | Ilam | 18333 | 76188 | 14745 | 64561 | 1659 | 7055 | 4845 | 4572 | | Bushehr | 16668 | 70151 | 5696 | 35683 | 2382 | 11236 | 13385 | 23233 | | Tehran | 73140 | 211912 | 27202 | 124037 | 8093 | 45910 | 53744 | 41964 | | Chaharmahal & Bakhtiyari | 46076 | 107202 | 36259 | 67969 | 8920 | 23211 | 24227 | 16022 | | South Khorasan | 35899 | 78756 | 26257 | 33772 | 20919 | 37555 | 19093 | 7428 | | Khorasan-e-Razavi | 276689 | 1138514 | 218750 | 670876 | 109841 | 381920 | 127850 | 85718 | | North Khorasan | 54374 | 197095 | 38214 | 118112 | 12274 | 59497 | 31686 | 19486 | | Khuzestan | 77920 | 690764 | 61675 | 602858 | 6392 | 61387 | 23602 | 26519 | | Zanjan | 64703 | 155194 | 43368 | 95456 | 11859 | 27509 | 47857 | 32229 | | Semnan | 30074 | 131298 | 18199 | 65011 | 10644 | 46070 | 18989 | 20218 | | Sistan & Baluchestan | 77012 | 225104 | 43714 | 99283 | 42945 | 101689 | 23974 | 24131 | | Fars | 169408 | 890838 | 123156 | 552577 | 50844 | 228735 | 76170 | 109526 | | Qazvin | 69486 | 249657 | 33389 | 130498 | 17792 | 72325 | 57604 | 46833 | | Qom | 11252 | 78520 | 5937 | 41677 | 4769 | 28278 | 8127 | 8565 | | Kordestan | 70660 | 127852 | 53455 | 97653 | 11275 | 15680 | 33496 | 14519 | | Kerman | 210449 | 662305 | 72580 | 195794 | 52853 | 155421 | 177861 | 311091 | | Kermanshah | 62727 | 161132 | 43168 | 121309 | 8550 | 20236 | 30421 | 19587 | | Kohgiluyeh & Boyerahmad | 27155 | 37988 | 19584 | 23609 | 3423 | 4537 | 12734 | 9842 | | Golestan | 52989 | 188484 | 49289 | 177641 | 987 | 2195 | 6489 | 8648 | | Gilan | 223364 | 172851 | 211459 | 162582 | 695 | 595 | 18447 | 9674 | | Lorestan | 68282 | 199113 | 59814 | 159470 | 10463 | 20478 | 23952 | 19165 | | Mazandaran | 238372 | 231175 | 192511 | 185292 | 3471 | 3174 | 99865 | 42709 | | Markazi | 75186 | 317791 | 49549 | 151180 | 33721 | 131883 | 59760 | 34728 | | Hormozgan | 42655 | 118028 | 8646 | 44074 | 4511 | 23069 | 38875 | 50884 | | Hamedan | 109856 | 296090 | 67665 | 190222 | 31902 | 76281 | 79339 | 29587 | | Yazd | 71080 | 130238 | 35017 | 36271 | 26368 | 40764 | 60362 | 53203 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 9. AGRICULTURAL LANDS AREA ON HOLDINGS WITH RAINFED CROPLAND BY OSTAN, 1382** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Total | | Land under annual crops | | Fallow | | Orchards and nurseries | | | Number of holdings | Area | Number of holdings | Area | Number of holdings | Area | Number of holdings | Area | | ***Total country*** | ***1515685*** | ***9368167*** | ***1266026*** | ***6505870*** | ***502908*** | ***2676453*** | ***232938*** | ***185846*** | | East Azarbayejan | 115532 | 940888 | 100095 | 557645 | 80993 | 382728 | 699 | 514 | | West Azarbayejan | 81704 | 507647 | 71647 | 408663 | 24309 | 92172 | 6174 | 6812 | | Ardebil | 61617 | 509442 | 56223 | 341288 | 33119 | 168078 | 176 | 76 | | Esfahan | 10734 | 51159 | 8304 | 26039 | 5880 | 24638 | 271 | 482 | | Ilam | 41124 | 246467 | 38745 | 184087 | 10864 | 62354 | 20 | 25 | | Bushehr | 19633 | 278489 | 16089 | 225534 | 5058 | 50484 | 4985 | 2471 | | Tehran | 1493 | 9345 | 804 | 4568 | 830 | 4765 | 61 | 15 | | Chaharmahal & Bakhtiyari | 28268 | 87611 | 26526 | 66047 | 7118 | 21468 | 111 | 96 | | South Khorasan | 15203 | 70898 | 8253 | 23654 | 11367 | 42896 | 3950 | 4349 | | Khorasan-e-Razavi | 132012 | 1087427 | 106251 | 710048 | 57600 | 344107 | 17945 | 33275 | | North Khorasan | 42451 | 276573 | 36866 | 177372 | 19320 | 91411 | 5209 | 7791 | | Khuzestan | 63686 | 575359 | 61498 | 532668 | 5804 | 41711 | 72 | 980 | | Zanjan | 45174 | 582803 | 40154 | 329295 | 33961 | 253025 | 1825 | 483 | | Semnan | 3055 | 22528 | 2833 | 18208 | 828 | 4310 | 10 | 10 | | Sistan & Baluchestan | 6420 | 20225 | 1681 | 3455 | 4874 | 12152 | 765 | 4618 | | Fars | 66842 | 363672 | 45589 | 228682 | 20229 | 100905 | 16790 | 34085 | | Qazvin | 21677 | 164239 | 15392 | 80847 | 15296 | 83060 | 1192 | 331 | | Qom | 345 | 2143 | 230 | 1140 | 248 | 993 | 11 | 10 | | Kordestan | 79273 | 812758 | 68879 | 524283 | 37375 | 281747 | 15301 | 6728 | | Kerman | 2053 | 5327 | 966 | 1575 | 1113 | 2188 | 519 | 1564 | | Kermanshah | 98806 | 589879 | 95400 | 540147 | 11579 | 48085 | 2493 | 1648 | | Kohgiluyeh & Boyerahmad | 35707 | 119263 | 32621 | 91932 | 10296 | 25628 | 442 | 1703 | | Golestan | 62640 | 350483 | 60632 | 335673 | 1875 | 11187 | 4110 | 3623 | | Gilan | 192059 | 80551 | 143843 | 25687 | 7726 | 9592 | 96119 | 45272 | | Lorestan | 91723 | 569811 | 88325 | 490179 | 19573 | 79368 | 173 | 265 | | Mazandaran | 100554 | 129483 | 61121 | 88178 | 11136 | 19163 | 42032 | 22141 | | Markazi | 29036 | 353061 | 24211 | 176214 | 22248 | 176213 | 1862 | 634 | | Hormozgan | 8166 | 11120 | 1133 | 2353 | 1154 | 3879 | 6927 | 4888 | | Hamedan | 58188 | 548490 | 51381 | 309947 | 40900 | 237700 | 2579 | 843 | | Yazd | 509 | 1027 | 332 | 465 | 237 | 447 | 117 | 115 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 10. NUMBER, AREA UNDER CULTIVATION AND PRODUCTION OF ANNUAL CROPS OF AGRICULTURAL HOLDINGS IN OPEN AIR BY CROP 1382 (ha; ton)** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Crop | Total | | | Irrigated | | | Rainfed | | | | Number of holdings | Area | Production | Number of holdings | Area | Production | Number of holdings | Area | Production | | Wheat | 1660970 | 6941286 | 11676252 | 957585 | 2427916 | 7511968 | 915574 | 4513370 | 4164284 | | Barley | 860964 | 1817572 | 2631691 | 447891 | 606165 | 1624515 | 453163 | 1211407 | 1007176 | | Rice (paddy) | 517272 | 465453 | 1819990 | 517272 | 465453 | 1819990 | 0 | 0 | 0 | | Grain corn | 66280 | 178606 | 1232993 | 57240 | 177918 | 1231665 | 9061 | 688 | 1327 | | Sugar beets | 107440 | 199298 | 5729105 | 107440 | 199298 | 5729105 | 0 | 0 | 0 | | Cotton | 76903 | 118853 | 264465 | 67901 | 109575 | 253453 | 9244 | 9278 | 11012 | | Saffron(1) | 105743 | 42452 | 157829 | 105705 | 42431 | 157793 | 41 | 21 | 35 | | Beans, dry | 181114 | 88155 | 154791 | 116128 | 84296 | 150794 | 65041 | 3859 | 3997 | | Peas, dry | 217007 | 458861 | 196675 | 24317 | 14407 | 12869 | 194582 | 444454 | 183806 | | Lentils | 125021 | 154494 | 75210 | 21079 | 9080 | 7813 | 104719 | 145414 | 67397 | | Broad beans, dry | 70345 | 9573 | 19759 | 17293 | 7398 | 15159 | 53058 | 2176 | 4600 | | Vetch | 14831 | 16167 | 11661 | 12587 | 12514 | 10201 | 2275 | 3652 | 1460 | | Rapeseed | 22336 | 48000 | 76430 | 7294 | 17557 | 31205 | 15184 | 30442 | 45225 | | Sunflower oil seed | 15477 | 33103 | 37448 | 10371 | 17239 | 25777 | 5266 | 15863 | 11671 | | Watermelons | 75601 | 98529 | 1210630 | 52075 | 73585 | 1127617 | 23779 | 24944 | 83013 | | Cucumber | 167185 | 46555 | 677442 | 95593 | 45825 | 672313 | 71602 | 730 | 5129 | | Cantaloupes and other melons | 55112 | 76102 | 819175 | 47586 | 71804 | 810074 | 7610 | 4297 | 9101 | | Alfalfa and sainfoin, dry | 544339 | 550119 | 2933710 | 529564 | 498978 | 2845170 | 25442 | 51142 | 88540 | | Clover, dry | 67768 | 31410 | 137775 | 59220 | 25811 | 115475 | 8595 | 5599 | 22299 | | Forage corn | 32567 | 65444 | 2422988 | 29441 | 62408 | 2392456 | 3131 | 3035 | 30532 | | Potatoes | 162560 | 116694 | 2392264 | 138619 | 114248 | 2378418 | 23984 | 2445 | 13845 | | Onions | 108816 | 34161 | 799461 | 90538 | 33228 | 793428 | 18286 | 933 | 6033 | | Tomatoes | 240608 | 101654 | 2487537 | 181398 | 100249 | 2473946 | 59229 | 1406 | 13590 | | Garlic, dry | 74541 | 4136 | 29625 | 15408 | 3147 | 28070 | 59134 | 990 | 1556 | | Carrots, radishes, turnips and sweet beets | 100403 | 9697 | 250430 | 43032 | 9259 | 245953 | 57374 | 438 | 4477 | |
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| **4. 10. NUMBER, AREA UNDER CULTIVATION AND PRODUCTION OF ANNUAL CROPS OF AGRICULTURAL HOLDINGS IN OPEN AIR BY CROP, 1382 (continued) (ha; ton)** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Crop | Total | | | Irrigated | | | Rainfed | | | | Number of holdings | Area | Production | Number of holdings | Area | Production | Number of holdings | Area | Production | | Other vegetables(2) | 240325 | 54852 | 1077530 | 101723 | 49726 | 1028098 | 138715 | 5127 | 49432 | | Tobacco | 8547 | 5763 | 6724 | 4685 | 3324 | 4031 | 3867 | 2439 | 2693 | | Tobacco leaves | 6759 | 3181 | 6014 | 6752 | 3179 | 6013 | 7 | 2 | 1 | | Annual ornamentals | 3823 | 903 | - | 2381 | 867 | - | 1443 | 36 | - | | Millet | 10022 | 6681 | 13798 | 9093 | 5877 | 13275 | 930 | 804 | 522 | | Peanut | 3323 | 1337 | 3587 | 280 | 244 | 764 | 3044 | 1093 | 2841 | | Hawknut | 26728 | 52320 | 15909 | 19135 | 32238 | 12843 | 8051 | 20081 | 3066 | | Henna | 3579 | 4011 | 7730 | 3577 | 4010 | 7730 | 2 |  |  | | Madder | 974 | 293 | 995 | 973 | 292 | 995 | 1 |  |  | | Sunflower grown for edible seeds | 32391 | 30279 | 46175 | 29906 | 29007 | 45615 | 2526 | 1272 | 560 | | Watermelon grown for edible seeds | 20182 | 52666 | 9370 | 7477 | 13529 | 4543 | 13176 | 39137 | 4827 | | Pumpkins grown for edible seeds | 11202 | 15550 | 5930 | 10197 | 14525 | 5309 | 1012 | 1025 | 621 | | Hemp | 538 | 158 | 107 | 530 | 151 | 104 | 8 | 7 | 3 | | Fennel-flower | 2850 | 4221 | 2684 | 606 | 528 | 695 | 2254 | 3693 | 1989 | | Seed watermelon | 828 | 1532 | 578 | 595 | 782 | 434 | 264 | 750 | 145 | | Seed alfalfa | 536 | 786 | 519 | 516 | 706 | 493 | 20 | 79 | 26 | | Seed onion | 252 | 55 | 43 | 194 | 54 | 42 | 58 | 2 | 1 | | Seed coriander | 2707 | 2309 | 4197 | 2699 | 2304 | 4192 | 9 | 5 | 5 | | Soybeans | 28624 | 54319 | 109634 | 14392 | 38160 | 83366 | 14387 | 16159 | 26268 | | Fodder beets | 10144 | 1214 | 23873 | 10142 | 1214 | 23863 | 2 |  |  | | Seed sugar beets | 1551 | 2268 | 3485 | 1551 | 2268 | 3485 | 0 | 0 | 0 | |
| *1. Production unit: kilograms.* |
| *2. Includes eggplant, pumpkins, squash, gourds, garden peas, green beans, lettuce, cabbages, celery, spinach, parsley, coriander, garden-cress, leek, basil, peppermint, tarragon, trigonella, savory, asparagus, garlic (green), scallion, okra, pepper, garden radish, dill, endive, artichoke, etc.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 11. AREA UNDER CULTIVATION, PRODUCTION AND YIELD OF WHEAT IN OPEN AIR BY OSTAN, 1382** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Area under cultivation (ha) | | | Production (ton) | | | Yield per hectare (kg) | | | | Total | Irrigated | Rainfed | Total | Irrigated | Rainfed | Total | Irrigated | Rainfed | | | ***Total country*** | ***6941286*** | ***2427916*** | ***4513370*** | ***11676252*** | ***7511968*** | ***4164284*** | ***1682*** | ***3094*** | ***923*** | | | East Azarbayejan | 459820 | 98967 | 360854 | 544397 | 233331 | 311067 | 1184 | 2358 | 862 | | | West Azarbayejan | 403395 | 130814 | 272580 | 641388 | 341788 | 299600 | 1590 | 2613 | 1099 | | | Ardebil | 313445 | 77449 | 235995 | 494409 | 257090 | 237319 | 1577 | 3319 | 1006 | | | Esfahan | 97263 | 78546 | 18717 | 348123 | 331358 | 16765 | 3579 | 4219 | 896 | | | Ilam | 161210 | 56629 | 104581 | 164599 | 114529 | 50070 | 1021 | 2022 | 479 | | | Bushehr | 213497 | 19283 | 194215 | 62387 | 34875 | 27512 | 292 | 1809 | 142 | | | Tehran | 45303 | 42605 | 2698 | 193856 | 190143 | 3713 | 4279 | 4463 | 1376 | | | Chaharmahal & Bakhtiyari | 73730 | 28737 | 44992 | 160205 | 93080 | 67125 | 2173 | 3239 | 1492 | | | South Khorasan | 31996 | 13536 | 18460 | 27716 | 24958 | 2758 | 866 | 1844 | 149 | | | Khorasan-e-Razavi | 788876 | 268416 | 520460 | 1158971 | 836714 | 322257 | 1469 | 3117 | 619 | | | North Khorasan | 178035 | 65269 | 112766 | 299967 | 173628 | 126339 | 1685 | 2660 | 1120 | | | Khuzestan | 832482 | 441171 | 391310 | 1140754 | 1047206 | 93548 | 1370 | 2374 | 239 | | | Zanjan | 285075 | 22109 | 262965 | 259887 | 57741 | 202146 | 912 | 2612 | 769 | | | Semnan | 34774 | 27387 | 7387 | 105921 | 97806 | 8115 | 3046 | 3571 | 1099 | | | Sistan & Baluchestan | 27828 | 27585 | 242 | 51342 | 51201 | 141 | 1845 | 1856 | 583 | | | Fars | 483999 | 371499 | 112500 | 1698908 | 1603614 | 95294 | 3510 | 4317 | 847 | | | Qazvin | 106518 | 55589 | 50929 | 235778 | 204331 | 31447 | 2214 | 3676 | 617 | | | Qom | 12577 | 11585 | 992 | 45003 | 44487 | 516 | 3578 | 3840 | 520 | | | Kordestan | 459128 | 43754 | 415374 | 538302 | 119023 | 419279 | 1172 | 2720 | 1009 | | | Kerman | 89965 | 89596 | 369 | 239066 | 238727 | 339 | 2657 | 2664 | 919 | | | Kermanshah | 413185 | 85252 | 327933 | 646744 | 291247 | 355498 | 1565 | 3416 | 1084 | | | Kohgiluyeh & Boyerahmad | 67013 | 12427 | 54586 | 78077 | 25720 | 52357 | 1165 | 2070 | 959 | | | Golestan | 345765 | 87099 | 258667 | 937080 | 268871 | 668208 | 2710 | 3087 | 2583 | | | Gilan | 9420 | 320 | 9100 | 10207 | 615 | 9592 | 1084 | 1922 | 1054 | | | Lorestan | 353572 | 96696 | 256876 | 515673 | 241953 | 273720 | 1458 | 2502 | 1066 | | | Mazandaran | 48323 | 1745 | 46577 | 102780 | 3266 | 99514 | 2127 | 1872 | 2137 | | | Markazi | 228327 | 63675 | 164652 | 329467 | 201651 | 127816 | 1443 | 3167 | 776 | | | Hormozgan | 13273 | 12783 | 490 | 46811 | 46490 | 321 | 3527 | 3637 | 655 | | | Hamedan | 343763 | 77673 | 266089 | 530713 | 268808 | 261905 | 1544 | 3461 | 984 | | | Yazd | 19730 | 19717 | 13 | 67722 | 67717 | 4 | 3432 | 3434 | 308 | | |
| *Source: Statistical Centre of Iran.* |
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| **4. 12. AREA UNDER CULTIVATION, PRODUCTION AND YIELD OF BARLEY IN OPEN AIR BY OSTAN, 1382** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Area under cultivation (ha) | | | Production (ton) | | | Yield per hectare (kg) | | | | Total | Irrigated | Rainfed | Total | Irrigated | Rainfed | Total | Irrigated | Rainfed | | ***Total country*** | ***1817572*** | ***606165*** | ***1211407*** | ***2631691*** | ***1624515*** | ***1007176*** | ***1448*** | ***2680*** | ***831*** | | East Azarbayejan | 104352 | 27215 | 77137 | 110591 | 51554 | 59038 | 1060 | 1894 | 765 | | West Azarbayejan | 59407 | 19265 | 40142 | 82720 | 42571 | 40150 | 1392 | 2210 | 1000 | | Ardebil | 73654 | 21019 | 52635 | 88353 | 38859 | 49494 | 1200 | 1849 | 940 | | Esfahan | 45100 | 39375 | 5724 | 152323 | 148431 | 3892 | 3377 | 3770 | 680 | | Ilam | 72074 | 2460 | 69615 | 46323 | 2536 | 43787 | 643 | 1031 | 629 | | Bushehr | 34119 | 1383 | 32736 | 8206 | 1579 | 6628 | 241 | 1142 | 202 | | Tehran | 39933 | 38646 | 1286 | 149123 | 147529 | 1594 | 3734 | 3817 | 1240 | | Chaharmahal & Bakhtiyari | 26182 | 6834 | 19348 | 48289 | 19438 | 28851 | 1844 | 2844 | 1491 | | South Khorasan | 7199 | 5454 | 1745 | 10043 | 9792 | 251 | 1395 | 1795 | 144 | | Khorasan-e-Razavi | 243191 | 135828 | 107363 | 420996 | 361455 | 59541 | 1731 | 2661 | 555 | | North Khorasan | 54096 | 25091 | 29005 | 96049 | 63421 | 32628 | 1776 | 2528 | 1125 | | Khuzestan | 171684 | 29979 | 141706 | 108434 | 45775 | 62658 | 632 | 1527 | 442 | | Zanjan | 49539 | 10270 | 39270 | 47065 | 21882 | 25183 | 950 | 2131 | 641 | | Semnan | 16694 | 13659 | 3035 | 49292 | 46288 | 3004 | 2953 | 3389 | 990 | | Sistan & Baluchestan | 10980 | 10901 | 79 | 14662 | 14597 | 64 | 1335 | 1339 | 810 | | Fars | 153226 | 43876 | 109349 | 206973 | 123403 | 83571 | 1351 | 2813 | 764 | | Qazvin | 32136 | 21000 | 11137 | 76045 | 70287 | 5758 | 2366 | 3347 | 517 | | Qom | 17593 | 17538 | 55 | 56699 | 56642 | 57 | 3223 | 3230 | 1036 | | Kordestan | 31992 | 6842 | 25150 | 36167 | 13935 | 22232 | 1131 | 2037 | 884 | | Kerman | 26644 | 25627 | 1018 | 53255 | 52521 | 735 | 1999 | 2049 | 722 | | Kermanshah | 102652 | 7742 | 94910 | 115974 | 20000 | 95973 | 1130 | 2583 | 1011 | | Kohgiluyeh & Boyerahmad | 37627 | 2427 | 35200 | 37441 | 3980 | 33461 | 995 | 1640 | 951 | | Golestan | 79831 | 6397 | 73434 | 138159 | 13546 | 124613 | 1731 | 2118 | 1697 | | Gilan | 5309 | 237 | 5072 | 5513 | 431 | 5083 | 1038 | 1819 | 1002 | | Lorestan | 192423 | 12259 | 180164 | 183974 | 23275 | 160699 | 956 | 1899 | 892 | | Mazandaran | 24650 | 2217 | 22433 | 29469 | 3610 | 25860 | 1195 | 1628 | 1153 | | Markazi | 37784 | 34944 | 2840 | 108671 | 106666 | 2005 | 2876 | 3052 | 706 | | Hormozgan | 3514 | 1725 | 1789 | 4519 | 3711 | 808 | 1286 | 2151 | 452 | | Hamedan | 59277 | 31253 | 28024 | 134268 | 104710 | 29558 | 2265 | 3350 | 1055 | | Yazd | 4708 | 4702 | 6 | 12095 | 12094 | 1 | 2569 | 2572 | 167 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 13. AREA UNDER CULTIVATION, PRODUCTION AND YIELD OF RICE (PADDY) IN OPEN AIR BY OSTAN, 1382** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Area under cultivation (ha) | | | Production (ton) | | | Yield per hectare (kg) | | | | Total | Irrigated | Rainfed | Total | Irrigated | Rainfed | Total | Irrigated | Rainfed | | ***Total country*** | ***465453*** | ***465453*** | ***0*** | ***1819990*** | ***1819990*** | ***0*** | ***3910*** | ***3910*** | ***0*** | | East Azarbayejan | 1610 | 1610 | 0 | 5190 | 5190 | 0 | 3224 | 3224 | 0 | | West Azarbayejan | 162 | 162 | 0 | 684 | 684 | 0 | 4222 | 4222 | 0 | | Ardebil | 589 | 589 | 0 | 1445 | 1445 | 0 | 2453 | 2453 | 0 | | Esfahan | 13850 | 13850 | 0 | 74258 | 74258 | 0 | 5362 | 5362 | 0 | | Ilam | 1863 | 1863 | 0 | 4198 | 4198 | 0 | 2253 | 2253 | 0 | | Bushehr | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Tehran | 86 | 86 | 0 | 363 | 363 | 0 | 4221 | 4221 | 0 | | Chaharmahal & Bakhtiyari | 2628 | 2628 | 0 | 10256 | 10256 | 0 | 3903 | 3903 | 0 | | South Khorasan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Khorasan-e-Razavi | 1341 | 1341 | 0 | 4769 | 4769 | 0 | 3556 | 3556 | 0 | | North Khorasan | 365 | 365 | 0 | 1190 | 1190 | 0 | 3260 | 3260 | 0 | | Khuzestan | 23839 | 23839 | 0 | 68214 | 68214 | 0 | 2861 | 2861 | 0 | | Zanjan | 2507 | 2507 | 0 | 8260 | 8260 | 0 | 3295 | 3295 | 0 | | Semnan |  |  |  |  |  | 0 |  |  | 0 | | Sistan & Baluchestan | 659 | 659 | 0 | 2042 | 2042 | 0 | 3099 | 3099 | 0 | | Fars | 40558 | 40558 | 0 | 185232 | 185232 | 0 | 4567 | 4567 | 0 | | Qazvin | 1346 | 1346 | 0 | 3953 | 3953 | 0 | 2937 | 2937 | 0 | | Qom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Kordestan | 21 | 21 | 0 | 92 | 92 | 0 | 4381 | 4381 | 0 | | Kerman | 6 | 6 | 0 | 20 | 20 | 0 | 3333 | 3333 | 0 | | Kermanshah | 1012 | 1012 | 0 | 2601 | 2601 | 0 | 2570 | 2570 | 0 | | Kohgiluyeh & Boyerahmad | 5982 | 5982 | 0 | 23523 | 23523 | 0 | 3932 | 3932 | 0 | | Golestan | 37735 | 37735 | 0 | 143633 | 143633 | 0 | 3806 | 3806 | 0 | | Gilan | 160099 | 160099 | 0 | 553327 | 553327 | 0 | 3456 | 3456 | 0 | | Lorestan | 3865 | 3865 | 0 | 11254 | 11254 | 0 | 2912 | 2912 | 0 | | Mazandaran | 165301 | 165301 | 0 | 715376 | 715376 | 0 | 4328 | 4328 | 0 | | Markazi | 5 | 5 | 0 | 8 | 8 | 0 | 1600 | 1600 | 0 | | Hormozgan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Hamedan | 13 | 13 | 0 | 49 | 49 | 0 | 3769 | 3769 | 0 | | Yazd | 11 | 11 | 0 | 40 | 40 | 0 | 3636 | 3636 | 0 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 14. NUMBER OF HOLDINGS, PLANTED AREA OF SINGLE CROPS, NUMBER OF TREES AND PRODUCTION OF PERMANENT CROPS IN OPEN AIR BY CROP, 1382** |
| **(ha; 1000 sapling; ton)** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Crop | Total | | Single cropping | | | | | | Number of holdings | Production | Number of holdings | Planted area | Number of trees | | Production | | Productive | Sapling | | Apples | 508254 | 1147386 | 104909 | 98999 | 19400 | 12333 | 915228 | | Pears | 206849 | 75975 | 3226 | 2660 | 858 | 220 | 23912 | | Quinces | 152616 | 23243 | 1872 | 1244 | 454 | 224 | 7104 | | Cherries and sour cherries | 238351 | 79854 | 21491 | 8667 | 3709 | 1220 | 28001 | | Apricots | 366203 | 136551 | 28769 | 13264 | 3113 | 1775 | 42047 | | Peaches and nectarines | 183091 | 210523 | 13194 | 13622 | 4666 | 3498 | 90441 | | Plums | 303582 | 89517 | 18037 | 5691 | 2143 | 779 | 24749 | | Irrigated figs | 171889 | 26041 | 3030 | 1576 | 435 | 136 | 9100 | | Ranifed figs | 140871 | 15444 | 4990 | 10010 | 2181 | 347 | 10098 | | Oranges | 344352 | 735106 | 81732 | 44895 | 10636 | 4105 | 466380 | | Tangerines | 147348 | 270526 | 17502 | 10002 | 2782 | 435 | 132991 | | Lemons | 63131 | 93520 | 2931 | 4946 | 808 | 571 | 43758 | | Limes | 77717 | 154262 | 13687 | 18640 | 1624 | 1894 | 73304 | | Grapefruits | 3755 | 8310 | 82 | 394 | 94 | 12 | 6596 | | Other types of citrus fruit(1) | 116460 | 24899 | 884 | 751 | 190 | 127 | 5750 | | Bananas | 9543 | 51156 | 1113 | 3353 | 2223 | 1202 | 50352 | | Kiwis | 23547 | 53346 | 15351 | 3774 | 1303 | 482 | 51813 | | Olives | 29717 | 27087 | 11271 | 23288 | 1569 | 5336 | 24721 | | Pomegranates | 338980 | 381587 | 77312 | 33173 | 18999 | 2770 | 292187 | | Dates | 265205 | 507852 | 118998 | 123615 | 15525 | 5854 | 371719 | | Irrigated almonds | 257977 | 62686 | 56749 | 44199 | 13507 | 8018 | 35279 | | Rainfed almonds | 35902 | 4264 | 21630 | 37534 | 6472 | 6680 | 2952 | | Walnuts | 705301 | 133210 | 95540 | 54468 | 4392 | 6828 | 46861 | | Hazelnuts | 37985 | 6917 | 12567 | 7763 | 2526 | 743 | 5794 | | Pistachios | 138805 | 307036 | 125323 | 298939 | 220551 | 87150 | 306192 | | Irrigated grapes | 651374 | 1334498 | 415511 | 158172 | 164641 | 17409 | 1269830 | | Rainfed grapes | 128268 | 81282 | 48140 | 35565 | 23321 | 3734 | 74039 | | Strawberries | 12134 | 12376 | 6707 | 1415 | - | - | 10910 | |
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| **4. 14. NUMBER OF HOLDINGS, PLANTED AREA OF SINGLE CROPS, NUMBER OF TREES AND PRODUCTION OF PERMANENT CROPS IN OPEN AIR BY CROP1382 (continued)** **(ha; 1000 sapling; ton)** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Crop | Mixed cropping | | | | Scattered trees | | | | | Number of holdings | Number of trees | | Production | Number of holdings | Number of trees | | Production | | Productive | Sapling | Productive | Sapling | | Apples | 197720 | 8249 | 4353 | 210138 | 210548 | 911 | 544 | 22020 | | Pears | 102689 | 1897 | 622 | 44531 | 101374 | 310 | 100 | 7532 | | Quinces | 63870 | 729 | 326 | 11551 | 87162 | 280 | 86 | 4587 | | Cherries and sour cherries | 131477 | 6140 | 2198 | 45266 | 87706 | 862 | 327 | 6588 | | Apricots | 176587 | 4314 | 1989 | 76102 | 163177 | 953 | 413 | 18402 | | Peaches and nectarines | 85186 | 6052 | 4589 | 111665 | 86086 | 405 | 459 | 8416 | | Plums | 118407 | 3319 | 1289 | 52533 | 168399 | 844 | 295 | 12235 | | Irrigated figs | 54601 | 576 | 152 | 9257 | 114641 | 395 | 80 | 7684 | | Ranifed figs | 13361 | 176 | 27 | 1812 | 122594 | 197 | 43 | 3534 | | Oranges | 88192 | 5865 | 1715 | 212528 | 179240 | 1561 | 308 | 56198 | | Tangerines | 53851 | 2863 | 387 | 122236 | 77011 | 412 | 54 | 15299 | | Lemons | 21400 | 1074 | 254 | 46838 | 38908 | 84 | 23 | 2924 | | Limes | 34581 | 1967 | 1048 | 77314 | 30188 | 101 | 90 | 3645 | | Grapefruits | 1837 | 30 | 9 | 1464 | 1841 | 6 | 1 | 250 | | Other types of citrus fruit (1) | 18302 | 214 | 130 | 8094 | 97457 | 324 | 137 | 11055 | | Bananas | 1816 | 51 | 27 | 712 | 6620 | 7 | 13 | 92 | | Kiwis | 1573 | 20 | 6 | 776 | 6696 | 25 | 9 | 757 | | Olives | 5646 | 143 | 831 | 1702 | 13824 | 33 | 173 | 663 | | Pomegranates | 89371 | 3773 | 567 | 73160 | 175061 | 1205 | 216 | 16240 | | Dates | 43084 | 3613 | 937 | 93611 | 120098 | 2676 | 741 | 42522 | | Irrigated almonds | 95696 | 4370 | 2594 | 20073 | 109539 | 1984 | 1004 | 7334 | | Rainfed almonds | 4062 | 741 | 261 | 742 | 10405 | 382 | 278 | 570 | | Walnuts | 244542 | 4226 | 4574 | 56899 | 376252 | 1825 | 2027 | 29451 | | Hazelnuts | 13427 | 859 | 102 | 899 | 12175 | 49 | 31 | 224 | | Pistachios | 4944 | 225 | 633 | 728 | 9086 | 50 | 168 | 116 | | Irrigated grapes | 109794 | 7151 | 1474 | 52474 | 134452 | 1153 | 225 | 12193 | | Rainfed grapes | 10034 | 941 | 182 | 3518 | 70217 | 180 | 40 | 3725 | | Strawberries | 3906 | - | - | 1408 | 1540 | - | - | 58 | |
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| **4. 14. NUMBER OF HOLDINGS, PLANTED AREA OF SINGLE CROPS, NUMBER OF TREES AND PRODUCTION OF PERMANENT CROPS IN OPEN AIR BY CROP 1382** **(continued) (ha; 1000 sapling; ton)** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Crop | Total | | Single cropping | | | | | | Number of holdings | Production | Number of holdings | Planted area | Number of trees | | Production | | Productive | Sapling | | Tea | 41442 | 150483 | 41435 | 21378 | - | - | 150479 | | Types of berries and black mulberries | 170913 | 14035 | 1249 | 689 | 283 | 67 | 1866 | | Silkworm mulberries | 94920 | - | 20257 | 5907 | 36427 | 1899 | - | | Damask roses | 50672 | 6348 | 6447 | 2909 | - | - | 4284 | | Poplars (2, 3) | 460611 | 19779 | 83480 | 41378 | 42806 | 65078 | 13254 | | Productive trees nursery (3) | 6623 | 10225 | 3831 | 1178 | - | - | 5079 | | Non-productive trees nursery (3) | 2479 | 2586 | 1697 | 1102 | - | - | 1730 | | Permanent ornamentals | 26929 | - | 1972 | 707 | - | - | - | | Persimmons | 19747 | 6251 | 268 | 125 | 43 | 16 | 1115 | | Chestnuts | 1210 | 514 | 59 | 17 | 5 | 11 | 172 | | Oleasters | 18586 | 2114 | 285 | 105 | 27 | 8 | 274 | | Sumach | 2907 | 359 | 948 | 646 | - | - | 249 | | Hawthorn | 2781 | 472 | 109 | 14 | 6 | // | 65 | | Berberries | 18967 | 6455 | 15108 | 5048 | - | - | 6205 | | Cornelian cherries | 3503 | 1860 | 460 | 132 | 61 | 13 | 632 | | Jujubes | 8372 | 471 | 432 | 102 | 22 | 36 | 87 | | Mangos | 7779 | 3526 | 204 | 138 | 8 | 14 | 528 | | Papayas | 36 | 3 | 0 | 0 | 0 | 0 | 0 | | Lotus trees | 16656 | 1662 | 59 | 54 | 11 | 71 | 120 | | Medlars | 37149 | 4429 | 626 | 226 | 109 | 9 | 1842 | |
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| **4. 14. NUMBER OF HOLDINGS, PLANTED AREA OF SINGLE CROPS, NUMBER OF TREES AND PRODUCTION OF PERMANENT CROPS IN OPEN AIR BY CROP, 1382** **(continued) (ha; 1000 sapling; ton)** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Crop | Mixed cropping | | | | Scattered trees | | | | | Number of holdings | Number of trees | | Production | Number of trees Production | Number of trees | | Production | | Productive | Sapling | Productive | Sapling | | Tea | 10 | - | - | 4 | 1 | - | - |  | | Types of berries and black mulberries | 56404 | 373 | 234 | 6510 | 113782 | 336 | 188 | 5659 | | Silkworm mulberries | 10767 | 623 | 117 | - | 65809 | 3205 | 338 | - | | Damask roses | 32208 | - | - | 1952 | 12103 | - | - | 112 | | Poplars (2, 3) | 63181 | 4871 | 4320 | 2269 | 324583 | 10538 | 15360 | 4256 | | Productive trees nursery(3) | 2660 | - | - | 5138 | 154 | - | - | 8 | | Non-productive trees nursery (3) | 488 | - | - | 854 | 298 | - | - | 2 | | Permanent ornamentals | 13211 | - | - | - | 11775 | - | - | - | | Persimmons | 6925 | 125 | 30 | 4135 | 12585 | 29 | 13 | 1001 | | Chestnuts | 172 | 4 | 2 | 74 | 981 | 11 | 5 | 268 | | Oleasters | 5394 | 60 | 135 | 529 | 12971 | 171 | 85 | 1311 | | Sumach | 1858 | - | - | 107 | 113 |  |  | 3 | | Hawthorn | 1133 | 18 | 1 | 181 | 1549 | 16 | 1 | 226 | | Berberries | 3037 | - | - | 227 | 971 |  |  | 23 | | Cornelian cherries | 2470 | 122 | 23 | 1161 | 607 | 7 | 2 | 67 | | Jujubes | 2322 | 28 | 14 | 207 | 5711 | 29 | 14 | 178 | | Mangos | 3720 | 43 | 21 | 2494 | 3888 | 10 | 10 | 504 | | Papayas | 29 | // | 2 | 2 | 7 | // | 1 | // | | Lotus trees | 1108 | 40 | 8 | 481 | 15504 | 33 | 14 | 1062 | | Medlars | 5099 | 64 | 15 | 1170 | 31509 | 66 | 23 | 1417 | |
| *1. Including sour orange, pummelo, citron, bengal quince, etc.* |
| *2. Including poplars, white poplar, black poplar, willows, etc.* |
| *3. Production unit: 1000 sapling.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 15. NUMBER OF HOLDINGS AND PRODUCTION OF SELECTED PERMANENT CROPS IN OPEN AIR BY OSTAN, 1382 (ton)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Ostan | Irrigated grapes | | Apples | | Oranges | | | Number of holdings | Production | Number of holdings | Production | Number of holdings | Production | | ***Total country*** | ***651374*** | ***1334498*** | ***508254*** | ***1147386*** | ***344352*** | ***735106*** | | East Azarbayejan | 46945 | 133543 | 72270 | 169365 | 0 | 0 | | West Azarbayejan | 31605 | 122508 | 47959 | 458258 | 0 | 0 | | Ardebil | 7945 | 1996 | 28939 | 24723 | 84 | // | | Esfahan | 51719 | 37522 | 28648 | 131669 | 92 | 1 | | Ilam | 3390 | 673 | 1205 | 112 | 793 | 32 | | Bushehr | 222 | 14 | 16 | 1 | 1484 | 312 | | Tehran | 18381 | 50721 | 31933 | 110614 | 50 | // | | Chaharmahal & Bakhtiyari | 13933 | 26318 | 4881 | 5105 | 45 | // | | South Khorasan | 5683 | 1380 | 3502 | 154 | 3 | 0 | | Khorasan-e-Razavi | 74634 | 188771 | 35325 | 55941 | 38 | // | | North Khorasan | 24926 | 25224 | 11257 | 8334 | 1 |  | | Khuzestan | 3221 | 1731 | 682 | 270 | 3170 | 12359 | | Zanjan | 36074 | 101016 | 18628 | 34526 | 618 | 22 | | Semnan | 9888 | 22000 | 5181 | 3031 | 8 | 1 | | Sistan & Baluchestan | 4219 | 2388 | 1944 | 528 | 6393 | 3139 | | Fars | 32020 | 107810 | 17576 | 47354 | 19206 | 98607 | | Qazvin | 45558 | 178007 | 11934 | 17517 | 55 | 4 | | Qom | 3506 | 5919 | 2109 | 427 | 8 | 0 | | Kordestan | 20745 | 20447 | 18445 | 5915 | 16 | 0 | | Kerman | 11634 | 4503 | 8375 | 14200 | 27425 | 153274 | | Kermanshah | 17251 | 28722 | 7609 | 6051 | 810 | 41 | | Kohgiluyeh & Boyerahmad | 8516 | 11761 | 6908 | 11598 | 2130 | 143 | | Golestan | 10642 | 431 | 5449 | 112 | 21971 | 11940 | | Gilan | 2181 | 357 | 60811 | 2496 | 98326 | 58466 | | Lorestan | 11307 | 18402 | 6936 | 9772 | 611 | 17 | | Mazandaran | 10805 | 502 | 20334 | 5396 | 145142 | 381624 | | Markazi | 52114 | 107356 | 16713 | 7416 | 8 | // | | Hormozgan | 2304 | 293 | 950 | 95 | 14454 | 14887 | | Hamedan | 66824 | 120464 | 20136 | 15371 | 0 | 0 | | Yazd | 23182 | 13716 | 11597 | 1034 | 1411 | 237 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 16. AREA OF GREENHOUSES ON AGRICULTURAL HOLDINGS BY OSTAN: 1382 (ha)** |
| |  |  |  | | --- | --- | --- | | Ostan | Number of holdings | Area of greenhouses | | ***Total country*** | ***8509*** | ***2420*** | | East Azarbayejan | 85 | 11 | | West Azarbayejan | 33 | 5 | | Ardebil | 23 | 6 | | Esfahan | 1423 | 444 | | Ilam | 45 | 10 | | Bushehr | 11 | 3 | | Tehran | 1001 | 497 | | Chaharmahal & Bakhtiyari | 37 | 6 | | South Khorasan | 19 | 2 | | Khorasan-e-Razavi | 206 | 27 | | North Khorasan | 12 | 1 | | Khuzestan | 123 | 119 | | Zanjan | 39 | 8 | | Semnan | 109 | 25 | | Sistan & Baluchestan | 173 | 42 | | Fars | 105 | 35 | | Qazvin | 53 | 13 | | Qom | 27 | 6 | | Kordestan | 27 | 3 | | Kerman | 701 | 482 | | Kermanshah | 48 | 12 | | Kohgiluyeh & Boyerahmad | 13 | 3 | | Golestan | 64 | 9 | | Gilan | 284 | 33 | | Lorestan | 53 | 5 | | Mazandaran | 2394 | 226 | | Markazi | 597 | 183 | | Hormozgan | 11 | 14 | | Hamedan | 50 | 9 | | Yazd | 747 | 181 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 17. UTILIZATION OF MODERN IRRIGATION AND DRAINAGE NETWORKS BY REGIONAL****WATER ORGANIZATIONS (ha; mln cu m)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Regional water organizations and irrigation and drainage networks | Water supply resource | Reservoir | Area of cultivated | Volume of water used(1) | | 1380 | ×× | ×× | 778694 | 7464 | | 1383-84(2) | ×× | ×× | 936981 | 11966 | | 1384-85(2) | ×× | ×× | 966395 | 11939 | | 1385-86(2) | ×× | ×× | 1033513 | 13174 | | 1386-87(2) | ×× | ×× | 722642 | 9667 | | ***1387-1388***(2) | ***××*** | ***××*** | ***738009*** | ***7657*** | | East Azarbayejan | ×× | ×× | 7090 | 49 | | Sufichay | SufiChay | Alaviyan | 3065 | 25 | | Sattar Khan | Aharchay | ×× | 4025 | 24 | | West Azarbayejan | ×× | ×× | 59747 | 654 | | Dasht-e-Shiblu | Aras | ×× | 1800 | 30 | | Dasht-e-Zanganeh | Gharasu | ×× | 650 | 5 | | Zarrinehrud (Miyandoab) | Zarrinehrud | Bukan | 41951 | 485 | | Mahabad | Mahabad | Mahabad | 11800 | 109 | | Qanbar Kandi | Aras | ×× | 1950 | 16 | | Hasanlu | ×× | Hasanlu | 1596 | 9 | | Ardebil | ×× | ×× | 66350 | 1185 | | Qurichay | Aghchay&Geruchay | Qurichay | 350 | 164 | | Moghan | Aras | Aras | 66000 | 1021 | | Esfahan | ×× | ×× | 7880 | ` | | Abshar | Zayandehrud | Zayandehrud | 0 | 0 | | Borkhar(esfahan) | Zayandehrud | Zayandehrud | 60 | 1 | | Rudashtin | Zayandehrud | Zayandehrud | 0 | 0 | | Karvan (Khamiran) | Morghab | Khamiran | 1200 | 13 | | Mahyar | Zayandehrud | Zayandehrud | 0 | 0 | | Nekuabad | Zayandehrud | Zayandehrud | 3600 | 29 | | Golpayegan | Golpayegan | Golpayegan | 1900 | 19 | | Hanna | Hanna | Hanna | 1120 | 17 | | Ilam | ×× | ×× | 26410 | 71 | | Konjancham (Mehran) | Konjancham | Ilam | 3100 | 14 | | Holilan | Seymareh | ×× | 1340 | 8 | | Doviraj 1 & 2 | Doviraj1&2 | ×× | 2700 | 7 | | Amirabad | Konjancham | Ilam | 450 | 1 | | Dasht-e-Abbas | Karkheh | ×× | 16400 | 36 | | Meymeh | Meymeh | ×× | 2000 | 5 | | Mulab | Seyahgav | - | 420 | 2 | | Bushehr | ×× | ×× | 15300 | 224 | | Ahram | RudkhanehBahush | ×× | 800 | 6 | | Dalaki | RudkhanehDalki | ×× | 8500 | 106 | | Shabankareh | RudkhanehDalki | RaisaliDelvari | 6000 | 112 | | Tehran | ×× | ×× | 58000 | 127 | | Varamin | Jajrud | Latiyan | 40000 | 73 | | Karaj | Karaj | Amirkabir | 12000 | 35 | | Kordan | Kordan | ×× | 6000 | 19 | | Chaharmahal & Bakhtiyari | ×× | ×× | 6000 | 15 | | Ardal | KiyarvaJonqan | ×× | 1000 | 5 | | Jonaqan | BabrGhar | ×× | 1000 | 3 | | Gandoman & Boldaji | Chaghakhor | Chaghakhor | 4000 | 7 | |
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| **4. 17. UTILIZATION OF MODERN IRRIGATION AND DRAINAGE NETWORKS BY REGIONAL** **WATER ORGANIZATIONS (continued) (ha; mln cu m)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Regional water organizations and irrigation and drainage networks | Water supply resource | Reservoir | Area of cultivated | Volume of water entered the network(1) | | South Khorasan | ×× | ×× | 0 | 0 | | Shahid Parsa-ye-Ferdos | Zow | ShahidParsa | 0 | 0 | | Khorasan-e-Razavi | ×× | ×× | 1167 | 16 | | Shahid Yaqubi ....... | KalSalar | ShahidYaqubi | 217 | 5 | | Shahid Dehqan-e-Taybad | Eshtivan | Shahid Dehghan | 0 | 1 | | Tabarak abad..... | Tabarakabad | Tabarakabad | 950 | 7 | | Sangard | - | Sangard | 0 | 3 | | North Khorasan | ×× | ×× | 1185 | 6 | | Shirvan | Ghalejoq | Shirvan | 985 | 5 | | Chery | - | Chery | 200 | 1 | | Khuzestan | ×× | ×× | 208161 | 2592 | | Avan | Karkheh | Karkheh | 3390 | 29 | | Dez | Dez | Dez | 96211 | 1614 | | Shavur | Shavur | ×× | 3572 | 53 | | Fajr & Jayzan | Marun | Marun | 3519 | 8 | | Karkheh (Hamidiyeh & Qods) | Karkheh | Karkheh | 13163 | 161 | | Gotvand | Karun | ShahidAbbaspour | 44701 | 506 | | Marun (Behbahan) | Marun | Marun | 10386 | 49 | | Veys | Karun | شهيدعباسپور | 7023 | 20 | | Beneh basht | Kheirabad | ×× | 1247 | 3 | | Shahid Rajaee | Zohre | Kowsar | 4275 | 25 | | Ramshir | Jarahi | Marun | 13869 | 42 | | Shadegan | Jarahi | Marun | 3210 | 3 | | Hamudi | Karkheh | Karkheh | 1113 | 7 | | Daryun | Karyun | Gotvand | 2482 | 72 | | Semnan | ×× | ×× | 21750 | 137 | | Garmsar | Hablehrud | ×× | 21750 | 137 | | Sistan & Baluchestan | ×× | ×× | 56300 | 490 | | Bampur | Bampur | × | 300 | 11 | | Chah nimeh | Sistan | Chahnimeh | 24700 | 185 | | Miyankangi | Paryanmoshtarak | ×× | 26550 | 245 | | Bahukalat | Bahukalat | Pishin | 4750 | 48 | | Fars | ×× | ×× | 30000 | 29 | | Dorudzan (Ramjerd) | Kor | Dorudzan | 30000 | 29 | | Qazvin(Ostan) | ×× | ×× | 60000 | 196 | | Qazvin | Taleqan | Taleqan | 60000 | 196 | | Kordestan | ×× | ×× | 0 | 0 | | Zarivar (Marivan) | Daryacheh | × | 0 | 0 | | Kerman | ×× | ×× | 514 | 3 | | Jiroft | Halilrud | Jiroft | 514 | 3 | | Kermanshah | ×× | ×× | 7295 | 31 | |
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| **4. 17. UTILIZATION OF MODERN IRRIGATION AND DRAINAGE NETWORKS BY REGIONAL** **WATER ORGANIZATIONS (continued) (ha; mln cu m)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Regional water organizations and irrigation and drainage networks | Water supply resource | Reservoir | Area of cultivated | Volume of water entered the network(1) | | Berimvand (Dasht-e-zahab) | Alvand | ×× | 2600 | 8 | | Jegarlu (Qasr-e-shirin) | Alvand | ×× | 650 | 6 | | Ravansar | SarabRavansar | ×× | 1800 | 5 | | Sefidbarg | Sefidbarg | ×× | 171 | 2 | | Sumar | Kangir | ×× | 946 | 8 | | Chamchema | Dinevar | ×× | 1128 | 3 | | ***Kohgiluyeh & Boyerahmad*** | ***××*** | ***××*** | ***602*** | ***31*** | | Servak & Shahqasem | Bashar | Shahqasem | 187 | 10 | | Dasht-e-rum | Dashterum | ×× | 66 | 8 | | Dasht-e-choram | Chah | ×× | 229 | 7 | | Dasht-e-chitab | Kikian | ×× | 120 | 7 | | Golestan | ×× | ×× | 17973 | 66 | | Voshmgir | Gorganrud | Vushmgir | 15435 | 52 | | Golestan 1 | Gorganrud | ×× | 2252 | 13 | | Kowsar | Nomel–Garmabdasht | Nomel | 286 | 2 | | ***Gilan*** | ***××*** | ***××*** | ***56000*** | ***1374*** | | Sefidrud & Fumanat(2) | Sefidrud | Sefidrud | 56000 | 1374 | | ***Lorestan*** | ***××*** | ***××*** | ***7050*** | ***51*** | | Chogholvandi | Babalian | ×× | 1720 | 10 | | Aliabad (Dorud) | Silakhor | ×× | 580 | 2 | | Silakhur | Marire | ×× | 4750 | 39 | | ***Mazandaran*** | ***××*** | ***××*** | ***10405*** | ***122*** | | Tajan | Tajan | ShahidRajaee | 10405 | 122 | | ***Markazi*** | ***××*** | ***××*** | ***5000*** | ***45*** | | Saveh | Gharechai | Saveh | 5000 | 45 | | ***Hormozgan*** | ***××*** | ***××*** | ***5860*** | ***39*** | | Minab | Minab | Esteqlal | 5860 | 39 | | ***Hamedan*** | ***××*** | ***××*** | ***1970*** | ***25*** | | Shaban Borzul | Gamasiyab | ×× | 1750 | 24 | | Abbasabad | Abbasabad | ×× | 220 | 1 | |
| *1. Utilized also for non-agricultural consumption such as drinking, sanitation, manufacturing and raising of*  *aquatic animals (changing from 0% to 35% ).* |
| *2. Since the utilization of irrigation networks corresponds to crop year, the current year’s data are also presented on*  *the same year basis.* |
| *Source: Ministry of Energy.* |
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| **4. 18. GUARANTEED PURCHASE PRICE OF BASIC CROPS (kg; rial)** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Crop | 1375 | 1380 | 1384 | 1385 | 1386 | 1387 | 1388 | | Wheat | 410 | 1050 | 2050 | 2050 | 2250 | 3050 | 3300 | | Barley | 317 | 800 | 1520 | 1520 | 1650 | 2700 | 2600 | | Grain corn | 348 | 890 | 1620 | 1620 | 1750 | 2760 | 2760 | | Peas | 727 | 1870 | 3600 | 5000 | 5400 | 6480 | 6480 | | Navy beans | 870 | 2240 | 3500 | 4500 | × | 5830 | × | | Kidney beans | 808 | 2065 | 3000 | 4500 | 4850 | 5830 | 5820 | | Pinto beans | 1030 | 2650 | 3500 | 4500 | 4850 | 5830 | 5960 | | Lentils | 895 | 2285 | 3800 | 5000 | 5400 | 6480 | 6480 | | Sugar beets | 97 | 252 | 460 | 460 | 500 | 620 | 750 | | Cotton | 1600 | 2820 | 4500 | 5000 | 5400 | 6480 | 7500 | | Soybeans | 683 | 1770 | 3200 | 3200 | 3450 | 5350 | 5350 | | Sunflower seeds | 870 | 2035 | 3400 | 3400 | 3670 | 5700 | 5700 | | Potatoes | 174 | 437 | (1)830 | 883 | 910 | 1080 | 1350 | | Onions | 137 | 377 | (1)620 | 627 | 670 | 790 | 900 | |
| *1. Out of different guaranteed purchases for potatoes and onions in the year 1384, the price of the spring crop which has the maximum purchase value, is presented in the table.* |
| *Source: Government.* |
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| **4. 19. AVERAGE SALE PRICE PER KILOGRAM OF SELECTED ANNUAL CROPS IN RURAL AREAS (rial)** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Wheat | Barley | Rice | Peas | Pinto beans | Lentils | Sugar beet | Cotton | Manufactured tobacco | | 1370\*\* | 136 | 105 | 399 | 404 | - | 234 | - | 390 | - | | 1375 | 422 | 375 | 1065 | 1167 | 2775 | 1394 | - | 1624 | - | | 1380 | 1049 | 819 | 2385 | 2479 | 3688 | 2427 | 257 | 2801 | 6054 | | 1384 | 1867 | 1524 | 3515 | 4244 | 3836 | 4335 | 451 | 4014 | 11000 | | 1385 | 2068 | 1603 | 3765 | 6847 | 6477 | 5326 | 497 | 4835 | 14360 | | 1386 | 2089 | 2155 | 4985 | 6323 | 12053 | 6288 | 503 | 6759 | 18628 | | 1387 | 2926 | 3793 | 10291 | 6908 | 13325 | 10225 | 561 | 6096 | 28372 | | ***1388*** | ***3053*** | ***2511*** | ***6435*** | ***7341*** | ***9500*** | ***10189*** | ***660*** | ***6750*** | ***20364*** | | East Azarbayejan | 2989 | 2481 | × | 8958 | 9921 | 8255 | × | 6850 | × | | West Azarbayejan | 3077 | 2579 | × | 5938 | × | × | 660 | × | × | | Ardebil | 2997 | 2454 | × | 8198 | 13573 | 1759 | × | 5416 | × | | Esfahan | 3076 | 2497 | 9416 | 6800 | × | 9705 | 650 | 6675 | × | | Ilam | 3227 | 2704 | × | 6867 | 10000 | 10320 | 550 | × | × | | Bushehr | 3210 | 2917 | × | × | × | × | × | × | × | | Tehran | 3050 | 2632 | × | × | × | 18119 | × | × | × | | Chaharmahal & Bakhtiyari | 3038 | 2521 | × | 8000 | 10442 | 10254 | 698 | × | × | | South Khorasan | 3089 | 2701 | × | × | × | × | 573 | 6027 | × | | Khorasan-e-Razavi | 3011 | 2630 | × | 9474 | × | × | 674 | 7061 | × | | North Khorasan | 3062 | 2522 | × | 6348 | 9395 | 8728 | 730 | 6306 | × | | Khuzestan | 3073 | 2362 | 4991 | × | × | × | × | × | × | | Zanjan | 3004 | 2361 | 8770 | 5154 | 11009 | 8625 | 592 | × | × | | Semnan | 3105 | 2622 | × | 13532 | 14012 | 9500 | 733 | 7000 | × | | Sistan & Baluchestan | 3053 | 2773 | × | × | × | 13000 | × | × | × | | Fars | 3094 | 2486 | 12405 | 8337 | 9006 | 10483 | 673 | 7200 | × | | Qazvin | 2960 | 2482 | × | 10053 | 13501 | 14706 | 548 | × | × | | Qom | 3128 | 2222 | × | 8966 | 12273 | 14000 | × | 6887 | × | | Kordestan | 3027 | 2497 | × | 7834 | × | 14445 | × | × | × | | Kerman | 3159 | 3435 | × | 9636 | 8000 | × | × | × | × | | Kermanshah | 3078 | 2302 | × | 6372 | × | × | 654 | × | × | | Kohgiluyeh & Boyerahmad | 3203 | 2630 | 5877 | × | 9717 | × | × | × | × | | Golestan | 3052 | 2558 | 6101 | × | × | × | 400 | 5629 | 20569 | | Gilan | 3013 | 2178 | 8356 | × | × | 8528 | × | × | 29250 | | Lorestan | 2565 | 3048 | × | 6780 | 10294 | 15480 | × | × | × | | Mazandaran | 2906 | 2592 | 5788 | × | 13448 | × | × | 5000 | 14367 | | Markazi. | 3021 | 2495 | × | × | 13532 | × | 860 | 6669 | × | | Hormozgan | 3123 | × | × | × | × | × | × | × | × | | Hamedan | 2986 | 2290 | × | 6313 | × | 7500 | 750 | × | × | | Yazd | 3095 | 2700 | × | × | × | × | × | × | × | |

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| **4. 19. AVERAGE SALE PRICE PER KILOGRAM OF SELECTED ANNUAL CROPS IN RURAL** **AREAS (continued) (rial)** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Tobacco leaves | Sunflower oil seeds | Melons | Water-melons | Cucumbers | Potatoes | Onions | Tomatoes | Alfalfa, dry | | 1370\*\* | - | 338 | 68 | 51 | 124 | 105 | 60 | 88 | 83 | | 1375 | - | 1194 | 251 | 148 | 426 | 455 | 415 | 210 | 360 | | 1380 | 3903 | 2618 | 650 | 437 | 617 | 531 | 580 | 604 | (1)758 | | 1384 | 11150 | 3472 | 877 | 525 | 1338 | 702 | 1076 | 979 | 1315 | | 1385 | 12230 | 3794 | 1598 | 1033 | 2161 | 1671 | 1308 | 1059 | 1328 | | 1386 | 43756 | 5940 | 1669 | 965 | 2043 | 2579 | 1160 | 1127 | 1492 | | 1387 | 21580 | 12622 | 2866 | 1331 | 2132 | 1305 | 1629 | 2433 | 2572 | | ***1388*** | ***28490*** | ***6033*** | ***2089*** | ***1379*** | ***2671*** | ***1970*** | ***2860*** | ***1238*** | ***1927*** | | East Azarbayejan | × | × | 2664 | 1966 | 3316 | 2120 | 1257 | 921 | 1570 | | West Azarbayejan | × | 9693 | 1560 | 1148 | 2828 | 2058 | 1341 | 802 | 1417 | | Ardebil | × | × | 3493 | 1154 | 2023 | 2151 | × | 803 | 1476 | | Esfahan | 20225 | 8000 | 2948 | 1765 | 2905 | 1569 | 1701 | 1170 | 1902 | | Ilam | × | × | 2077 | 1477 | 1989 | × | 2455 | 2067 | 2043 | | Bushehr | 29139 | × | 2347 | 2027 | 2255 | 2463 | 3044 | 1808 | 3633 | | Tehran | × | × | 3500 | 1052 | 3496 | 2349 | 1400 | 1023 | 2133 | | Chaharmahal & Bakhtiyari | × | × | × | × | × | 1879 | × | 2000 | 2013 | | South Khorasan | × | × | 1916 | 1542 | 1844 | 3000 | 3000 | 2720 | 3064 | | Khorasan-e-Razavi | × | × | 1862 | 1575 | 2072 | 2240 | 1617 | 865 | 1714 | | North Khorasan | × | 13369 | 2470 | 2002 | 2741 | 2575 | 1744 | 926 | 2948 | | Khuzestan | × | × | 3501 | 2028 | 2605 | 1240 | 3267 | 1031 | 1376 | | Zanjan | × | 7750 | 2887 | 1220 | 2272 | 2147 | 957 | 932 | 1909 | | Semnan | × | 5561 | 2604 | 1397 | 3083 | 2601 | 1508 | 1271 | 2355 | | Sistan & Baluchestan | 50000 | × | 2774 | 1654 | 3401 | 1820 | 1825 | 1864 | 1502 | | Fars | × | × | 3808 | 772 | 1786 | 2100 | 1673 | 1065 | 2245 | | Qazvin | × | × | 1184 | 794 | 1939 | 2006 | 1534 | 953 | 1953 | | Qom | × | 14000 | 2357 | 2000 | 2702 | 2106 | 2066 | 2000 | 2043 | | Kordestan | × | 9233 | 1568 | 1725 | 4790 | 2398 |  | 1152 | 1934 | | Kerman | × | × | 2200 | 1910 | 2631 | 2332 | 3473 | 1517 |  | | Kermanshah | × | × | × | 1448 | 2423 | 2000 | 1587 | 990 | 1950 | | Kohgiluyeh & Boyerahmad | × | × | × | 1386 | 2627 | × | 3000 | 1730 | 2468 | | Golestan | × | 5353 | 2513 | 1424 | 2682 | 1745 | 2798 | 797 | × | | Gilan | × | × | × | 2522 | 3512 | × | × | 2000 | × | | Lorestan | × | × | × | × | 3328 | 1626 | 2700 | 3117 | 3000 | | Mazandaran | × | 4934 | 2188 | 1981 | 3261 | 3488 | 3728 | 1224 | 2914 | | Markazi. | × | × | 2495 | 1457 | 4467 | 2212 | 3000 | 1741 | 1980 | | Hormozgan | × | × | 3540 | 1967 | 1992 | 2537 | 3783 | 1474 | × | | Hamedan | × | × | × | 1323 | 4777 | 1727 | 1140 | 1195 | 2077 | | Yazd | × | × | 3027 | 2114 | 3311 | × | 1496 | 1819 | 2254 | |
| *1. From the year 1380, the price of dried alfalfa and clover was included together.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 20. AVERAGE SALE PRICE PER KILOGRAM OF SELECTED PERENNIAL CROPS IN RURAL****AREAS (rial)** |
| |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Apples | Apricots | Pears | Grapes | Oranges | Dates | Pomegranates | Pistachios | Almonds | Walnuts | | 1370\*\* | 87 | 167 | - | 125 | 80 | 421 | - | - | - | - | | 1375 | 481 | 574 | 582 | 716 | 636 | 779 | 390 | 10548 | 3710 | 4319 | | 1380 | 992 | 1721 | 1314 | 874 | 1354 | 1589 | 946 | 22649 | 4772 | 10364 | | 1384 | 1926 | 3010 | 2210 | 1642 | 2155 | 2694 | 2401 | 32632 | 15826 | 20310 | | 1385 | 2790 | 2709 | 3204 | 2046 | 2786 | 3131 | 3240 | 30461 | 12763 | 21283 | | 1386 | 3926 | 5470 | 4344 | 2564 | 3516 | 3817 | 4189 | 37043 | 13000 | 28839 | | 1387 | 4378 | 4716 | 6833 | 5505 | 3476 | 5838 | 7108 | 43227 | 12265 | 35122 | | ***1388*** | ***6260*** | ***15433*** | ***7273*** | ***3905*** | ***4167*** | ***8117*** | ***9127*** | ***58479*** | ***×*** | ***38341*** | | East Azarbayejan | 2909 | 14740 | 6077 | 3256 | 0 | × | 8000 | × | 22766 | 32496 | | West Azarbayejan | 2707 | 7185 | 7311 | 4054 | 0 | × | × | × | 33405 | 36649 | | Ardebil | 4266 | 2897 | 6429 | 9927 | 0 | × | × | × | × | 35436 | | Esfahan | 4156 | 9565 | 10000 | 5329 | 0 | × | 8366 | 48125 | × | 25000 | | Ilam | 0 | 12727 | 0 | 5404 | 0 | × | 7000 | × | × | 59196 | | Bushehr | 0 | 0 | 0 | 2000 | 5909 | 4763 | × | × | × | × | | Tehran | 9177 | 0 | 11222 | × | 0 | × | × | × | × | × | | Chaharmahal & Bakhtiyari | 4701 | 9105 | 0 | 2351 | 0 | × | × | × | 29126 | 47648 | | South Khorasan | 4833 | 12450 | 0 | 4209 | 0 | × | 6929 | 55103 | 28756 | 34905 | | Khorasan-e-Razavi | 3500 | 10000 | 0 | 5400 | 0 | × | 7000 | 61031 | × | × | | North Khorasan | 4811 | 4000 | 7681 | 4672 | 0 | × | 7000 | 61136 | × | 40000 | | Khuzestan | 0 | 0 | 0 | 8000 | 2869 | 5438 | × | × | × | × | | Zanjan | 4101 | 0 | 0 | 2451 | 0 | × | 10173 | × | × | 44435 | | Semnan | 5328 | 9771 | 10000 | 5219 | 0 | × | 6673 | 25817 | × | 40549 | | Sistan & Baluchestan | 0 | 6259 | 0 | 6016 | 5000 | 7216 | 6950 | 52242 | × | × | | Fars | 3105 | 3837 | 0 | 4983 | 4432 | 7777 | 9503 | × | 11257 | 47077 | | Qazvin | 6259 | 10615 | 7889 | 3085 | 0 | × | 8119 | 80290 | 10000 | 25329 | | Qom | 4679 | 9883 | 11101 | 5819 | 0 | × | 4729 | 73853 | 15980 | 33483 | | Kordestan | 3984 | 7091 | 4000 | 3889 | 0 | × | × | × | 17636 | 22672 | | Kerman | 4420 | 8958 | 6930 | 6039 | 4730 | 10157 | 10000 | 68000 | 20749 | 42672 | | Kermanshah | 2581 | 10000 | 0 | 5755 | 0 | × | 11464 | × | × | 25563 | | Kohgiluyeh & Boyerahmad | 3361 | 0 | 0 | 4290 | 4596 | × | × | × | × | 44654 | | Golestan | 0 | 0 | 0 | × | 3484 | × | × | × | × | × | | Gilan | 0 | 0 | 0 | × | 3267 | × | 8000 | × | × | 40000 | | Lorestan | 0 | 0 | 0 | × | 0 | × | 8500 | × | × | × | | Mazandaran | 4466 | 5055 | 6486 | × | 3424 | × | × | × | × | 36017 | | Markazi | 5636 | 13841 | 0 | 4461 | 0 | × | 10389 | 58933 | 15000 | × | | Hormozgan | 0 | 0 | 0 | × | 2681 | 6121 | × | × | × | × | | Hamedan | 5377 | 10000 | 0 | 4239 | 0 | × | × | × | × | 38475 | | Yazd | 0 | 19377 | 0 | 6000 | 0 | × | 7211 | 64618 | 13000 | × | |
| *Source: Statistical Centre of Iran.* |

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| **4.4.21. AVERAGE PRODUCTION COSTS AND FARM-GATE PRICES (1) OF SELECTED ANNUAL CROPS (rial)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Crop | 1382-83 | | 1383-84 | | 1384-85 | | | Costs of production | Farm-gate prices | Costs of production | Farm-gate prices | Costs of production | Farm-gate prices | | Irrigated wheat | 3990920 | 1112 | 4394520 | 1256 | 5231670 | 1436 | | Rainfed wheat | 1133860 | 1075 | 1238720 | 1416 | 1403370 | 1599 | | Irrigated barley | 3324820 | 1052 | 3807640 | 1260 | 4116960 | 1469 | | Rainfed barley | 1148560 | 1271 | 1248090 | 1465 | 1350890 | 1712 | | Irrigated grain corn | 6209410 | 782 | 6492750 | 841 | 7341900 | 1008 | | Irrigated peas | 3191750 | 2858 | 3519660 | 3371 | 4086560 | 3478 | | Rainfed peas | 1382970 | 3086 | 1445410 | 3624 | 1960230 | 4741 | | Irrigated lentils | 4189270 | 3391 | 4024610 | 3893 | 4459670 | 4962 | | Rainfed lentils | 1384610 | 3207 | 1643280 | 3780 | 2073850 | 5364 | | Irrigated sunflower | 5623030 | 3137 | 5547140 | 3540 | 7356290 | 4349 | | Rainfed sunflower | 1661570 | 1765 | 1768490 | 1870 | 2117150 | 2717 | | Irrigated cotton | 6423420 | 2399 | 7628000 | 3096 | 8443130 | 3456 | | Rainfed cotton | 5088520 | 3641 | 4657570 | 4628 | 2873600 | 2535 | | Sugar beets | 7913410 | 275 | 9783410 | 302 | 11179050 | 323 | | Irrigated watermelons | 7317830 | 323 | 7876150 | 306 | 10088710 | 397 | | Rainfed watermelons | 3460070 | 379 | 1958360 | 527 | 2704070 | 561 | | Irrigated cucumbers | 11917580 | 683 | 14413160 | 696 | 18617830 | 945 | | Irrigated potatoes | 16992830 | 753 | 15684370 | 616 | 19819240 | 770 | | Irrigated onions | 12027390 | 427 | 14109300 | 544 | 16719320 | 531 | | Irrigated tomatoes | 14758500 | 449 | 16834240 | 474 | 21195640 | 616 | | Irrigated navy beans | 5604370 | 2670 | 8065830 | 4486 | 8142080 | 3622 | | Irrigated kidney beans | 6013280 | 3305 | 7133570 | 4321 | 7966250 | 3044 | | Irrigated pinto beans | 8748350 | 4283 | 7960430 | 3855 | 9652740 | 4354 | | Irrigated spring soybeans | 4094840 | 1827 | 4952570 | 1483 | 5508730 | 2250 | | Rainfed spring soybeans | 3506150 | 1503 | 4251510 | 1872 | 4263530 | 3057 | | Irrigated summer soybeans | 4779710 | 1905 | 5391290 | 2015 | 5508080 | 2357 | | Rainfed summer soybeans | 3227050 | 1518 | 3574750 | 2244 | 2693840 | 2538 | | Quality long grain rice | 14012950 | 3715 | 15808370 | 4181 | 18511450 | 4938 | | High-yielding long grain rice | 11040340 | 1721 | 13363460 | 2029 | 12569820 | 2106 | | Quality mid-size rice | 11643870 | 2919 | 13024610 | 2987 | 16050140 | 4061 | | Short grain rice | 9585760 | 2719 | 11940050 | 2969 | 10663970 | 2857 | |
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| **4. 21. AVERAGE PRODUCTION COSTS AND FARM-GATE PRICES(1) OF SELECTED ANNUAL CROPS (continued) (rial)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Crop | 1385-86 | | 1386-87 | | | Costs of production | Farm-gate prices | Costs of production | Farm-gate prices | | Irrigated wheat | 5565800 | 1519 | 6386490 | 2485 | | Rainfed wheat | 1696090 | 1673 | 1835530 | 5629 | | Irrigated barley | 4768430 | 1629 | 5566600 | 2827 | | Rainfed barley | 1652360 | 1632 | 1630650 | 6375 | | Irrigated grain corn | 8349920 | 1155 | 8757840 | 1445 | | Irrigated peas | 4525690 | 4771 | 3616880 | 7865 | | Rainfed peas | 2129010 | 4951 | 2019830 | 13202 | | Irrigated lentils | 5202950 | 5428 | 6279630 | 8632 | | Rainfed lentils | 2442040 | 5708 | 2795230 | 9818 | | Irrigated sunflower | 11166780 | 5886 | 10399420 | 5789 | | Rainfed sunflower | 3172570 | 3699 | 3573600 | 4146 | | Irrigated cotton | 9082240 | 3649 | 11569550 | 4438 | | Rainfed cotton | 5706500 | 4488 | 6084190 | 5267 | | Sugar beets | 13233730 | 389 | 14185940 | 360 | | Irrigated watermelons | 11527940 | 445 | 11908080 | 486 | | Rainfed watermelons | 2456500 | 420 | 6322430 | 906 | | Irrigated cucumbers | 18472090 | 1032 | 25882520 | 1096 | | Irrigated potatoes | 28271310 | 937 | 27823350 | 1127 | | Irrigated onions | 22663150 | 674 | 26345610 | 642 | | Irrigated tomatoes | 23957610 | 652 | 29646690 | 794 | | Irrigated navy beans | 11022310 | 5574 | 11904640 | 6005 | | Irrigated kidney beans | 11395680 | 5813 | 12233970 | 6827 | | Irrigated pinto beans | 12407020 | 4640 | 12947060 | 6336 | | Irrigated spring soybeans |  |  | 10267760 | 3760 | | Rainfed spring soybeans | 5333510 | 2023 | 4949900 | 2626 | | Irrigated summer soybeans | 6567880 | 2433 | 7254660 | 2874 | | Rainfed summer soybeans | 4449710 | 3075 | 4313410 | 2902 | | Quality long grain rice | 18929670 | 5073 | 26792130 | 7485 | | High-yielding long grain rice | 13992060 | 2103 | 19122210 | 2803 | | Quality mid-size rice | 21292370 | 4498 | 25120940 | 6506 | | Short grain rice | 9246340 | 2798 | 16020060 | 4849 | |
| *1. Farm-gate price of selected annual products excluding by-product.* |
| *Source: Ministry of Jihad-e-Agriculture.* |
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| **4. 22. AMOUNT OF FERTILIZERS DISTRIBUTED BY TYPE (ton)** |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Year and Ostan | Total | Nitrogenous | Phosphate | Potash | Macro & micro elements | | 1370\*\* | 2114444 | 1050737 | 1063494 | 223 | 0 | | 1375 | 2225669 | 1370893 | 813192 | 41578 | 0 | | 1380 | 2919813 | 1761637 | 656242 | 213176 | 288758 | | 1384 | 3823776 | 2000695 | 1008807 | 315280 | 498994 | | 1385 | 4574238 | 2511989 | 1244861 | 378162 | 439226 | | 1386 | 3416482 | 2135803 | 853823 | 277928 | 148929 | | 1387 | 3345785 | 2300466 | 836236 | 204333 | 4750 | | ***1388***(1) | ***2959453*** | ***1978566*** | ***737903*** | ***67382*** | ***175600*** | | East Azarbayejan | 103142 | 67683 | 30525 | 1634 | 3300 | | West Azarbayejan | 111340 | 74361 | 27162 | 1017 | 8800 | | Ardebil | 92260 | 57636 | 26492 | 2432 | 5700 | | Esfahan | 124910 | 91688 | 24799 | 2423 | 6000 | | Ilam | 43047 | 29236 | 11034 | 277 | 2500 | | Bushehr | 29305 | 19437 | 6787 | 1481 | 1600 | | Tehran | 63489 | 46626 | 10750 | 1313 | 4800 | | Chaharmahal & Bakhtiyari | 38648 | 24464 | 10564 | 1020 | 2600 | | South Khorasn | 29032 | 18319 | 7413 | 1800 | 1500 | | Khorasan-e-Razavi | 226151 | 151939 | 59745 | 3667 | 10800 | | North Khorasn | 59129 | 40353 | 14808 | 1568 | 2400 | | Khuzestan | 290163 | 208635 | 61256 | 3872 | 16400 | | Zanjan | 68895 | 44984 | 18798 | 513 | 4600 | | Semnan | 32485 | 20249 | 8344 | 1492 | 2400 | | Sistan & Baluchestan | 38811 | 25328 | 8809 | 2474 | 2200 | | Fars | 328599 | 247622 | 61683 | 2994 | 16300 | | Qazvin | 67127 | 44674 | 16430 | 1023 | 5000 | | Qom | 22711 | 14836 | 5722 | 753 | 1400 | | Kordestan | 69090 | 44147 | 21555 | 488 | 2900 | | Kerman | 185016 | 105279 | 64310 | 7527 | 7900 | | Kermanshah | 150281 | 100930 | 36574 | 1077 | 11700 | | Kohgiluyeh & Boyerahmad | 31605 | 18755 | 9534 | 1216 | 2100 | | Golestan | 151070 | 105807 | 30537 | 2226 | 12500 | | Gilan | 86925 | 62094 | 15965 | 3766 | 5100 | | Lorestan | 99831 | 61720 | 29208 | 1503 | 7400 | | Mazandaran | 115849 | 77536 | 27843 | 3770 | 6700 | | Markazi | 85259 | 55819 | 18248 | 2992 | 8200 | | Hormozgan | 38862 | 26138 | 7781 | 3443 | 1500 | | Hamedan | 116753 | 71518 | 29477 | 6858 | 8900 | | Yazd | 33650 | 20753 | 9734 | 763 | 2400 | |
| *1. Difference between the total and sum of parts is due to the inclusion of phosphate fertilizer in the total, distributed in Ostans directly by fertilizer manufacturing companies.* |
| *2.The amount of fertilizer distributed in Jiroft is included in Kerman Ostan* |
| *Source: Agricultural Support Services Company.* |

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| **4. 23. PESTICIDES SOLD BY TYPE (ton)** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Year | Total | Insecticides | Acaricides | Fungicides | Herbicides | Rodenti-cides | Mollusc-ocides | Granule and oil(1) | Others | | 1375 | 15823 | (2)7986 | 1152 | 1921 | 4661 | 55 | 14 | (2)000 | 34 | | 1380 | 25578 | (3)8663 | 1134 | 2813 | 7211 | 122 | 65 | 5537 | 33 | | 1384 | 19830 | (3)4699 | 336 | 3111 | 9263 | 98 | 14 | 2302 | 8 | | 1385 | 20894 | (3)3917 | 240 | 3285 | 9971 | 5 | 0 | 3394 | 82 | | 1386 | 14354 | (3)920 | 129 | 2208 | 7120 | 73 | 1 | 3856 | 47 | | 1387 | 7818 | 351 | 75 | 1207 | 2537 | 33 | 0 | 3558 | 57 | | ***1388*** | ***5830*** | ***288*** | ***65*** | ***602*** | ***1806*** | ***0*** | ***0*** | ***2969*** | ***100*** | |
| *1. Including diazinon granules, padan granules, emulsified oil and regent.* |
| *2. Granule and oil pesticides are included with insecticides in 1375.* |
| *3. Including tablets.* |
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| *Source: Agricultural Support Services Company.* |

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| **4.24. DOMESTIC PRODUCTION AND SALE OF SELECTED AGRICULTURAL MACHINERY BY MANUFACTURING ESTABLISHMENTS (unit)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | Tractor | | Combine | | Ploughshare | | | Production | Sale | Production | Sale | Production | Sale | | 1375 | 5452 | 4727 | 240 | 225 | 6856 | 6688 | | 1380 | 12208 | 12560 | 346 | 4 | 7031 | 4644 | | 1382 | 15377 | 13911 | 490 | 489 | 8411 | 7648 | | 1383 | 18320 | 18052 | 529 | 562 | 3354 | 3156 | | 1384 | 25338 | 22969 | 787 | 771 | 5696 | 5634 | | 1385 | 32929 | 27351 | 968 | 968 | 6010 | 5858 | | ***1386*** | ***35244*** | ***37097*** | ***884*** | ***756*** | ***8177*** | ***7573*** | |
| *Source: Statistical Centre of Iran.* |
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| **4. 25. HOLDINGS USING THE FOLLOWING AGRICULTURAL MACHINES AND MACHINERY1382** |
| |  |  |  |  | | --- | --- | --- | --- | | Types of agricultural machines and machinery | Total | Owned by holder | Owned by others | | Tractor | 2419557 | 292828 | 2126729 | | Tiller | 425899 | 128717 | 297184 | | Combine | 1014949 | 13501 | 1001448 | | Trailer | 1498503 | 248369 | 1250134 | | Harvester | 214061 | 17921 | 196139 | | Mower | 82195 | 9703 | 72492 | | Rake | 40706 | 6637 | 34069 | | Baler | 128462 | 5876 | 122587 | | Chopper | 8054 | 564 | 7491 | | Wheat and barley thresher | 1215846 | 86536 | 1129311 | | Rice thresher | 275678 | 32183 | 243495 | | Tractor plough | 2047513 | 252642 | 1794870 | | Disk | 1072430 | 126876 | 945554 | | Furrower | 238762 | 32459 | 206305 | | Ditcher | 322564 | 45500 | 277064 | | Cultivator | 419354 | 44748 | 374606 | | Fertilizer broadcaster | 307238 | 42031 | 265207 | | Tractor sprayer | 732700 | 65749 | 666951 | | Motorized sprayer | 372761 | 57169 | 315592 | | Knapsack sprayer | 631831 | 232577 | 399254 | | Water pump motor (diesel) | 571002 | 397731 | 173271 | | Electric motor | 497947 | 385272 | 112674 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 26. HOLDINGS USING AGRICULTURAL MACHINERY AND EQUIPMENT BY OSTAN 1382** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Tractor | Tiller | Combine | Trailer | Harvester | Mower | Rake | Baler | | ***Total country*** | ***2419557*** | ***425899*** | ***1014949*** | ***1498503*** | ***214061*** | ***82195*** | ***40706*** | ***128462*** | | East Azarbayejan | 169880 | 3781 | 36961 | 111401 | 11899 | 8293 | 1744 | 979 | | West Azarbayejan | 157449 | 2622 | 28684 | 129759 | 28958 | 19112 | 1496 | 215 | | Ardebil | 82748 | 832 | 53719 | 71859 | 2877 | 2320 | 355 | 5466 | | Esfahan | 131208 | 5137 | 40186 | 48522 | 8536 | 8533 | 4336 | 6635 | | Ilam | 45109 | 142 | 15550 | 28077 | 9434 | 68 | 17 | 184 | | Bushehr | 24209 | 295 | 10852 | 8700 | 376 | 137 | 7 | 21 | | Tehran | 26588 | 2415 | 10973 | 5233 | 2329 | 2643 | 1788 | 3447 | | Chaharmahal & Bakhtiyari | 44748 | 1355 | 6017 | 30220 | 3871 | 5077 | 3168 | 1368 | | South Khorasan | 23242 | 263 | 1911 | 5257 | 2303 | 43 | 64 | 65 | | Khorasan-e-Razavi | 242869 | 6249 | 72736 | 106560 | 37383 | 1908 | 1866 | 2695 | | North Khorasan | 57829 | 218 | 19385 | 44261 | 13615 | 230 | 514 | 1370 | | Khuzestan | 109010 | 545 | 52495 | 60904 | 5670 | 931 | 182 | 3681 | | Zanjan | 57721 | 1156 | 14600 | 49197 | 5439 | 249 | 745 | 55 | | Semnan | 19326 | 468 | 8644 | 8638 | 1298 | 573 | 578 | 3905 | | Sistan & Baluchestan | 37901 | 294 | 2045 | 2715 | 631 | 55 | 230 | 24 | | Fars | 155740 | 25402 | 107898 | 74484 | 4604 | 3574 | 3279 | 2216 | | Qazvin | 38767 | 3882 | 12709 | 21399 | 2991 | 3862 | 3665 | 5153 | | Qom | 5434 | 119 | 3289 | 1617 | 572 | 808 | 820 | 765 | | Kordestan | 81096 | 288 | 42703 | 70198 | 1909 | 1103 | 1027 | 594 | | Kerman | 135977 | 8681 | 16420 | 38278 | 2863 | 3552 | 274 | 105 | | Kermanshah | 109398 | 267 | 76586 | 80500 | 7557 | 296 | 371 | 386 | | Kohgiluyeh & Boyerahmad | 39370 | 918 | 7838 | 16832 | 681 | 95 | 39 | 23 | | Golestan | 99325 | 6284 | 78295 | 77431 | 731 | 205 | 12 | 27173 | | Gilan | 48149 | 201821 | 11218 | 107487 | 2564 | 64 | 1 | 1406 | | Lorestan | 106528 | 764 | 57195 | 91571 | 14966 | 1501 | 776 | 676 | | Mazandaran | 179573 | 148392 | 152179 | 98773 | 1768 | 1489 | 24 | 48670 | | Markazi | 55670 | 358 | 20923 | 36170 | 13721 | 5482 | 3624 | 2073 | | Hormozgan | 8174 | 119 | 1794 | 1262 | 15 | 27 | 40 | 22 | | Hamedan | 88531 | 729 | 46504 | 56871 | 18590 | 8360 | 9523 | 9071 | | Yazd | 37986 | 2103 | 4641 | 14324 | 5909 | 1608 | 142 | 19 | |
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| **4. 26. HOLDINGS USING AGRICULTURAL MACHINERY AND EQUIPMENT BY OSTAN, 1382 (continued)** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Chopper | Wheat and barley thresher | Rice thresher | Tractor plough | Disk | Furrower | Ditcher | | ***Total country*** | ***8054*** | ***1215846*** | ***275678*** | ***2047513*** | ***1072430*** | ***238762*** | ***322564*** | | East Azarbayejan | 27 | 121419 | 664 | 153746 | 35460 | 1841 | 2331 | | West Azarbayejan | 30 | 99473 | 63 | 130065 | 47943 | 6276 | 4338 | | Ardebil | 15 | 42635 | 156 | 78941 | 22872 | 7397 | 14422 | | Esfahan | 1761 | 69663 | 8776 | 116733 | 35015 | 21549 | 23821 | | Ilam | 1 | 32261 | 1256 | 43691 | 6385 | 1099 | 4114 | | Bushehr | 2 | 4465 | 0 | 13308 | 19521 | 666 | 2037 | | Tehran | 2343 | 6258 | 3 | 20115 | 16760 | 9763 | 13820 | | Chaharmahal & Bakhtiyari | 85 | 36210 | 2618 | 39322 | 12965 | 3875 | 6450 | | South Khorasan | 2 | 18519 | 0 | 20158 | 7120 | 200 | 469 | | Khorasan-e-Razavi | 730 | 153137 | 1521 | 221738 | 125580 | 28226 | 27406 | | North Khorasan | 28 | 37334 | 174 | 55196 | 37031 | 15322 | 5047 | | Khuzestan | 37 | 54488 | 3809 | 88420 | 70373 | 13809 | 36463 | | Zanjan | 15 | 41345 | 1082 | 54326 | 13963 | 2877 | 1320 | | Semnan | 70 | 9209 | 0 | 17846 | 13478 | 6889 | 6772 | | Sistan & Baluchestan | 5 | 8622 | 86 | 32138 | 30300 | 541 | 9340 | | Fars | 1531 | 39990 | 3473 | 139812 | 109597 | 64270 | 60279 | | Qazvin | 847 | 20908 | 2779 | 35797 | 23032 | 10068 | 14723 | | Qom | 18 | 3220 | 0 | 4894 | 4123 | 1285 | 2928 | | Kordestan | 1 | 63115 | 0 | 75266 | 59169 | 1290 | 1151 | | Kerman | 121 | 22664 | 0 | 84939 | 46839 | 7533 | 16134 | | Kermanshah | 15 | 64954 | 220 | 106391 | 35985 | 7059 | 11094 | | Kohgiluyeh &Boyerahmad | 3 | 32054 | 706 | 29966 | 2494 | 813 | 897 | | Golestan | 116 | 8712 | 4328 | 91155 | 93053 | 911 | 25454 | | Gilan | 3 | 11601 | 193828 | 17100 | 7594 | 21 | 23 | | Lorestan | 21 | 82396 | 2396 | 103370 | 20173 | 5891 | 4870 | | Mazandaran | 13 | 7880 | 47739 | 103346 | 115869 | 369 | 215 | | Markazi | 148 | 42542 | 1 | 53295 | 16004 | 4976 | 6756 | | Hormozgan | 1 | 85 | 0 | 5962 | 2875 | 1083 | 4798 | | Hamedan | 51 | 56060 | 2 | 83482 | 29229 | 10401 | 11024 | | Yazd | 14 | 24626 | 0 | 26994 | 11629 | 2464 | 4071 | |
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| **4. 26. HOLDINGS USING AGRICULTURAL MACHINERY AND EQUIPMENT BY OSTAN: 1382 (continued)** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Cultivator | Fertilizer | Tractor sprayer | Motorized sprayer | Knapsack sprayer | Water pump motor (diesel) | Electric motor | | ***Total country*** | ***419354*** | ***307238*** | ***732700*** | ***372761*** | ***631831*** | ***571002*** | ***497947*** | | East Azarbayejan | 6614 | 2687 | 34686 | 22922 | 35922 | 55757 | 28327 | | West Azarbayejan | 38759 | 11802 | 74515 | 8785 | 14203 | 53777 | 15356 | | Ardebil | 3822 | 7960 | 14648 | 5145 | 7937 | 8737 | 1468 | | Esfahan | 13339 | 6252 | 27153 | 17418 | 52984 | 29961 | 64459 | | Ilam | 4571 | 5594 | 16196 | 2871 | 15969 | 2010 | 1530 | | Bushehr | 277 | 5807 | 2875 | 1608 | 4297 | 6475 | 969 | | Tehran | 4778 | 6597 | 13543 | 16298 | 16996 | 14685 | 15764 | | Chaharmahal & Bakhtiyari | 2858 | 2536 | 7595 | 1937 | 4098 | 4698 | 7944 | | South Khorasan | 11386 | 300 | 455 | 620 | 5635 | 1105 | 6839 | | Khorasan-e-Razavi | 131120 | 15909 | 33326 | 29994 | 56214 | 40016 | 86615 | | North Khorasan | 7820 | 2289 | 4080 | 4931 | 10037 | 3726 | 6584 | | Khuzestan | 5765 | 46368 | 45476 | 5856 | 20052 | 28418 | 3686 | | Zanjan | 1334 | 2070 | 8119 | 5511 | 9966 | 9161 | 8840 | | Semnan | 3011 | 4307 | 4563 | 7227 | 9384 | 2178 | 9295 | | Sistan & Baluchestan | 38 | 180 | 144 | 631 | 6094 | 13286 | 5028 | | Fars | 16832 | 59656 | 79271 | 12310 | 40108 | 55713 | 39404 | | Qazvin | 5135 | 7272 | 10440 | 3592 | 8938 | 14744 | 16603 | | Qom | 1478 | 2122 | 1771 | 1165 | 1992 | 1129 | 1941 | | Kordestan | 9189 | 7082 | 24107 | 3136 | 8733 | 4874 | 2488 | | Kerman | 46423 | 4117 | 74152 | 6883 | 15838 | 31106 | 68577 | | Kermanshah | 19654 | 22262 | 50840 | 10770 | 38388 | 10183 | 4238 | | Kohgiluyeh & Boyerahmad | 110 | 212 | 2453 | 2163 | 3416 | 879 | 629 | | Golestan | 1112 | 46869 | 42200 | 3739 | 44867 | 27882 | 5486 | | Gilan | 13566 | 467 | 61 | 24844 | 73759 | 15460 | 7154 | | Lorestan | 10484 | 12763 | 41501 | 2424 | 31179 | 7849 | 4879 | | Mazandaran | 25056 | 4394 | 61594 | 142063 | 40872 | 76588 | 28480 | | Markazi | 24516 | 5853 | 13085 | 5648 | 11842 | 13130 | 16122 | | Hormozgan | 180 | 1356 | 1087 | 2456 | 4872 | 14534 | 1731 | | Hamedan | 2440 | 9730 | 31093 | 8701 | 20128 | 19873 | 23194 | | Yazd | 7686 | 2426 | 11671 | 11114 | 17112 | 3068 | 14320 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 27. NUMBER OF HOLDINGS AND LIVESTOCK (1) ON THE ENUMERATION DAY BY OSTAN (head)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Sheep | | Goats | | Cattle | | | Number of holdings | Number of livestock | Number of holdings | Number of livestock | Number of holdings | Number of livestock | | 1382 | 1117281 | 37137289 | 1070057 | 20166878 | 1250232 | 6009547 | | 1384 | 1218797 | (1)53800136 | 1156009 | (1)25530649 | 1321531 | 7609358 | | ***1387*** | ***1105727*** | ***49976138*** | ***1087932*** | ***22333547*** | ***1210741*** | ***7088984*** | | East Azarbayejan | 73204 | 3271986 | 40144 | 664100 | 97459 | 510623 | | West Azarbayejan | 46350 | 3787335 | 26818 | 476525 | 92493 | 607546 | | Ardebil | 34443 | 2075865 | 22472 | 300064 | 50837 | 381547 | | Esfahan | 31556 | 1843930 | 27094 | 725839 | 36799 | 247926 | | Ilam | 15046 | 994060 | 16807 | 470868 | 16327 | 102673 | | Bushehr | 9198 | 447728 | 22635 | 543498 | 8100 | 37454 | | Tehran | 15501 | 1478102 | 10110 | 224891 | 12840 | 253253 | | Chaharmahal & Bakhtiyari | 16973 | 773295 | 17198 | 417808 | 29375 | 110706 | | South Khorasan | 48537 | 832675 | 56913 | 907880 | 20013 | 58775 | | Khorasan-e-Razavi | 187193 | 7361108 | 152944 | 1604164 | 59566 | 293788 | | North Khorasan | 25588 | 1318598 | 12845 | 251030 | 22267 | 116593 | | Khuzestan | 41655 | 3624724 | 45289 | 2106619 | 85075 | 584361 | | Zanjan | 30217 | 893728 | 24375 | 253368 | 36052 | 158664 | | Semnan | 14592 | 1349272 | 10124 | 311119 | 8382 | 95485 | | Sistan & Baluchestan | 55941 | 913257 | 114685 | 2024715 | 18241 | 109813 | | Fars | 76777 | 3977541 | 113919 | 3822271 | 43826 | 298666 | | Qazvin | 20196 | 816036 | 11142 | 136776 | 27693 | 198145 | | Qom | 3784 | 235732 | 3032 | 116091 | 3999 | 138989 | | Kordestan | 40933 | 1304863 | 30186 | 384610 | 48983 | 187905 | | Kerman | 51075 | 1452856 | 83491 | 2019726 | 46593 | 218694 | | Kermanshah | 31117 | 2021653 | 27390 | 427805 | 40266 | 200210 | | Kohgiluyeh & Boyerahmad | 11596 | 442590 | 17933 | 734726 | 15131 | 63176 | | Golestan | 34559 | 1677359 | 17580 | 283639 | 71274 | 349797 | | Gilan | 10901 | 620955 | 5208 | 103727 | 105035 | 550766 | | Lorestan | 33802 | 1680154 | 33305 | 784173 | 41618 | 194527 | | Mazandaran | 29162 | 1219455 | 6591 | 112387 | 63107 | 476772 | | Markazi | 31946 | 1422669 | 17826 | 194370 | 42119 | 226704 | | Hormozgan | 17546 | 174738 | 71163 | 1252739 | 26960 | 96738 | | Hamedan | 42300 | 1429799 | 22503 | 170790 | 31884 | 150660 | | Yazd | 24040 | 534074 | 26210 | 507221 | 8428 | 68029 | |
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| **4. 27. NUMBER OF HOLDINGS AND LIVESTOCK(1) ON THE ENUMERATION DAY BY OSTAN (continued) (head)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Year and Ostan | Buffaloes | | Camels | | | Number of holdings | Number of livestock | Number of holdings | Number of livestock | | 1382 | 29141 | 159196 | 17104 | 139287 | | 1384 | 31344 | 191438 | 24147 | 151932 | | 1387 | 000 | 000 | 000 | 000 | | East Azarbayejan | 000 | 000 | 000 | 000 | | West Azarbayejan | 000 | 000 | 000 | 000 | | Ardebil | 000 | 000 | 000 | 000 | | Esfahan | 000 | 000 | 000 | 000 | | Ilam | 000 | 000 | 000 | 000 | | Bushehr | 000 | 000 | 000 | 000 | | Tehran | 000 | 000 | 000 | 000 | | Chaharmahal & Bakhtiyari | 000 | 000 | 000 | 000 | | South Khorasan | 000 | 000 | 000 | 000 | | Khorasan-e-Razavi | 000 | 000 | 000 | 000 | | North Khorasan | 000 | 000 | 000 | 000 | | Khuzestan | 000 | 000 | 000 | 000 | | Zanjan | 000 | 000 | 000 | 000 | | Semnan | 000 | 000 | 000 | 000 | | Sistan & Baluchestan | 000 | 000 | 000 | 000 | | Fars | 000 | 000 | 000 | 000 | | Qazvin | 000 | 000 | 000 | 000 | | Qom | 000 | 000 | 000 | 000 | | Kordestan | 000 | 000 | 000 | 000 | | Kerman | 000 | 000 | 000 | 000 | | Kermanshah | 000 | 000 | 000 | 000 | | Kohgiluyeh & Boyerahmad | 000 | 000 | 000 | 000 | | Golestan | 000 | 000 | 000 | 000 | | Gilan | 000 | 000 | 000 | 000 | | Lorestan | 000 | 000 | 000 | 000 | | Mazandaran | 000 | 000 | 000 | 000 | | Markazi | 000 | 000 | 000 | 000 | | Hormozgan | 000 | 000 | 000 | 000 | | Hamedan | 000 | 000 | 000 | 000 | | Yazd | 000 | 000 | 000 | 000 | |
| |  | | --- | | *1)Increase in the number of small livestock (sheep, lamb and goats) is due to development of livestock raising farms as well as different implementation times of the 1384 Livestock Farm Survey and the 1382 Census of Agriculture. The Census was conducted in Mehr when the number of small livestock was at its minimum (over the year), while the Survey was implemented in months of Day and Bahman coinciding with the time of giving birth of small livestock, when the number of sheep and goat population was at its maximum level.* | | *Source: Statistical Centre of Iran.* | |
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| **4. 28. NUMBER OF HOLDINGS, LIVESTOCK MILKED(1) AND MILK PRODUCTION BY TYPE OF LIVESTOCK AND OSTAN (head; ton)** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Total milk production | Sheep | | | Goat | | | | Number of holdings | Number of sheep milked | Milk production | Number of holdings | Number of goats milked | Milk production | | 1382 | (2)5983863 | 634991 | 12830109 | 612594 | 737767 | 8286662 | 497974 | | 1384 | 7248467 | 751932 | 16942306 | 543935 | 830472 | 8982559 | 410056 | | ***1387*** | ***6679890*** | ***540037*** | ***11573720*** | ***444004*** | ***662234*** | ***5872081*** | ***270157*** | | East Azarbayejan | 654613 | 68491 | 1381862 | 80827 | 32766 | 253584 | 22806 | | West Azarbayejan | 440755 | 33906 | 1173248 | 74044 | 17783 | 166001 | 11808 | | Ardebil | 229288 | 31468 | 816708 | 38613 | 20696 | 124689 | 13523 | | Esfahan | 407992 | 4647 | 129621 | 4693 | 13574 | 141761 | 6777 | | Ilam | 76989 | 4743 | 156968 | 8594 | 6186 | 86367 | 2704 | | Bushehr | 11146 | 416 | 5802 | 373 | 1503 | 19967 | 1429 | | Tehran | 341590 | 10393 | 476763 | 16007 | 8130 | 87768 | 4682 | | Chaharmahal & Bakhtiyari | 147913 | 8105 | 177931 | 3996 | 11354 | 147086 | 6448 | | South Khorasan | 68036 | 18782 | 180862 | 2948 | 40575 | 308637 | 7323 | | Khorasan-e-Razavi | 570706 | 106365 | 2007346 | 45159 | 88593 | 412305 | 15543 | | North Khorasan | 156874 | 20887 | 504260 | 12310 | 8327 | 51914 | 2022 | | Khuzestan | 154784 | 3822 | 37658 | 1694 | 29053 | 505473 | 21698 | | Zanjan | 142611 | 25186 | 369792 | 11676 | 21464 | 117052 | 6970 | | Semnan | 155311 | 5391 | 274632 | 5426 | 3895 | 57765 | 1718 | | Sistan & Baluchestan | 95220 | 21576 | 170242 | 5734 | 79689 | 542898 | 24776 | | Fars | 402615 | 18239 | 534768 | 10023 | 45831 | 614389 | 16446 | | Qazvin | 183718 | 4569 | 75548 | 4979 | 4715 | 26339 | 1730 | | Qom | 109987 | 761 | 23249 | 1413 | 913 | 16003 | 1207 | | Kordestan | 209961 | 27411 | 424287 | 17874 | 18028 | 128006 | 7482 | | Kerman | 181147 | 24027 | 263210 | 8809 | 65620 | 618049 | 21541 | | Kermanshah | 211991 | 23095 | 666936 | 28114 | 20939 | 167046 | 15742 | | Kohgiluyeh & Boyerahmad | 53321 | 1505 | 30041 | 829 | 17383 | 347005 | 13361 | | Golestan | 323214 | 6308 | 233225 | 4585 | 3829 | 46611 | 1376 | | Gilan | 71463 | 7637 | 218973 | 7147 | 4456 | 42408 | 1126 | | Lorestan | 295801 | 14512 | 393996 | 7612 | 26424 | 404417 | 19500 | | Mazandaran | 406412 | 15260 | 317768 | 14208 | 3774 | 30034 | 1085 | | Markazi | 184078 | 6084 | 179081 | 14730 | 8576 | 41163 | 2372 | | Hormozgan | 32148 | 1775 | 15471 | 472 | 16548 | 143821 | 3751 | | Hamedan | 175434 | 20058 | 305656 | 9889 | 19855 | 75277 | 4307 | | Yazd | 184772 | 4617 | 27813 | 1227 | 21755 | 148244 | 8905 | |
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| **4. 28. NUMBER OF HOLDINGS, LIVESTOCK MILKED(1) AND MILK PRODUCTION BY TYPE OF LIVESTOCK AND OSTAN (continued) (head; ton)** |
| |  |  |  |  | | --- | --- | --- | --- | | Year and Ostan | ‍‍‍Cattle | | | | Number of holdings | Number of cattle milked | Milk production | | 1382 | 1055724 | 2359676 | 4768589 | | 1384 | 1187672 | 2719058 | 6294476 | | ***1387*** | ***1010879*** | ***2420143*** | ***5965728*** | | East Azarbayejan | 92484 | 219732 | 550979 | | West Azarbayejan | 79553 | 201303 | 354904 | | Ardebil | 46905 | 128949 | 177152 | | Esfahan | 33650 | 99185 | 396522 | | Ilam | 14914 | 38395 | 65691 | | Bushehr | 6020 | 8162 | 9344 | | Tehran | 11336 | 77595 | 320902 | | Chaharmahal & Bakhtiyari | 25674 | 45128 | 137470 | | South Khorasan | 16667 | 24240 | 57765 | | Khorasan-e-Razavi | 55028 | 127485 | 510003 | | North Khorasan | 19615 | 43133 | 142543 | | Khuzestan | 59731 | 127172 | 131393 | | Zanjan | 24808 | 52539 | 123965 | | Semnan | 6793 | 29854 | 148167 | | Sistan & Baluchestan | 13611 | 38939 | 64709 | | Fars | 31341 | 95983 | 376146 | | Qazvin | 22834 | 53788 | 177009 | | Qom | 2931 | 24717 | 107366 | | Kordestan | 47279 | 100404 | 184604 | | Kerman | 38381 | 76804 | 150797 | | Kermanshah | 36692 | 78970 | 168134 | | Kohgiluyeh & Boyerahmad | 15039 | 26748 | 39131 | | Golestan | 60620 | 127681 | 317253 | | Gilan | 63929 | 109628 | 63190 | | Lorestan | 38666 | 106525 | 268689 | | Mazandaran | 54421 | 163396 | 391118 | | Markazi | 35086 | 62323 | 166976 | | Hormozgan | 17742 | 34702 | 27925 | | Hamedan | 30900 | 63544 | 161238 | | Yazd | 8230 | 33118 | 174641 | |
| |  | | --- | | *1) Referring to female livestock that has given birth during the last 365 days to the census day and been milked. The livestock whose whole milk is used by its baby is not considered livestock milked.* | | *2) Difference between the total and sum of its parts is due to buffalo and camel milk production.* | |
| *Source: Statistical Centre of Iran.* |
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| **4. 29. HOLDINGS WITH GENERATING LIVESTOCK, THEIR NUMBER OF LIVESTOCK, PRODUCTION OF SHEEP WOOL, AND GOAT HAIR AND SOFT WOOL BY OSTAN** **(head; ton)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Sheep wool | | | Goat hair and soft wool | | | | Number of holdings | Number of livestock | Production | Number of holdings | Number of livestock | Production | | 1382 | 967327 | 29520042 | 36008058 | 272969 | 5452610 | 2448941 | | 1384 | 1085395 | 40361587 | 52454715 | 249420 | 5988723 | 2905312 | | ***1387*** | ***974221*** | ***34801936*** | ***38114067*** | ***244895*** | ***779182*** | ***344596*** | | East Azarbayejan | 72163 | 2325657 | 2979326 | 146 | 731 | 731 | | West Azarbayejan | 44278 | 2581305 | 3638736 | 10895 | 33031 | 26310 | | Ardebil | 33241 | 1538043 | 2125560 | 0 | 0 | 0 | | Esfahan | 24650 | 1238991 | 925257 | 1455 | 5290 | 1756 | | Ilam | 12196 | 628759 | 683709 | 5737 | 18652 | 6993 | | Bushehr | 7840 | 310632 | 308990 | 722 | 2892 | 1648 | | Tehran | 14708 | 1195323 | 1020756 | 251 | 570 | 237 | | Chaharmahal & Bakhtiyari | 16414 | 589067 | 577002 | 2819 | 8579 | 5226 | | South Khorasan | 44760 | 599576 | 478639 | 49844 | 157111 | 41237 | | Khorasan-e-Razavi | 171319 | 5002503 | 5824709 | 9471 | 26504 | 14878 | | North Khorasan | 23673 | 817796 | 960147 | 1438 | 5308 | 4157 | | Khuzestan | 36242 | 2747870 | 3440795 | 747 | 1556 | 1274 | | Zanjan | 28301 | 699597 | 407253 | 422 | 468 | 305 | | Semnan | 11967 | 1181189 | 857101 | 633 | 2462 | 799 | | Sistan & Baluchestan | 39991 | 456910 | 542033 | 54790 | 181190 | 72872 | | Fars | 59793 | 2692477 | 2021580 | 7136 | 28364 | 7508 | | Qazvin | 18692 | 515184 | 362093 | 1140 | 3757 | 1513 | | Qom | 2817 | 167981 | 158884 | 479 | 2055 | 2054 | | Kordestan | 40342 | 857636 | 627254 | 8087 | 29233 | 12017 | | Kerman | 33234 | 783216 | 594206 | 37282 | 107628 | 50749 | | Kermanshah | 29859 | 1376931 | 1940589 | 7470 | 22834 | 12289 | | Kohgiluyeh & Boyerahmad | 9957 | 253674 | 194188 | 204 | 664 | 301 | | Golestan | 31894 | 1272790 | 1925001 | 8699 | 26120 | 13932 | | Gilan | 7476 | 390935 | 646411 | 1641 | 4381 | 4470 | | Lorestan | 32688 | 1181563 | 1480627 | 18389 | 55228 | 33396 | | Mazandaran | 27025 | 920819 | 1425495 | 4081 | 17368 | 13037 | | Markazi | 28738 | 1113253 | 992847 | 39 | 156 | 78 | | Hormozgan | 10731 | 91330 | 67262 | 7452 | 25495 | 10480 | | Hamedan | 41746 | 837729 | 573405 | 0 | 0 | 0 | | Yazd | 17486 | 433203 | 334211 | 3429 | 11554 | 4349 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 30. HOLDINGS RAISING POULTRY VIA TRADITIONAL METHOD BY OSTAN: 1382** |
| **( 1000 fowls)** |
| |  |  |  |  | | --- | --- | --- | --- | | Ostan | Number of holdings | Number of poultry | | | Chickens | Duck, goose and turkey | | ***Total country*** | ***2185600*** | ***24783*** | ***5916*** | | East Azarbayejan | 131200 | 1247 | 165 | | West Azarbayejan | 123108 | 1271 | 276 | | Ardebil | 71525 | 1108 | 139 | | Esfahan | 77674 | 783 | 21 | | Ilam | 26902 | 360 | 42 | | Bushehr | 26569 | 315 | 14 | | Tehran | 19071 | 250 | 37 | | Chaharmahal & Bakhtiyari | 35240 | 396 | 14 | | South Khorasan | 25117 | 166 | 10 | | Khorasan-e-Razavi | 174114 | 1264 | 97 | | North Khorasan | 41266 | 295 | 38 | | Khuzestan | 109374 | 1438 | 160 | | Zanjan | 50301 | 440 | 54 | | Semnan | 13193 | 153 | 10 | | Sistan & Baluchestan | 83597 | 691 | 53 | | Fars | 140887 | 1784 | 64 | | Qazvin | 28436 | 224 | 28 | | Qom | 7004 | 98 | 8 | | Kordestan | 57133 | 457 | 64 | | Kerman | 88475 | 937 | 21 | | Kermanshah | 62710 | 688 | 104 | | Kohgiluyeh & Boyerahmad | 38219 | 444 | 16 | | Golestan | 70504 | 726 | 166 | | Gilan | 219196 | 3714 | 1996 | | Lorestan | 73425 | 992 | 199 | | Mazandaran | 213605 | 2989 | 2001 | | Markazi | 37855 | 299 | 23 | | Hormozgan | 32688 | 214 | 5 | | Hamedan | 69556 | 544 | 80 | | Yazd | 37657 | 498 | 13 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 31. NUMBER AND CAPACITY OF OPERATING MODERN CATTLE FARMS BYACTIVITY** **(head)** |
| |  |  |  |  | | --- | --- | --- | --- | | Year and activity | Number | Capacity (1) | | | Total | Breeders | | 1373 | 9879 | 916371 | 369674 | | 1375 | 9042 | 962228 | 408253 | | 1379 | 8559 | 982074 | - | | 1383 | 14076 | 1637694 | - | | ***1385*** | ***14645*** | ***1895863*** | ***-*** | | Dairy cattle | 10730 | 1324885 | - | | Beef cattle only | 3915 | 570978 | × | |
| *1.Total capacity refers to the total number of livestock that can be reared with regard to installations and equipment available on the farm while breeders capacity refers to the share of the total capacity allocated to female cows, dairy or not dairy, in-calf or not in-calf .* |
| *Sources: Statistical Centre of Iran.* |
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| **4. 32. BROILER CHICKEN FARMS AND THEIR HALLS CAPACITY(1)** |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Year and Ostan | Number of farms | | | Capacity (1000 fowls) | | | Total | In operation | Out of operation | Total | With automatic feeder system | | 1376 | 15291 | 12950 | 2340 | 165036 | 32531 | | 1379 | 15293 | 12026 | 3267 | 195881 | 35542 | | 1380 | 15383 | 11279 | 4104 | 184786 | 35275 | | 1383 | 17267 | 14216 | 3051 | 225729 | 49879 | | ***1388*** | ***17192*** | ***15207*** | ***1985*** | ***260241*** | ***…*** | | East Azarbayejan | 816 | 645 | 171 | 9082 | … | | West Azarbayejan | 544 | 516 | 28 | 9960 | … | | Ardebil | 251 | 234 | 17 | 3896 | … | | Esfahan | 1746 | 1655 | 91 | 28804 | … | | Ilam | 215 | 188 | 27 | 3348 | … | | Bushehr | 103 | 103 | 0 | 2694 | … | | Tehran | 531 | 445 | 86 | 12150 | … | | Chaharmahal & Bakhtiyari | 153 | 144 | 9 | 2765 | … | | South Khorasan | 722 | 631 | 91 | 8109 | … | | Khorasan-e-Razavi | 1363 | 1123 | 240 | 15547 | … | | North Khorasan | 63 | 60 | 3 | 1188 | … | | Khuzestan | 682 | 569 | 113 | 11169 | … | | Zanjan | 123 | 118 | 5 | 3581 | … | | Semnan | 512 | 402 | 110 | 8689 | … | | Sistan & Baluchestan | 125 | 100 | 25 | 3236 | … | | Fars | 999 | 835 | 164 | 14604 | … | | Qazvin | 467 | 445 | 22 | 9613 | … | | Qom | 288 | 242 | 46 | 5782 | … | | Kordestan | 424 | 379 | 45 | 6243 | … | | Kerman | 674 | 624 | 50 | 5623 | … | | Kermanshah | 785 | 696 | 89 | 6708 | … | | Kohgiluyeh & Boyerahmad | 109 | 84 | 25 | 1718 | … | | Golestan | 712 | 653 | 59 | 14031 | … | | Gilan | 657 | 577 | 80 | 10886 | … | | Lorestan | 425 | 378 | 47 | 6119 | … | | Mazandaran | 1551 | 1509 | 42 | 25410 | … | | Markazi | 638 | 511 | 127 | 10453 | … | | Hormozgan | 187 | 164 | 23 | 3491 | … | | Hamedan | 520 | 499 | 21 | 6321 | … | | Yazd | 807 | 678 | 129 | 9022 | … | |
| *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.* |
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| *Source: Statistical Centre of Iran.* |
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| **4. 33. NUMBER AND CAPACITY(1) OF LAYER CHICKEN AND PULLET FARMS** |
| |  |  |  |  | | --- | --- | --- | --- | | Year and Ostan | Number of farms | Number of poultry halls | Capacity (1000 fowls) | | 1370 (2) | 881 | 3361 | 40491 | | 1375 (2) | 1023 | 3600 | 50495 | | 1380 | 1406 | 4839 | 71282 | | 1382 | 1414 | 5984 | 72707 | | 1385 | 1432 | 5096 | 76046 | | ***1388*** | ***1380*** | ***4271*** | ***69221*** | | East Azarbayejan | 268 | 681 | 8242 | | West Azarbayejan | 26 | 63 | 756 | | Ardebil | 22 | 25 | 522 | | Esfahan | 140 | 334 | 6940 | | Tehran | 230 | 1115 | 19263 | | Chaharmahal & Bakhtiyari | 6 | 8 | 156 | | South Khorasan | 15 | 28 | 367 | | Khorasan-e-Razavi | 226 | 564 | 7815 | | Khuzestan | 6 | 38 | 317 | | Zanjan | 16 | 46 | 815 | | Semnan | 23 | 75 | 1135 | | Fars | 28 | 130 | 3574 | | Qazvin | 35 | 227 | 5259 | | Qom | 113 | 367 | 4644 | | Kordestan | 7 | 13 | 186 | | Kerman | 17 | 46 | 853 | | Kermanshah | 15 | 26 | 556 | | Golestan | 14 | 104 | 1865 | | Lorestan | 6 | 8 | 154 | | Mazandaran | 21 | 29 | 619 | | Markazi | 69 | 150 | 2495 | | Hamedan | 34 | 79 | 1285 | | Yazd | 33 | 89 | 801 | | Other ostan | 10 | 26 | 605 | |
| *1. Capacity refers to the number of chickens- hen or cock- that can be reared with regard to installations and equipment available on the farm.* |
| *2. Excluding farms raising pullets.*  *Source: Statistical Centre of Iran.* |
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| **4. 34. NUMBER AND CAPACITY(1) OF BREEDER CHICKEN FARMS** |
| |  |  |  |  | | --- | --- | --- | --- | | Year and Ostan | Number of farms | Number of poultry halls | Capacity (1000 fowls) | | 1370 | 70 | 1192 | 7020 | | 1375 | 170 | 1794 | 9938 | | 1378 | 230 | 2564 | 12476 | | 1380 | 274 | 2599 | 13869 | | 1382 | 343 | 3336 | 16044 | | ***1385*** | ***416*** | ***3846*** | ***18597*** | | East Azarbayejan | 41 | 219 | 1268 | | West Azarbayejan | 43 | 266 | 1353 | | Ardebil | 12 | 87 | 420 | | Esfahan | 18 | 173 | 1018 | | Tehran | 42 | 624 | 3103 | | Khorasan-e-Razavi | 16 | 184 | 776 | | Zanjan | 12 | 156 | 664 | | Semnan | 7 | 83 | 437 | | Fars | 6 | 80 | 317 | | Qazvin | 15 | 315 | 1882 | | Qom | 3 | 28 | 159 | | Kordestan | 5 | 40 | 190 | | Kerman | 3 | 49 | 322 | | Kermanshah | 4 | 46 | 261 | | Golestan | 7 | 100 | 484 | | Gilan | 35 | 283 | 1059 | | Lorestan | 4 | 35 | 146 | | Mazandaran | 105 | 759 | 3233 | | Markazi | 14 | 116 | 594 | | Hamedan | 16 | 98 | 390 | | Other Ostans(2) | 8 | 105 | 523 | |
| *1. Capacity refers to the number of chickens- hen or cock- that can be reared with regard to installations and equipment available on the farm.* |
| *2. Including Ilam, Chaharmahal & Bakhtiyari, South Khorasan, Khuzestan, Hormozgan and Yazd and the remaining Ostans not mentioned here have no activity in this field.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 35. HATCHERY UNITS BY TYPE OF ACTIVITY** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Number of units | Production of one-day-old chicken | | | | | Other poultry | | Broiler chicken | Layer chicken | Broiler breeder chicken | Layer breeder chicken | Indigenous chicken | | 1370 | 67 | 59 | 12 | - | - | - | 4 | | 1375 | 94 | 76 | 17 | - | - | - | 5 | | 1378 | 115 | 89 | 15 | - | - | 15 | 4 | | 1380 | 127 | 98 | 12 | 5 | 2 | 17 | 3 | | 1382 | 135 | 107 | 13 | 4 | 0 | 14 | 2 | | ***1384*** | ***160*** | ***129*** | ***10*** | ***8*** | ***4*** | ***14*** | ***5*** | | East Azarbayejan | 8 | 4 | 0 | 0 | 0 | 1 | 3 | | West Azarbayejan | 6 | 5 | 0 | 0 | 0 | 1 | 0 | | Ardebil | 5 | 5 | 0 | 0 | 0 | 0 | 0 | | Esfahan | 6 | 4 | 0 | 0 | 0 | 2 | 0 | | Tehran | 31 | 26 | 5 | 1 | 1 | 0 | 0 | | Khorasan-e-Razavi | 13 | 7 | 2 | 0 | 0 | 4 | 0 | | Semnan | 3 | 3 | 0 | 0 | 0 | 0 | 0 | | Fars | 6 | 5 | 0 | 0 | 0 | 1 | 0 | | Qazvin | 7 | 4 | 1 | 2 | 1 | 0 | 0 | | Kerman | 6 | 6 | 0 | 0 | 0 | 0 | 0 | | Kermanshah | 3 | 3 | 0 | 0 | 0 | 0 | 0 | | Golestan | 4 | 3 | 0 | 0 | 0 | 0 | 1 | | Gilan | 14 | 11 | 2 | 4 | 2 | 1 | 1 | | Mazandaran | 33 | 31 | 0 | 1 | 0 | 1 | 0 | | Markazi | 3 | 3 | 0 | 0 | 0 | 0 | 0 | | Other Ostans(1) | 12 | 9 | 0 | 0 | 0 | 3 | 0 | |
| *1. Including South Khorasan, Khuzestan, Zanjan, Sistan and Baluchestan, Kordestan, Hormozgan, Hamedan, Yazd and Lorestan and the remaining Ostans not mentioned here have no activity in this field.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 36. NUMBER OF EMPLOYEES AT MODERN CATTLE AND CHICKEN FARMS** |
| |  |  |  |  | | --- | --- | --- | --- | | Description | Total | Unpaid | Wage and salary earners | | ***Total cattle farms*** |  |  |  | | 1372 | 36018 | 21042 | 14976 | | 1374 | 29844 | 14823 | 15020 | | 1378 | 32917 | 17893 | 15023 | | 1382 | 41865 | 16664 | 25201 | | 1385 | 55711 | 26529 | 29182 | | ***Dairy cattle farms*** |  |  |  | | 1372 | 31101 | 17422 | 13679 | | 1374 | 27135 | 13106 | 14030 | | 1378 | 30419 | 16506 | 13914 | | 1382 | 33215 | 12626 | 20589 | | 1385 | 45021 | 19867 | 25153 | | ***Broiler chicken farms*** |  |  |  | | 1375 | 46279 | 20530 | 25750 | | 1378 | 40696 | 18835 | 21862 | | 1379 | 39596 | 18405 | 21191 | | 1382 | 52623 | 21458 | 31165 | | 1388 | - | - | - | | ***Layer chicken and pullet farms*** |  |  |  | | 1377 | 11103 | 1918 | 9185 | | 1379 | 11148 | 1910 | 9238 | | 1381 | 10593 | 1785 | 8808 | | 1384 | 11191 | 1420 | 9771 | | 1388 | - | - | - | | ***Breeder chicken farms*** |  |  |  | | 1370 | 3475 | 41 | 3434 | | 1374 | 4946 | 135 | 4811 | | 1377 | 6357 | 283 | 6074 | | 1379 | 6561 | 248 | 6313 | | 1381 | 8655 | 432 | 8223 | | 1384 | 9765 | 361 | 9404 | | ***Hatcheries*** |  |  |  | | 1370 | 1119 | 37 | 1082 | | 1374 | 1444 | 56 | 1388 | | 1377 | 1741 | 63 | 1678 | | 1379 | 2174 | 99 | 2075 | | 1381 | 2486 | 143 | 2343 | | 1384 | 3270 | 95 | 3175 | |
| *1. Excluding pullet farms.* |
| *Sources: Statistical Centre of Iran.* |
| *- Ministry of Jihad-e-Agriculture.* |
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| **4. 37. COMPENSATION OF EMPLOYEES AT MODERN CATTLE AND CHICKEN FARMS** |
| |  |  |  | | --- | --- | --- | | Description | Wage & salary | Other payments in cash or in kind | | ***Total cattle farms*** |  |  | | 1372 | 29713 | 5263 | | 1374 | 50382 | 13753 | | 1378 | 101863 | 30882 | | 1382 | 359291 | 58851 | | 1385 | 731079 | 97481 | | ***Dairy cattle farms*** |  |  | | 1372 | 27506 | 4942 | | 1374 | 47695 | 13323 | | 1378 | 95815 | 29432 | | 1382 | 304897 | 52986 | | 1385 | 647729 | 89150 | | ***Broiler chicken farms*** |  |  | | 1375 | 70209 | 17580 | | 1378 | 112460 | 32385 | | 1379 | 127416 | 32791 | | 1382 | 360909 | 80808 | | 1388 | - | - | | ***Layer chicken and pullet farms*** |  |  | | 1377 | 47909 | 14562 | | 1379 | 73064 | 20239 | | 1381 | 105643 | 29473 | | 1384 | 190215 | 40400 | | 1388 | - | - | | ***Breeder chicken farms*** |  |  | | 1370 | 4412 | 1233 | | 1374 | 17039 | 5041 | | 1377 | 37099 | 14377 | | 1379 | 59709 | 18900 | | 1381 | 119401 | 33516 | | 1384 | 191061 | 45116 | | ***Hatcheries*** |  |  | | 1370 | 1719 | 443 | | 1374 | 5904 | 948 | | 1377 | 10373 | 3757 | | 1379 | 19484 | 4679 | | 1381 | 33102 | 7937 | | 1384 | 75435 | 14255 | |
| *1. Excluding pullet farms.* |
| *Sources: Statistical Centre of Iran.* |
| *- Ministry of Jihad-e-Agriculture.* |
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| **4. 38. INVESTMENTS IN MODERN CATTLE FARMS BY TYPE OF CAPITAL PROPERTIES** |
| **(mln rials)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Capital properties | 1372 | | 1374 | | | Total cattle farms | Dairy cattle farms | Total cattle farms | Dairy cattle farms | | ***Total*** | ***54895*** | ***47559*** | ***61463*** | ***57929*** | | Machinery and power equipment, durable tools and office equipment | 13243 | 12393 | 17235 | 16488 | | Vehicles | 13781 | 12879 | 20971 | 20147 | | Buildings | 27870 | 22287 | 22392 | 20430 | | Computer software | 0 | 0 | 0 | 0 | | Other | 0 | 0 | 865 | 864 | |

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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital properties | 1378 | | 1382 | | 1385 | | | Total cattle farms | Dairy cattle farms | Total cattle farms | Dairy cattle farms | Total cattle farms | Dairy cattle farms | | ***Total*** | ***98971*** | ***93793*** | ***847564*** | ***625811*** | ***830318*** | ***736228*** | | Machinery and power equipment, durable tools and office equipment | 26778 | 25779 | 133722 | 115029 | 147407 | 140542 | | Vehicles | 20551 | 20135 | 148287 | 116195 | 149012 | 124486 | | Buildings | 49865 | 46318 | 553757 | 390438 | 512918 | 451843 | | Computer software | 231 | 150 | 1679 | 1663 | 3212 | 3203 | | Other | 1545 | 1411 | 10119 | 2486 | 17769 | 16153 | |
| *Sources: Statistical Centre of Iran.* |
| *- Ministry of Jihad-e-Agriculture.* |
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| **4. 39. INVESTMENTS IN MODERN CHICKEN FARMS BY TYPE OF CAPITAL PROPERTIES** |
| **(mln rials)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Description | Total | Manufacturing machinery and office durable equipment | Vehicles | Buildings(1) (excluding value of land) | Computer software | Other | | ***Broiler chicken farms*** |  |  |  |  |  |  | | 1375 | 99531 | 39853 | 8916 | 48419 | - | 2346 | | 1378 | 141188 | 46058 | 5213 | 86430 | 125 | 3364 | | 1379 | 195623 | 52307 | 19477 | 121902 | 346 | 1591 | | 1382 | 388691 | 134238 | 45791 | 198178 | 1080 | 9405 | | 1388 | - | - | - | - | - | - | | ***Layer chicken and pullet farms*** |  |  |  |  |  |  | | 1377 | 97538 | 35176 | 11567 | 50795 | - | - | | 1379 | 71157 | 29680 | 1560 | 37503 | 282 | 2132 | | 1381 | 89030 | 36582 | 10280 | 38885 | 657 | 2625 | | 1384 | 144704 | 56218 | 8730 | 76814 | 571 | 2370 | | 1388 | - | - | - | - | - | - | | ***Breeder chicken farms*** |  |  |  |  |  |  | | 1370 | 5093 | 1952 | 630 | 2071 | - | 440 | | 1374 | 23856 | 8554 | 2898 | 11560 | - | 844 | | 1377 | 67372 | 21177 | 7418 | 38777 | - | - | | 1379 | 50695 | 17992 | 4422 | 25515 | 436 | 2329 | | 1381 | 201336 | 52394 | 11008 | 130180 | 1570 | 6184 | | 1384 | 110626 | 36448 | 6833 | 65104 | 767 | 1473 | | ***Hatcheries*** |  |  |  |  |  |  | | 1370 | 6633 | 4949 | 367 | 1290 | - | 27 | | 1374 | 10784 | 3563 | 824 | 6324 | - | 73 | | 1377 | 12365 | 6652 | 1354 | 4359 | - | - | | 1379 | 32208 | 17258 | 2434 | 12866 | 138 | -487 | | 1381 | 74243 | 43115 | 1362 | 29387 | 195 | 183 | | 1384 | 28856 | 14080 | 1554 | 12381 | 719 | 122 | |
| *1. Including residential and non-residential buildings.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 40. PRODUCTION OF RED MEAT AND MILK (1000 tons)** |
| |  |  |  | | --- | --- | --- | | Year and Ostan | Red meat | Milk | | 1370 | 595 | 4035 | | 1375 | 685 | 4705 | | 1380 | 743 | 5748 | | 1384 | 800 | 7179 | | 1385 | 829 | 7741 | | 1386 | 866 | 8312 | | 1387 | 870 | 8772 | | ***1388*** | ***902*** | ***9552*** | | East Azarbayejan | 54 | 452 | | West Azarbayejan | 55 | 429 | | Ardebil | 38 | 382 | | Esfahan | 52 | 841 | | Ilam | 12 | 43 | | Bushehr | 15 | 62 | | Tehran | 39 | 1049 | | Chaharmahal & Bakhtiyari | 25 | 253 | | South Khorasan | 18 | 111 | | Khorasan-e-Razavi | 69 | 715 | | North Khorasan | 17 | 127 | | Khuzestan | 48 | 423 | | Zanjan | 14 | 125 | | Semnan | 12 | 122 | | Sistan & Baluchestan | 19 | 100 | | Fars | 61 | 446 | | Qazvin | 17 | 227 | | Qom | 11 | 130 | | Kordestan | 21 | 130 | | Kerman | 33 | 269 | | Kermanshah | 23 | 176 | | Kohgiluyeh & Boyerahmad | 12 | 38 | | Golestan | 30 | 482 | | Gilan | 29 | 279 | | Lorestan | 44 | 350 | | Mazandaran | 53 | 715 | | Markazi | 30 | 413 | | Hormozgan | 5 | 28 | | Hamedan | 33 | 468 | | Yazd | 13 | 167 | |
| *Sources: Centre for Rural Researches and Agricultural Economy;* |
| *- Ministry of Jihad-e-Agriculture.* |
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| **4. 41. TOTAL NUMBER OF COWS AND CALVES IN OPERATING MODERN CATTLE FARMS (head)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Total cattle | | | Number of cattle in dairy cattle farms | | | | Total | Exotic | Indigenous | Total | Exotic | Indigenous | | 1373 | 524162 | 484970 | 39192 | 456161 | 446801 | 9360 | | 1375 | 539937 | 498201 | 41736 | 500047 | 478344 | 21703 | | 1379 | 561494 | 518589 | 42905 | 510038 | 493407 | 16631 | | 1383 | 1086672 | 933700 | 152972 | 806785 | 794883 | 11902 | | ***1386*** | ***1158904*** | ***1050587*** | ***108317*** | ***917461*** | ***905012*** | ***12449*** | | East Azarbayejan | 32916 | 31070 | 1846 | 27247 | 26836 | 411 | | West Azarbayejan | 19010 | 15904 | 3106 | 14710 | 13722 | 988 | | Ardebil | 13898 | 13423 | 475 | 11383 | 11293 | 90 | | Esfahan | 193532 | 193513 | 19 | 185142 | 185123 | 19 | | Ilam | 3986 | 3986 | 0 | 1952 | 1952 | 0 | | Bushehr | 9597 | 3891 | 5706 | 31 | 9 | 22 | | Tehran | 342789 | 281213 | 61576 | 255967 | 249761 | 6206 | | Chaharmahal & Bakhtiyari | 11229 | 11229 | 0 | 11167 | 11167 | 0 | | Khorasan | 5281 | 5266 | 15 | 5093 | 5078 | 15 | | South Khorasan | 116667 | 116120 | 547 | 114389 | 114117 | 272 | | Khorasan-e-Razavi | 3862 | 3081 | 781 | 2829 | 2356 | 473 | | North Khorasan | 11179 | 10743 | 436 | 2587 | 2519 | 68 | | Zanjan | 10792 | 10630 | 162 | 9192 | 9100 | 92 | | Semnan | 51945 | 43625 | 8320 | 29273 | 29012 | 261 | | Sistan & Baluchestan | 31242 | 28850 | 2392 | 18309 | 18301 | 8 | | Fars | 52908 | 49956 | 2952 | 43726 | 43628 | 98 | | Qazvin | 22726 | 22456 | 261 | 18307 | 18230 | 77 | | Qom | 34593 | 33881 | 712 | 25006 | 24487 | 519 | | Kordestan | 2077 | 2077 | 0 | 1924 | 1924 | 0 | | Kerman | 23988 | 23959 | 29 | 23883 | 23854 | 29 | | Kermanshah | 6700 | 6700 | 0 | 6150 | 6150 | 0 | | Kohgiluyeh & Boyerahmad | 3845 | 3512 | 333 | 3134 | 3134 | 0 | | Golestan | 18049 | 17722 | 327 | 17692 | 17473 | 219 | | Gilan | 10265 | 7591 | 2674 | 7982 | 6466 | 1516 | | Lorestan | 6333 | 5482 | 851 | 3254 | 3204 | 50 | | Mazandaran | 19538 | 19190 | 348 | 18558 | 18210 | 348 | | Markazi | 49363 | 35598 | 13765 | 10391 | 10391 | 0 | | Hormozgan | 406 | 354 | 52 | 338 | 301 | 37 | | Hamedan | 11702 | 11589 | 113 | 11497 | 11384 | 113 | | Yazd | 38483 | 37965 | 518 | 36347 | 35829 | 518 | |
| *Sources: Statistical Centre of Iran.* |
| *- Ministry of Jihad-e-Agriculture.* |

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| **4. 42. QUANTITY AND VALUE OF MILK AND MANURE PRODUCED IN MODERN CATTLE FARMS** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Milk | | Manure | | | | | Quantity (1000 tons) | Value  (mln rial) | Total cattle farms | | Dairy cattle farms | | | Quantity (1000 cu m) | Value  (mln rial) | Quantity (1000 cu m) | Value  (mln rial) | | 1372 | 799 | 250728 | 2523 | 9789 | 2256 | 8857 | | 1374 | 1007 | 513634 | 2415 | 17755 | 2229 | 16173 | | 1378 | 1215 | 1247549 | 2000 | 35060 | 1865 | 32775 | | 1382 | 1782 | 3507457 | (1)2602 | 124958 | (1)2109 | 107210 | | ***1385*** | ***2415*** | ***6624859*** | ***3233*** | ***197484*** | ***2680*** | ***169334*** | | East Azarbayejan | 84 | 217179 | 86 | 9996 | 76 | 9593 | | West Azarbayejan | 18 | 49009 | 33 | 1349 | 31 | 1250 | | Ardebil | 38 | 112398 | 50 | 2758 | 43 | 2432 | | Esfahan | 469 | 1360932 | 561 | 35882 | 544 | 34819 | | Ilam | 3 | 8509 | 6 | 206 | 5 | 183 | | Bushehr | 1 | 1934 | 8 | 448 | // | 6 | | Tehran | 757 | 2036845 | 1002 | 54363 | 768 | 43001 | | Chaharmahal & Bakhtiyari | 30 | 82650 | 37 | 1265 | 37 | 1262 | | South Khorasan | 10 | 24667 | 13 | 1149 | 13 | 1116 | | Khorasan-e-Razavi | 363 | 1028406 | 443 | 24238 | 432 | 23762 | | North Khorasan | 7 | 20500 | 13 | 369 | 6 | 272 | | Khuzestan | 6 | 16473 | 11 | 715 | 4 | 192 | | Zanjan | 27 | 75258 | 32 | 2438 | 29 | 2232 | | Semnan | 59 | 154088 | 89 | 6977 | 48 | 3866 | | Sistan & Baluchestan | 30 | 68317 | 28 | 2532 | 16 | 1421 | | Fars | 80 | 205917 | 228 | 13914 | 184 | 11382 | | Qazvin | 65 | 189124 | 65 | 2275 | 54 | 1925 | | Qom | 50 | 131310 | 56 | 3769 | 43 | 2763 | | Kordestan | 6 | 16350 | 8 | 552 | 6 | 394 | | Kerman | 47 | 124420 | 56 | 10136 | 56 | 10099 | | Kermanshah | 13 | 39234 | 9 | 587 | 8 | 518 | | Kohgiluyeh & Boyerahmad | 7 | 19851 | 5 | 455 | 4 | 431 | | Golestan | 47 | 122181 | 85 | 3549 | 81 | 3345 | | Gilan | 16 | 40157 | 25 | 1404 | 19 | 1153 | | Lorestan | 7 | 17231 | 8 | 140 | 4 | 71 | | Mazandaran | 38 | 86675 | 48 | 2246 | 46 | 2142 | | Markazi | 27 | 74221 | 126 | 5028 | 32 | 1564 | | Hormozgan | 1 | 1751 | 0 | 40 | // | 24 | | Hamedan | 31 | 82413 | 27 | 1946 | 26 | 1899 | | Yazd | 79 | 216856 | 75 | 6758 | 69 | 6216 | |
| *1. Unit is 1000 tons.* |
| *Sources: Statistical Centre of Iran.*  *- Ministry of Jihad-e-Agriculture.* |
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| **4. 43. NUMBER AND WEIGHT OF LIVESTOCK SLAUGHTERED AT AUTHORIZED SLAUGHTERHOUSES (1000 carcasses- 1000 tons)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | Total | | Sheep | | Goats | | | Number | Weight | Number | Weight | Number | Weight | | 1370 | 11430 | 343 | 7891 | 154 | 2278 | 31 | | 1375 | 11265 | 356 | 7946 | 149 | 2030 | 27 | | 1380(1) | 12769 | 419 | 8743 | 141 | 2264 | 29 | | 1384(1) | 12729 | 429 | 8590 | 145 | 2555 | 35 | | 1385(1) | 14375 | 463 | 9870 | 166 | 2914 | 39 | | 1386(1) | 13209 | 429 | 9412 | 161 | 2425 | 34 | | 1387(1) | 14113 | 487 | 10038 | 170 | 2416 | 33 | | ***1388(1)*** | ***9867*** | ***403*** | ***6446*** | ***114*** | ***1913*** | ***27*** | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | Cattle | | Buffaloes | | Camels | | | Number | Weight | Number | Weight | Number | Weight | | 1370 | 1187 | 144 | 55 | 9 | 18 | 4 | | 1375 | 1205 | 166 | 65 | 10 | 20 | 4 | | 1380(1) | 1645 | 228 | 50 | 8 | 67 | 13 | | 1384(1) | 1511 | 237 | 54 | 8 | 19 | 4 | | 1385(1) | 1518 | 246 | 46 | 7 | 27 | 5 | | 1386(1) | 1306 | 223 | 36 | 6 | 30 | 6 | | 1387(1) | 1578 | 269 | 47 | 8 | 34 | 7 | | ***1388(1)*** | ***1432*** | ***247*** | ***31*** | ***5*** | ***45*** | ***10*** | |
| *1. Including private slaughterhouses that are operating under the licence of Veterinary Organization.* |
| *Source: Statistical Centre of Iran.* |

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| **4. 44. PRODUCTION OF CHICKEN MEAT AND EGG (1000 tons)** |
| |  |  |  | | --- | --- | --- | | Year and Ostan | Meat | Egg | | 1370 | 420 | 340 | | 1375 | 676 | 486 | | 1380 | 885 | 581 | | 1384 | 1237 | 759 | | 1385 | 1360 | 677 | | 1386 | 1468 | 695 | | 1387 | 1565 | 727 | | ***1388*** | ***1610*** | ***751*** | | East Azarbayejan | 70 | 82 | | West Azarbayejan | 59 | 14 | | Ardebil | 35 | 9 | | Esfahan | 112 | 58 | | Ilam | 23 | 1 | | Bushehr | 17 | 1 | | Tehran | 118 | 200 | | Chaharmahal & Bakhtiyari | 21 | 4 | | South Khorasan | 39 | 3 | | Khorasan-e-Razavi | 107 | 74 | | North Khorasan | 14 | 2 | | Khuzestan | 61 | 6 | | Zanjan | 30 | 9 | | Semnan | 40 | 13 | | Sistan & Baluchestan | 25 | 6 | | Fars | 98 | 26 | | Qazvin | 59 | 55 | | Qom | 43 | 53 | | Kordestan | 29 | 6 | | Kerman | 39 | 15 | | Kermanshah | 30 | 6 | | Kohgiluyeh & Boyerahmad | 9 | 5 | | Golestan | 82 | 20 | | Gilan | 71 | 13 | | Lorestan | 44 | 4 | | Mazandaran | 147 | 14 | | Markazi | 62 | 23 | | Hormozgan | 21 | 1 | | Hamedan | 61 | 20 | | Yazd | 44 | 8 | | |
| *Sources: Centre for Rural Researches and Agricultural Economy;* | |
| *- Ministry of Jihad-e-Agriculture.* | |
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| **4. 45. QUANTITY AND VALUE OF PRODUCTION AT BROILER CHICKEN FARMS** **(ton; mln rials)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Full-grown | | Cull (1) | | Manure | | | Quantity | Value | Quantity | Value | Quantity | Value | | 1373 | 613021 | 1277677 | 10819 | 14193 | 566388 | 16914 | | 1375 | 863821 | 3072880 | 9957 | 25178 | 710372 | 40374 | | 1378 | 803349 | 5062491 | 12785 | 48815 | 714795 | 48716 | | 1379 | 799367 | 5082299 | 11283 | 43584 | 747091 | 65032 | | ***1382*** | ***1371018*** | ***11409123*** | ***13282*** | ***68555*** | ***1049603*** | ***101504*** | | East Azarbayejan | 45428 | 384925 | 732 | 3893 | 34740 | 3338 | | West Azarbayejan | 54257 | 460405 | 581 | 3445 | 36018 | 3086 | | Ardebil | 17542 | 150449 | 141 | 963 | 15408 | 781 | | Esfahan | 162767 | 1350273 | 1026 | 4628 | 144348 | 16039 | | Ilam | 16119 | 141099 | 174 | 709 | 16335 | 1137 | | Bushehr | 13651 | 117296 | 492 | 2331 | 10294 | 1266 | | Tehran | 72350 | 603693 | 863 | 3615 | 57640 | 5769 | | Chaharmahal & Bakhtiyari | 18274 | 147656 | 233 | 1400 | 15423 | 1564 | | South Khorasan(2) | 000 | 000 | 000 | 000 | 000 | 000 | | Khorasan-e-Razavi(2) | 130133 | 1041240 | 1584 | 8346 | 102438 | 10932 | | North Khorasan(2) | 000 | 000 | 000 | 000 | 000 | 000 | | Khuzestan | 54585 | 495425 | 981 | 5748 | 46606 | 7568 | | Zanjan | 21535 | 176573 | 19 | 113 | 18746 | 1439 | | Semnan | 49162 | 382106 | 422 | 1921 | 33233 | 2493 | | Sistan & Baluchestan | 5932 | 48777 | 140 | 793 | 4980 | 875 | | Fars | 71497 | 599506 | 966 | 4275 | 56772 | 6608 | | Qazvin | 54716 | 443043 | 551 | 2880 | 35728 | 3026 | | Qom | 38217 | 323151 | 76 | 354 | 30316 | 2888 | | Kordestan | 26795 | 235989 | 165 | 798 | 20111 | 1822 | | Kerman | 27766 | 237529 | 244 | 1276 | 20665 | 4723 | | Kermanshah | 27533 | 243142 | 451 | 2391 | 19860 | 2400 | | Kohgiluyeh & Boyerahmad | 6011 | 50160 | 26 | 185 | 4296 | 402 | | Golestan | 50099 | 400534 | 346 | 1654 | 40730 | 1798 | | Gilan | 54930 | 438328 | 290 | 1653 | 48334 | 1383 | | Lorestan | 25791 | 220523 | 133 | 505 | 16953 | 2032 | | Mazandaran | 175601 | 1473969 | 916 | 5717 | 109142 | 3858 | | Markazi | 56291 | 466076 | 812 | 4589 | 39089 | 3626 | | Hormozgan | 13617 | 121809 | 58 | 258 | 10025 | 2216 | | Hamedan | 34688 | 295533 | 205 | 1126 | 26951 | 3179 | | Yazd | 45729 | 359914 | 655 | 2988 | 34422 | 5257 | |
| *1. Chicken culled for various reasons or delivered to slaughterhouses at the end of raising period can be used as meat.* |
| *2. Data for south khorasan and north khorasan are included with khorasan-e- razavi.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 46. QUANTITY AND VALUE OF PRODUCTION AT LAYER CHICKEN AND PULLET FARMS (ton; mln rials)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Edible eggs | | Broken & shell-less eggs | | Sold pullets (fowl) | | | Quantity | Value | Quantity | Value | Quantity | Value | | 1374 | 411131 | 755630 | 4627 | 4456 | 0 | 0 | | 1377 | 434715 | 1300114 | 5742 | 8558 | 6407453 | 58237 | | 1379 | 506192 | 1682290 | 7909 | 13539 | 5461511 | 51379 | | 1381 | 571017 | 2455505 | 10947 | 23843 | 5438031 | 72584 | | ***1384*** | ***576478*** | ***3021222*** | ***10712*** | ***27670*** | ***7476525*** | ***127098*** | | East Azarbayejan | 70140 | 339008 | 1161 | 2626 | 1677492 | 27219 | | West Azarbayejan | 4025 | 19830 | 98 | 308 | 53800 | 474 | | Ardebil | 4432 | 23518 | 51 | 151 | 0 | 0 | | Esfahan | 57650 | 320561 | 952 | 2716 | 191526 | 2958 | | Ilam | 977 | 5451 | 16 | 32 | 91150 | 1404 | | Tehran | 159506 | 838807 | 4050 | 10186 | 2339880 | 40247 | | Chaharmahal & Bakhtiyari | 1097 | 5945 | 18 | 37 | 0 | 0 | | South Khorasan | 2605 | 14863 | 38 | 70 | 0 | 0 | | Khorasan-e-Razavi | 57232 | 304049 | 557 | 1413 | 725531 | 13524 | | North Khorasan | 298 | 1171 | 3 | 7 | 0 | 0 | | Khuzestan | 883 | 5485 | 9 | 19 | 0 | 0 | | Zanjan | 6873 | 40719 | 198 | 494 | 0 | 0 | | Semnan | 5544 | 25212 | 641 | 753 | 226513 | 4530 | | Sistan & Baluchestan | 3111 | 21913 | 15 | 30 | 0 | 0 | | Fars | 19343 | 100164 | 283 | 1039 | 292062 | 4066 | | Qazvin | 33905 | 173151 | 733 | 1997 | 657135 | 12629 | | Qom | 50955 | 248406 | 863 | 1913 | 294061 | 4353 | | Kordestan | 4489 | 23794 | 40 | 94 | 0 | 0 | | Kerman | 10253 | 63995 | 128 | 572 | 29259 | 366 | | Kermanshah | 5402 | 25868 | 65 | 148 | 0 | 0 | | Kohgiluyeh & Boyerahmad | 1075 | 5566 | 22 | 44 | 0 | 0 | | Golestan | 18241 | 103387 | 61 | 133 | 57000 | 1289 | | Gilan | 320 | 1693 | 1 | 2 | 0 | 0 | | Lorestan | 1098 | 4828 | 15 | 34 | 0 | 0 | | Mazandaran | 11727 | 79830 | 172 | 837 | 142350 | 2592 | | Markazi | 21119 | 99807 | 135 | 304 | 182806 | 2150 | | Hamedan | 15924 | 76517 | 80 | 194 | 384835 | 6789 | | Yazd | 8253 | 47684 | 308 | 1518 | 131125 | 2509 | | Other Ostans | 0 | 0 | 0 | 0 | 0 | 0 | |
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| **4. 46. QUANTITY AND VALUE OF PRODUCTION AT LAYER CHICKEN AND PULLET FARMS (continued) (ton; mln rials)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Year and Ostan | Cull(1) | | Manure | | | Quantity | Value | Quantity | Value | | 1374 | 16114 | 24356 | 419134 | 14105 | | 1377 | 19872 | 48159 | 471310 | 24444 | | 1379 | 22017 | 70598 | 479965 | 33749 | | 1381 | 18213 | 71058 | 538009 | 40905 | | ***1384*** | ***23301*** | ***91212*** | ***498321*** | ***45873*** | | East Azarbayejan | 3874 | 14057 | 62567 | 3617 | | West Azarbayejan | 57 | 421 | 4610 | 281 | | Ardebil | 192 | 645 | 3071 | 113 | | Esfahan | 2569 | 9556 | 41783 | 3982 | | Ilam | 95 | 452 | 1050 | 111 | | Tehran | 6903 | 24486 | 174910 | 13894 | | Chaharmahal & Bakhtiyari | 41 | 174 | 1281 | 163 | | South Khorasan | 34 | 138 | 2025 | 199 | | Khorasan-e-Razavi | 2373 | 11337 | 52783 | 5760 | | North Khorasan | 64 | 259 | 280 | 23 | | Khuzestan | 106 | 517 | 538 | 225 | | Zanjan | 325 | 1314 | 4174 | 449 | | Semnan | 56 | 112 | 2653 | 211 | | Sistan & Baluchestan | 123 | 616 | 900 | 90 | | Fars | 841 | 3440 | 17540 | 1806 | | Qazvin | 756 | 3159 | 28183 | 2673 | | Qom | 1315 | 4461 | 35908 | 4467 | | Kordestan | 157 | 821 | 2421 | 114 | | Kerman | 392 | 2406 | 7958 | 1907 | | Kermanshah | 252 | 869 | 3749 | 251 | | Kohgiluyeh & Boyerahmad | 1 | 3 | 448 | 45 | | Golestan | 666 | 2865 | 7236 | 642 | | Gilan | 58 | 348 | 330 | 13 | | Lorestan | 66 | 146 | 716 | 56 | | Mazandaran | 196 | 1121 | 6578 | 247 | | Markazi | 542 | 1481 | 12499 | 1360 | | Hamedan | 983 | 4709 | 11361 | 781 | | Yazd | 261 | 1298 | 10771 | 2392 | | Other Ostans | 0 | 0 | 0 | 0 | |
| *1. Chicken culled for various reasons or delivered to slaughterhouses at the end of raising period can be used as meat.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 47. QUANTITY AND VALUE OF PRODUCTION AT BREEDER CHICKEN FARMS** |
| **(ton; mln rials)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Fertile eggs | | | | | | | Broiler breed | | Layer breed | | Indigenous breed | | | Number (1000) | Value | Number (1000) | Value | Number (1000) | Value | | 1370 | 306754 | 55501 | 56313 | 6739 | 0 | 0 | | 1374 | 525492 | 260126 | 60760 | 25786 | 1440 | 507 | | 1377 | 780617 | 615390 | 107120 | 70817 | 9558 | 5048 | | 1379 | 718032 | 813225 | 55933 | 39696 | 7850 | 5695 | | 1381 | 875372 | 1300481 | 62323 | 95140 | 7480 | 8376 | | ***1384*** | ***1430866*** | ***2879558*** | ***67210*** | ***145777*** | ***10096*** | ***8974*** | | East Azarbayejan | 77333 | 110144 | 2900 | 7250 | 0 | 0 | | West Azarbayejan | 105660 | 203043 | 0 | 0 | 422 | 845 | | Ardebil | 34733 | 75796 | 0 | 0 | 0 | 0 | | Esfahan | 20987 | 34632 | 0 | 0 | 2428 | 2358 | | Tehran | 162168 | 275533 | 9906 | 17098 | 0 | 0 | | Khorasan-e-Razavi | 49785 | 122314 | 13236 | 33673 | 6366 | 5067 | | Zanjan | 36102 | 66367 | 0 | 0 | 402 | 241 | | Semnan | 13083 | 27783 | 0 | 0 | 0 | 0 | | Fars | 3869 | 6916 | 8100 | 10271 | 272 | 272 | | Qazvin | 71597 | 174580 | 18905 | 43482 | 0 | 0 | | Qom | 3000 | 6000 | 10500 | 28875 | 0 | 0 | | Kordestan | 13710 | 25451 | 0 | 0 | 0 | 0 | | Kerman | 26375 | 73432 | 0 | 0 | 0 | 0 | | Kermanshah | 19261 | 42375 | 0 | 0 | 0 | 0 | | Golestan | 43578 | 73988 | 0 | 0 | 0 | 0 | | Gilan | 118134 | 170998 | 3663 | 5128 | 50 | 35 | | Lorestan | 12193 | 22477 | 0 | 0 | 0 | 0 | | Mazandaran | 503561 | 1128110 | 0 | 0 | 0 | 0 | | Markazi | 35277 | 71225 | 0 | 0 | 0 | 0 | | Hamedan | 36736 | 71650 | 0 | 0 | 0 | 0 | | Other Ostans(2) | 43723 | 96745 | 0 | 0 | 156 | 155 | |
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| **4. 47. QUANTITY AND VALUE OF PRODUCTION AT BREEDER CHICKEN FARMS** |
| **(continued) (ton; mln rials)** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | Edible eggs | | Wastes | | Cull(1) | | Manure | | | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | | 1370 | 82123 | 23839 | 186 | 67 | 6653 | 4341 | 63498 | 948 | | 1374 | 6476 | 10053 | 1011 | 999 | 6312 | 14409 | 82878 | 3567 | | 1377 | 11930 | 33143 | 1355 | 2147 | 10798 | 38008 | 116675 | 6011 | | 1379 | 14419 | 47335 | 2173 | 2406 | 11445 | 55470 | 105723 | 9220 | | 1381 | 12869 | 52521 | 2108 | 4355 | 19046 | 113182 | 139828 | 11831 | | ***1384*** | ***11176*** | ***55830*** | ***3562*** | ***9674*** | ***14502*** | ***99942*** | ***144964*** | ***13853*** | | East Azarbayejan | 447 | 2330 | 568 | 1199 | 1589 | 12039 | 11345 | 1221 | | West Azarbayejan | 703 | 2423 | 277 | 539 | 807 | 6399 | 11177 | 1353 | | Ardebil | 296 | 1586 | 21 | 26 | 393 | 2812 | 4723 | 451 | | Esfahan | 336 | 1338 | 21 | 54 | 457 | 2571 | 5222 | 711 | | Tehran | 1049 | 5055 | 677 | 1973 | 1644 | 11552 | 19574 | 2459 | | Khorasan-e-Razavi | 667 | 3600 | 186 | 703 | 743 | 5324 | 7483 | 910 | | Zanjan | 518 | 2420 | 119 | 309 | 688 | 3966 | 4882 | 619 | | Semnan | 55 | 244 | 3 | 8 | 76 | 610 | 2080 | 233 | | Fars | 492 | 2766 | 17 | 50 | 354 | 1704 | 2463 | 338 | | Qazvin | 1313 | 7726 | 814 | 2602 | 1001 | 5383 | 10517 | 1073 | | Qom | 84 | 390 | 1 | 3 | 100 | 900 | 1209 | 153 | | Kordestan | 55 | 248 | 36 | 73 | 300 | 2101 | 1366 | 209 | | Kerman | 322 | 1013 | 30 | 105 | 593 | 4280 | 2807 | 319 | | Kermanshah | 0 | 0 | 12 | 23 | 167 | 999 | 1130 | 109 | | Golestan | 183 | 1074 | 29 | 90 | 516 | 3333 | 3389 | 207 | | Gilan | 390 | 2033 | 98 | 122 | 1483 | 9898 | 10853 | 437 | | Lorestan | 182 | 875 | 11 | 23 | 107 | 861 | 929 | 129 | | Mazandaran | 2383 | 13894 | 487 | 1455 | 2404 | 16965 | 28856 | 1158 | | Markazi | 562 | 2796 | 33 | 71 | 195 | 1095 | 3652 | 407 | | Hamedan | 232 | 1128 | 6 | 20 | 671 | 5546 | 4119 | 588 | | Other Ostans(2) | 907 | 2891 | 118 | 225 | 215 | 1603 | 7188 | 770 | |
| *1. Chicken culled for various reasons or delivered to slaughterhouses at the end of raising period can be used as meat.* |
| *2. Including Ilam, Chaharmahal & Bakhtiyari, South Khorasan, Khuzestan, Hormozgan and Yazd and the remaining Ostans not mentioned here have no activity in this field.* |
| *Source: Statistical Centre of Iran.* |
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| **4. 48. HOLDINGS RAISING HONEYBEES, NUMBER OF HIVES AND HONEY (WITH WAX) PRODUCTION BY OSTAN, 1382 (kg)** |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Ostan | Number of holdings | Modern hives | | Old hives | | | Number | Honey with wax | Number | Honey with wax | | ***Total country*** | ***75181*** | ***1397670*** | ***13772225*** | ***296359*** | ***1329821*** | | East Azarbayejan | 12943 | 170028 | 1542422 | 147216 | 584803 | | West Azarbayejan | 5506 | 133842 | 1845694 | 56239 | 382865 | | Ardebil | 2852 | 60241 | 876183 | 5350 | 30260 | | Esfahan | 2606 | 186803 | 1262667 | 2154 | 9012 | | Ilam | 842 | 27550 | 109944 | 397 | 1243 | | Bushehr | 151 | 6576 | 76522 | 12 | 59 | | Tehran | 1135 | 50267 | 494800 | 988 | 7825 | | Chaharmahal & Bakhtiyari | 1349 | 51572 | 495531 | 627 | 2559 | | South Khorasan | 70 | 1364 | 8220 |  |  | | Khorasan-e-Razavi | 1396 | 24234 | 196717 | 1300 | 9061 | | North Khorasan | 681 | 17083 | 120760 | 788 | 3728 | | Khuzestan | 778 | 14898 | 131756 | 653 | 4997 | | Zanjan | 3781 | 43811 | 453013 | 4629 | 20152 | | Semnan | 316 | 10784 | 104345 | 30 | 147 | | Sistan & Baluchestan | 34 | 403 | 4988 | 0 | 0 | | Fars | 5082 | 81137 | 698232 | 4545 | 25482 | | Qazvin | 1257 | 17212 | 144716 | 1022 | 5185 | | Qom | 150 | 1875 | 11662 | 257 | 1631 | | Kordestan | 8083 | 23125 | 153275 | 35960 | 99266 | | Kerman | 1211 | 26272 | 274014 | 1244 | 7449 | | Kermanshah | 3165 | 34873 | 306306 | 10359 | 19432 | | Kohgiluyeh & Boyerahmad | 2346 | 32288 | 274948 | 1684 | 11143 | | Golestan | 2943 | 35638 | 207399 | 2340 | 7320 | | Gilan | 4056 | 83813 | 1653693 | 3687 | 23623 | | Lorestan | 2084 | 42059 | 363285 | 4817 | 20197 | | Mazandaran | 4092 | 96487 | 972508 | 3907 | 25853 | | Markazi | 2064 | 28562 | 226307 | 1742 | 4732 | | Hormozgan | 22 | 1270 | 18278 | 151 | 842 | | Hamedan | 3326 | 71225 | 626870 | 4020 | 20293 | | Yazd | 863 | 22382 | 117171 | 234 | 642 | |
| *Source: Statistical Centre of Iran.* |
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| **4. 49. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY MINISTRY OF COOPERATIVES AT THE END OF THE YEAR** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Description | Number | Members | Employed | Capital  (mln rial) | | ***Registered cooperative (1)*** |  |  |  |  | | 1370(2) | 2604 | 37148 | 21171 | 93626 | | 1375(2) | 5839 | 80029 | 43539 | 492792 | | 1380(2) | 13929 | 218982 | 108749 | 992771 | | 1384(2) | 20650 | 302291 | 157999 | 1216085 | | 1385(2) | 25730 | 345771 | 190503 | 1392819 | | 1386(2) | 29078 | 378018 | 215881 | 1554746 | | 1387(2) | 30843 | 404379 | 229091 | 1673355 | | 1388 | 32593 | 422984 | 245600 | 1831517 | | ***Cooperatives under establishment*** |  |  |  |  | | 1370(2) | 33 | 221 | 103 | 185 | | 1375(2) | 136 | 1388 | 790 | 5295 | | 1380(2) | 965 | 35531 | 9504 | 51407 | | 1384(2) | 2590 | 54649 | 23463 | 100416 | | 1385(2) | 4613 | 72303 | 37474 | 140032 | | 1386(2) | 6414 | 90336 | 51124 | 198813 | | 1387(2) | 7500 | 101645 | 59088 | 226519 | | 1388 | 8540 | 113098 | 70129 | 366506 | | ***Cooperatives in operation*** |  |  |  |  | | 1370(2) | 1460 | 23614 | 17178 | 88826 | | 1375(2) | 3218 | 47787 | 31602 | 446559 | | 1380(2) | 8006 | 118595 | 69787 | 804515 | | 1384(2) | 11632 | 169363 | 96192 | 949987 | | 1385(2) | 14119 | 190318 | 109659 | 1063415 | | 1386(2) | 15309 | 201815 | 118999 | 1157945 | | 1387(2) | 15916 | 216392 | 123710 | 1237226 | | 1388 | 16607 | 223348 | 129079 | 1255319 | | East Azarbayejan | 278 | 3705 | 2561 | 27649 | | West Azarbayejan | 283 | 3137 | 3100 | 29420 | | Ardebil | 261 | 3161 | 1487 | 22892 | | Esfahan | 584 | 15213 | 5575 | 61492 | |

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| **4. 49. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY MINISTRY OF COOPERATIVES AT THE END OF THE YEAR (continued)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Description | Number | Members | Employed | Capital  (mln rial) | | Ilam | 605 | 8842 | 5113 | 24088 | | Bushehr | 262 | 2389 | 1944 | 12060 | | Tehran | 506 | 13634 | 5944 | 60253 | | Chaharmahal & Bakhtiyari | 317 | 3005 | 2593 | 10390 | | South Khorasan | 199 | 4430 | 1441 | 6159 | | Khorasan-e-Razavi | 980 | 22778 | 5968 | 64215 | | North Khorasan | 308 | 3035 | 1044 | 3834 | | Khuzestan | 818 | 7697 | 8262 | 37233 | | Zanjan | 765 | 6555 | 5943 | 243047 | | Semnan | 280 | 3982 | 2105 | 18312 | | Sistan & Baluchestan | 237 | 1963 | 1809 | 10065 | | Fars | 589 | 12004 | 3854 | 33048 | | Qazvin | 295 | 2714 | 3426 | 54713 | | Qom | 187 | 1631 | 1292 | 20301 | | Kordestan | 188 | 3896 | 1163 | 18149 | | Kerman | 1250 | 13351 | 8058 | 79091 | | Kermanshah | 727 | 12134 | 9443 | 31657 | | Kohgiluyeh & Boyerahmad | 390 | 5368 | 4258 | 8129 | | Golestan | 2694 | 25959 | 10973 | 40189 | | Gilan | 518 | 7846 | 7714 | 45357 | | Lorestan | 497 | 5925 | 3924 | 65647 | | Mazandaran | 1011 | 13903 | 9962 | 46368 | | Markazi | 482 | 4558 | 1982 | 85763 | | Hormozgan | 423 | 3990 | 3289 | 11891 | | Hamedan | 238 | 2487 | 2489 | 40171 | | Yazd | 431 | 4006 | 2322 | 49636 | |
| *1. Including cooperatives in operation, out of operation and under establishment.* |
| *2.Revised figures.* |
| *Source: Ministry of Cooperatives.* |
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| **4. 50. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY ACTIVITY AT THE END OF THE YEAR** |
| |  |  |  |  | | --- | --- | --- | --- | | Year and activity | Number of co-ops | Member | Capital  (mln rial) | | 1370 | 1192 | 603621 | 1885 | | 1375 | 1507 | 869405 | 85350 | | 1380 | 1827 | 970609 | 221822 | | 1384 | 1911 | 1002538 | 411639 | | 1385 | 2008 | 1010551 | 404366 | | 1386 | 2140 | 1027564 | 489035 | | 1387 | 2123 | 1015412 | 609885 | | ***1388*** | ***2203*** | ***1001633*** | ***624284*** | | Chicken farming | 280 | 21721 | 241510 | | Animal husbandry | 565 | 567168 | 227060 | | Cultivation of wheat | 145 | 41241 | 19998 | | Horticulture | 98 | 137350 | 58835 | | Apiculture | 164 | 53185 | 12494 | | Combine management | 25 | 3001 | 1988 | | Range management | 8 | 1158 | 117 | | Mechanization | 143 | 11765 | 4069 | | Others | 775 | 165044 | 58213 | |
| *Source: Central Organization of Rural Cooperatives.* |
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| **4. 51. GENERAL CHARACTERISTICS OF AGRICULTURAL COOPERATIVES COVERED BY CENTRAL ORGANIZATION OF RURAL COOPERATIVES BY OSTAN AT THE END OF THE YEAR, 1388** |
| |  |  |  | | --- | --- | --- | | Ostan | Number of co-ops | Members | | ***Total country*** | ***2203*** | ***1001633*** | | East Azarbayejan | 150 | 79571 | | West Azarbayejan | 92 | 41390 | | Ardebil | 41 | 15666 | | Esfahan | 121 | 91613 | | Ilam | 36 | 2523 | | Bushehr | 31 | 2002 | | Tehran | 90 | 24335 | | Chaharmahal & Bakhtiyari | 29 | 4657 | | South Khorasan | 52 | 29942 | | Khorasan-e-Razavi | 158 | 120169 | | North Khorasan | 23 | 11821 | | Khuzestan | 58 | 17193 | | Zanjan | 26 | 6064 | | Semnan | 32 | 12071 | | Sistan & Baluchestan | 74 | 9663 | | Fars | 95 | 73094 | | Qazvin | 65 | 18379 | | Qom | 17 | 17182 | | Kordestan | 48 | 12106 | | Kerman | 523 | 33137 | | Kermanshah | 74 | 32553 | | Kohgiluyeh & Boyerahmad | 25 | 4246 | | Golestan | 46 | 30932 | | Gilan | 50 | 84746 | | Lorestan | 22 | 18342 | | Mazandaran | 78 | 88094 | | Markazi | 45 | 28733 | | Hormozgan | 11 | 2190 | | Hamedan | 46 | 67446 | | Yazd | 45 | 21773 | |
| *Source: Central Organization of Rural Cooperatives.* |
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| **4. 52. AREA OF FORESTS, RANGES AND DESERTS BY OSTAN, 1387 (ha)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Ostan | Forests | Ranges | | | | Deserts phenomena(1) | | Total | Good | Fair | Poor | | ***Total country*** | ***14318872*** | ***84746971*** | ***7175071*** | ***21422950*** | ***56148951*** | ***32576929*** | | East Azarbayejan | 143467 | 2473441 | 703729 | 1359707 | 410005 | 112370 | | West Azarbayejan | 100958 | 2472508 | 553792 | 1063376 | 855340 | 181103 | | Ardebil | 51665 | 903896 | 427906 | 457642 | 18349 | 1337 | | Esfahan | 411847 | 6328655 | 280070 | 403988 | 5644597 | 2985827 | | Ilam | 634461 | 1112357 | 27835 | 479788 | 604735 | 33923 | | Bushehr | 204306 | 1262995 | 8777 | 409208 | 845010 | 331682 | | Tehran | 26124 | 1218447 | 401319 | 478320 | 338808 | 156623 | | Chaharmahal & Bakhtiyari | 335654 | 908152 | 182315 | 390823 | 335013 | 118893 | | South Khorasan | 712033 | 6288092 | 6184 | 632226 | 5649682 | 1129364 | | Khorasan-e-Razavi | 667341 | 6558356 | 304530 | 2147046 | 4106780 | 593620 | | North Khorasan | 424740 | 1555206 | 112615 | 627244 | 815348 | 43279 | | Khuzestan | 938326 | 2477691 | 571073 | 1353096 | 553522 | 521341 | | Zanjan | 61113 | 113706 | 240442 | 425301 | 471317 | 79931 | | Semnan | 340168 | 3731083 | 210807 | 585093 | 2935183 | 5112294 | | Sistan & Baluchestan | 370786 | 1648499 | 217096 | 908129 | 9523274 | 4804956 | | Fars | 2218925 | 7319987 | 57706 | 1735276 | 5527005 | 669725 | | Qazvin | 26871 | 853485 | 252550 | 430122 | 170813 | 29151 | | Qom | 4149 | 723019 | 2498 | 34830 | 685691 | 176383 | | Kordestan | 372307 | 1294397 | 437855 | 494212 | 362330 | 3354 | | Kerman | 430951 | 8186300 | 81323 | 2214046 | 5890931 | 7860548 | | Kermanshah | 528507 | 1188438 | 164352 | 476166 | 547920 | 25916 | | Kohgiluyeh & Boyerahmad | 795786 | 478812 | 63966 | 144418 | 270428 | 40427 | | Golestan | 415221 | 862825 | 381317 | 401887 | 79621 | 26 | | Gilan | 545576 | 244986 | 98843 | 131684 | 14459 | 1779 | | Lorestan | 1226367 | 883505 | 146857 | 672209 | 64439 | 11741 | | Mazandaran | 1006518 | 584711 | 357671 | 205068 | 21973 | 1086 | | Markazi | 1548 | 1772951 | 465804 | 1140366 | 166781 | 73143 | | Hormozgan | 1053745 | 4093342 | 712 | 210907 | 3881724 | 1515013 | | Hamedan | 1441 | 665767 | 323505 | 283977 | 58285 | 26372 | | Yazd | 107096 | 6518007 | 91623 | 1126795 | 5299589 | 5935725 | |
| *1. Including different desert phenomena like: salt desert, sand dunes, sand seas, smooth clay surfaces, salt lands, lands with no vegetation and exposed bedrock outcrops.* |
| *Source: Forests, Range and Watershed Management Organization.* |
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| **4. 53. AREA OF AFFORESTATION AND SAPLING PRODUCTION(1) (ha; 1000 sapling)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Year and Ostan | Afforestation | | | Sapling production | | Total | State-owned | Private | | 1370 | 120253 | 36368 | 83885 | 110000 | | 1375 | 39521 | 16090 | 23432 | 73766 | | 1380 | 110692 | 53912 | 56780 | 141317 | | 1384 | 49813 | 36939 | 12874 | 50123 | | 1385 | 51167 | 39871 | 11296 | 46876 | | 1386 | 46735 | 34588 | 12148 | 51889 | | 1387 | 36476 | 27591 | 8885 | 43435 | | ***1388*** | ***25400*** | ***14045*** | ***10455*** | ***31896*** | | East Azarbayejan | 1540 | 290 | 1250 | 653 | | West Azarbayejan | 75 | 51 | 24 | 460 | | Ardebil | 418 | 288 | 130 | 300 | | Esfahan | 755 | 396 | 359 | 630 | | Ilam | 403 | 403 | 0 | 1000 | | Bushehr | 240 | 240 | 0 | 356 | | Tehran | 0 | 0 | 0 | 205 | | Chaharmahal & Bakhtiyari | 204 | 118 | 86 | 1340 | | South Khorasan | 145 | 145 | 0 | 554 | | Khorasan-e-Razavi | 271 | 271 | 0 | 864 | | North Khorasan | 37 | 37 | 0 | 72 | | Khuzestan | 1205 | 1205 | 0 | 1139 | | Zanjan | 93 | 93 | 0 | 152 | | Semnan | 210 | 50 | 160 | 760 | | Sistan & Baluchestan | 1659 | 1659 | 0 | 706 | | Fars | 733 | 733 | 0 | 394 | | Qazvin | 67 | 17 | 50 | 213 | | Qom | 0 | 0 | 0 | 53 | | Kordestan | 125 | 125 | 0 | 1020 | | Kerman | 2208 | 2208 | 0 | 469 | | Kermanshah | 822 | 822 | 0 | 1100 | | Kohgiluyeh & Boyerahmad | 514 | 514 | 0 | 592 | | Golestan | 2810 | 1050 | 1760 | 3540 | | Gilan | 2442 | 558 | 1884 | 6940 | | Lorestan | 776 | 462 | 314 | 745 | | Mazandaran | 4845 | 756 | 4089 | 5268 | | Markazi | 422 | 72 | 350 | 1272 | | Hormozgan | 964 | 964 | 0 | 397 | | Hamedan | 103 | 103 | 0 | 300 | | Yazd | 416 | 416 | 0 | 402 | |
| |  | | --- | | *1. In the Forth Plan of Economic, social and cultural Development, this project which is called "Offorestation and Development of Green Areas of the country" includes national and provincial afforestation (north and out of north) and recultivation and enrichment of Iran-Turani area and preservation of the North, Arasbaran, Zagros and South areas.* | | *Source: Forests, Range and Watershed Management Organization.* | | |

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| **4. 54. CASES AND AREAS UNDER CONFLAGRATION IN FORESTS AND RANGES** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | Conflagration (case) | | | Area under conflagration (ha) | | | | Total | Forests | Ranges | Total | Forests | Ranges | | 1370 | 69 | 67 | 2 | 291 | 289 | 2 | | 1375 | 1181 | 439 | 742 | 27478 | 5829 | 21649 | | 1380 | 801 | 369 | 432 | 7744 | 3184 | 4560 | | 1384 | 1046 | 644 | 402 | 6679 | 2776 | 3903 | | 1385 | 1237 | 611 | 626 | 11132 | 2752 | 8380 | | 1386 | 1845 | 686 | 1159 | 27989 | 7126 | 20863 | | 1387(1) | 1136 | 645 | 491 | 4914 | 2275 | 2639 | | ***1388(1)*** | ***1037*** | ***434*** | ***603*** | ***5753*** | ***1582*** | ***4171*** | |
|  |
| *1- Reasons for decrease in conflagration statistics:* |
| *- Readiness of forest guards.* |
| *- Presence of more forest guards in natural resources areas.* |
| *- Organizing forest and voluntary people guards.* |
| *- Coordination with related government agencies.* |
| *- Management and timely use of equipment.* |
| *Source: Forests, Range and Watershed Management Organization.* |

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| **4. 55. VOLUME OF WOOD PRODUCTS(1) IN NORTHERN FOREST AREAS UNDER MANAGEMENT OF GENERAL DEPARTMENTS OF NATURAL RESOURCES** **(1000 cu m)** |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Year | Log | Sawn wood and sleepers | Poles, pit props and pulpwood | Fuel wood | Charcoal  (1000 tons) | | 1370 | 320 | 172.7 | 237.2 | 718.8 | 36.6 | | 1375 | 371.1 | 144.2 | 244.2 | 656.3 | 26.0 | | 1380 | 327.8 | 87.1 | 244.7 | 504.4 | 6.1 | | 1384 | 249.6 | 61.6 | 206.4 | 307.5 | 11.1 | | 1385 | 285.4 | 49.7 | 208.9 | 294.9 | 1.0 | | 1386 | 320.3 | 53.4 | 231.4 | 309.6 | 0.8 | | 1387 | 321.3 | 49.8 | 250.9 | 310.6 | 0.9 | | ***1388*** | ***275.9*** | ***21.4*** | ***256.3*** | ***278.3*** | ***0.9*** | |
| *1. Including 5% defect and sawn wood amount for 1382 through 1386 and 10% for other years. This production in 1387 excludes defect and sawn wood amount.* |
| *Source: Forests, Range and Watershed Management Organization.* |
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| **4. 56. ACTIVITIES CARRIED OUT ON RANGE MANAGEMENT, BALANCE OF LIVESTOCK AND RANGE MANAGMENT, AND IMPROVEMENT AND REHABILITATION OF RANGELANDS** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Activity | Units | 1370 | 1375 | 1380 | 1384 | 1385 | 1386 | 1387 | 1388 | | ***Range management and balance of livestock and range management(1)*** |  |  |  |  |  |  |  |  |  | | Cadastral survey, delineation and control of grazing permits | 1000ha | 5105 | 4251 | 2666 | 3954 | 3993 | 2661 | 3585 | 2210 | | Preparation of range management plans | 1000ha | 1388 | 3409 | 1009 | 1625 | 1531 | 1364 | 1141 | 307 | | Range and livestock grazing management | 1000ha | 0 | 0 | 11059 | 62666 | 59728 | 60897 | 63941 | 36896 | | ***Improvement and rehabilitation of rangelands*** |  |  |  |  |  |  |  |  |  | | Improvement and rehabilitation of rangelands project(2) | 1000ha | 0 | 0 | 0 | 105 | 136 | × | × | 0 | | ***Rehabilitation and restoration of rangelands*** |  |  |  |  |  |  |  |  |  | | Transplanting seedlings | 1000ha | 41 | 8 | 17 | 3 | 4 | 6 | 3 | 1 | | Direct seeding and hoeing | 1000ha | 211 | 32 | 61 | 46 | 49 | 47 | 29 | 22 | | Fertilizer spreading on rangelands | 1000ha | 176 | 21 | 17 | 18 | 29 | 22 | 19 | 12 | | Water harvesting | 1000ha | 134 | 80 | 59 | 33 | 42 | 30 | 25 | 22 | | Providing water troughs | set | 1570 | 1275 | 1581 | 1382 | 2105 | 1596 | 1701 | 1026 | | Drilling shallow wells | case | 237 | 158 | 173 | 128 | 90 | 172 | 107 | 67 | | Installation of wind pumps | set | 12 | 2 | 11 | 14 | 18 | 24 | 18 | 40 | | Seed production | ton | 701 | 671 | 468 | 427 | 390 | 3699 | 325 | 1465 | | Restoration of pastures on degraded marginal lands | 1000ha | 107 | 18 | 11 | 8 | 12 | 9 | 9 | 5 | |
| *1. National plan of "Range management and Balance of Livestock and Range" was renamed "Sustainable Management of National Rangelands" and the name of some projects of which changed accordingly, too.* |
| *2. Since 1384 the plan "Improvement and Reformation of Range lands" has been provincialized and its projects have been conducted in the form of "Improvement and Rehabilitation of Rangelands".* |
| *Source: Forests, Range and Watershed Management Organization.* |
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| **4. 57. COMBATING DESERTIFICATION AND DUNE STABILIZATION ACTIVITIES** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Year and Ostan | Nursery  (ha) | Plastic bag seedling (1000) | Plantation  (ha) | Seeding  (ha) | | 1370 | 182 | 6259 | 148492 | 372959 | | 1375 | 59 | 3470 | 43471 | 131975 | | 1380 | 25 | 4290 | 34556 | 59610 | | 1384 | 41 | 2897 | 21927 | 17903 | | 1385 | 32 | 7349 | 31056 | 27724 | | 1386 | 35 | 4128 | 25380 | 22173 | | 1387 | 33 | 2327 | 12710 | 6311 | | ***1388***(1) | ***22*** | ***2915*** | ***9856*** | ***5662*** | | West Azarbayejan | 0 | 0 | 0 | 0 | | Esfahan | 0 | 0 | 1150 | 3437 | | Ilam | 0 | 100 | 465 | 0 | | Bushehr | 0 | 0 | 0 | 0 | | Tehran | 0 | 125 | 501 | 0 | | South Khorasan | 10 | 47 | 1426 | 0 | | Khorasan-e-Razavi | 7 | 589 | 1113 | 1350 | | North Khorasan | 0 | 32 | 240 | 580 | | Khuzestan | 1 | 115 | 550 | 100 | | Semnan | 2 | 60 | 575 | 195 | | Sistan & Baluchestan | 0 | 269 | 895 | 0 | | Fars | 0 | 0 | 0 | 0 | | Qazvin | 0 | 50 | 156 | 0 | | Qom | 0 | 0 | 0 | 0 | | Kerman | 2 | 372 | 1122 | 0 | | Markazi | 0 | 241 | 1040 | 0 | | Hormozgan | 0 | 865 | 212 | 0 | | Yazd | 0 | 50 | 411 | 0 | |
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| **4. 57. COMBATING DESERTIFICATION AND DUNE STABILIZATION ACTIVITIES**  **(continued)** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year and Ostan | seed gathering  (ton) | Mulching  (ha) | Windbreak  (km) | Windbreak (living) | Preservation (ha) | Preparation of projects for combating desertification (1000ha) | | 1370 | 3081 | 6059 | 42 | 0 | 0 | 0 | | 1375 | 917 | 2812 | 29 | 0 | 596801 | 841 | | 1380 | 489 | 1650 | 468 | 0 | 703937 | 289 | | 1384 | 270 | 3300 | 120 | 386 | 678499 | 289 | | 1385 | 230 | 4452 | 42 | 1087 | 816831 | 254 | | 1386 | 206 | 2580 | 59 | 431 | 802345 | 125000 | | 1387 | 92 | 450 | 33 | 150 | 656331 | 163550 | | ***1388***(1) | ***48*** | ***300*** | ***54*** | ***1496*** | ***799926*** | ***97000*** | | West Azarbayejan | 0 | 0 | 0 | 0 | 15000 | 0 | | Esfahan | 0 | 0 | 26 | 0 | 340000 | 10000 | | Ilam | 0 | 0 | 0 | 25 | 0 | 15000 | | Bushehr | 0 | 0 | 0 | 190 | 2500 | 0 | | Tehran | 0 | 0 | 0 | 0 | 34590 | 9000 | | South Khorasan | 20 | 0 | 18 | 30 | 20295 | 0 | | Khorasan-e-Razavi | 14 | 0 | 10 | 0 | 0 | 0 | | North Khorasan | 1.5 | 0 | 0 | 38 | 20050 | 10000 | | Khuzestan | 0 | 0 | 0 | 0 | 62600 | 23000 | | Semnan | 12 | 0 | 0 | 20 | 3000 |  | | Sistan & Baluchestan | 1 | 300 | 0 | 0 | 161000 | 10000 | | Fars | 0 | 0 | 0 | 0 | 4080 | 10000 | | Qazvin | 0 | 0 | 0 | 200 | 1575 | 0 | | Qom | 0 | 0 | 0 | 127 | 5500 | 0 | | Kerman | 0 | 0 | 0 | 760 | 0 | 0 | | Markazi | 0 | 0 | 0 | 0 | 30733 | 0 | | Hormozgan | 0 | 0 | 0 | 106 | 0 | 0 | | Yazd | 0 | 0 | 0 | 0 | 99003 | 10000 | |
| *1. Ostans not mentioned have no activities in this field.* |
| *Source: Forests, Range and Watershed Management Organization.* |
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| **4. 58. WATERSHED MANAGEMENT ACTIVITIES(1) (ha)** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Title | 1375 | 1380 | 1384 | 1385 | 1386 | 1387 | 1388 | | ***Total*** | ***816188*** | ***1360133*** | ***905266*** | ***1685580*** | ***1043367*** | ***1453138*** | ***1313266*** | | nations watershed catchments lacking dams | × | × | × | 35000 | 44475 | 57336 | 128308 | | Watershed management in existing dams catchments | 51762 | 54156 | 176495 | 179329 | 134739 | 140392 | 75445 | | Watershed management in Dorudzan dam catchments | 3610 | × | × | × | × | × | 0 | | Watershed management in catchments of dams under construction | 23036 | 66071 | 103154 | 56829 | 45107 | 64289 | 59462 | | Watershed management in Karkheh dam catchments | 7500 | 8229 | 57314 | 34918 | 6489 | 9852 | 12761 | | Watershed management in Sefidrud dam catchments | × | 24085 | 79298 | 134399 | 30157 | 21696 | 32377 | | Watershed management in Arak catchments. | × | × | × | × | 4557 | 8201 | 5682 | | study and operation of Watershed management in the Grate Karun catchments | × | × | × | × | 20050 | 26548 | 21302 | | Watershed management in Golestan catchments | × | × | 40281 | 59752 | 34165 | 49756 | 49546 | | Watershed management in Hablehrud catchments | × | 5442 | 0 | 0 | 0 | 0 | 0 | | Watershed management in border rivers catchments | × | 4966 | 5798 | 25465 | 14848 | 15450 | 10794 | | Land use improvements in watershed areas | 12180 | 50449 | 14037 | 104004 | 25405 | 247726 | 53610 | | Flood control | 27073 | 58454 | 19968 | 155952 | 133013 | 191858 | 121366 | | Watershed management in municipal catchments areas | 17830 | 32774 | 7776 | 10363 | 22633 | 21254 | 18229 | | Watershed management in other catchments of Ostans | × | 20951 | 8133 | 2259 | 411 | 1781 | 176 | | Projects under Note 76 of the second development plan law(3) | 24937 | × | × | × | × | × | 0 | | Paragraph T of the Article 17 | × | × | 22430 | 6437 | 16512 | 0 | 0 | | Soil conservation and watershed management project (provincial) and Note 37 | 253186 | 430233 | 204023 | 496297 | 334418 | 479089 | 277515 | | Notes & other issues | 395074 | 604323 | 166559 | 384576 | 176388 | 117910 | 446693 | |
| *1. Excluding 441245, 441245, 2301316, 1802261, 1679605, 1174800 , 2644935 and 1758815 hectares under executive projects for the years 1375, 1380 and 1382 to 1386 respectively.* |
| *2. Revised figures.* |
| *3. The projects in the Article No. 106 of the Third National Development Plan was renamed "Paragraph T of Article 17" in the Fourth Development Plan; and include the share of public sector only.* |
| *Source: Forests, Range and Watershed Management Organization.* |
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| **4. 59. PRODUCTION OF VARIOUS AQUATICS BY SPECIES (ton)** |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Year | Total | Catches in the Caspian Sea | | | | | Total | Kilka | Bony fish | Sturgeon | | 1370 | 327727 | 34596 | 13817 | 18571 | 2208 | | 1375 | 400020 | 74100 | 57000 | 15500 | 1600 | | 1380 | 399000 | 62550 | 45180 | 16500 | 870 | | 1384 | 522543 | 44887 | 22626 | 21845 | 416 | | 1385 | 575560 | 46435 | 22303 | 23802 | 330 | | 1386 | 562422 | 39174 | 15411 | 23538 | 225 | | 1387 | 562524 | 36967 | 16743 | 20046 | 178 | | ***1388*** | ***599754*** | ***44279*** | ***25483*** | ***18665*** | ***131*** | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Year | Catches in south waters | | | | | Production of fish in inland waters | | | | | Total | Small pelagics | Large pelagics | Demersals | Sea shrimps | Total | Fish farms | Shrimp farms | Natural and semi-natural resources | | 1370 | 248000 | 15000 | 62000 | 164000 | 7000 | 45131 | 20228 | 0 | 24903 | | 1375 | 260920 | 10000 | 82320 | 162721 | 5879 | 65000 | 29816 | 163 | 35021 | | 1380 | 262805 | 30805 | 115000 | 110060 | 6940 | 73645 | 40230 | 7630 | 25785 | | 1384 | 343492 | 19094 | 195545 | 119725 | 9128 | 134164 | (1)108156 | 3829 | (1)22179 | | 1385 | 374447 | 26311 | 225374 | 116811 | 5951 | 154678 | (1)123738 | 5970 | (1)24970 | | 1386 | 329571 | 30164 | 176926 | 115031 | 7450 | 193677 | (1)156023 | 2507 | (1)34888 | | 1387 | 341980 | 40981 | 163790 | 128522 | 8687 | 183577 | 150308 | 4372 | 28897 | | ***1388*** | ***348122*** | ***36325*** | ***176541*** | ***126487*** | ***8769*** | ***207353*** | ***174435*** | ***5128*** | ***27790*** | |
| *1. As of 1382, catches from improved reservoirs are included with production of fish farms.* |
| *Source: Fisheries of Iran* |

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| **4. 60. PRODUCTION OF CAVIAR AND MEAT FROM STURGEON FISHES (ton)** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Year | Caviar | | | | Meat | | | | | Total | Beluga | Asetra | Sevruga | Total | Beluga | Asetra | Sevruga | | 1370 | 283 | 6 | 112 | 165 | 1789 | 202 | 815 | 772 | | 1375 | 195 | 7 | 96 | 92 | 1295 | 165 | 669 | 461 | | 1380 (1) | 88 | 3 | 64 | 21 | 870 | 95 | 620 | 155 | | 1384(1) | 34 | 3 | 27 | 4 | 382 | 72 | 266 | 44 | | 1385(1) | 31 | 5 | 24 | 3 | 330 | 74 | 223 | 33 | | 1386(1) | 19 | 3 | 15 | 1 | 225 | 53 | 157 | 16 | | 1387(1) | 14 | 3 | 10 | 1 | 178 | 52 | 111 | 15 | | ***1388(1)*** | ***9*** | ***2*** | ***7*** | ***1*** | ***131*** | ***34*** | ***87*** | ***10*** | |
| *1. Since 1380, weight of produced caviar has been included also with meat.* |
| *Source: Fisheries of Iran.* |
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| **4. 61. PRODUCTION OF VARIOUS FISH FRIES BY SPECIES (1000)** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Year | Total | Kutum | Sturgeon | Carps | Salmon | Trout | Bream | Perch | Other | | 1370 | 209693 | 109843 | 6608 | 84208 | 155 | 4974 | 2275 | 1630 | 0 | | 1375 | 325175 | 142092 | 12456 | 130371 | 424 | 28940 | 8478 | 2414 | 0 | | 1380 | 481271 | 232018 | 19970 | 90478 | 363 | 94333 | 15538 | 7412 | 21159 | | 1384 | 625411 | 229115 | 9943 | 110766 | 306 | 228219 | 27141 | 13517 | 6404 | | 1385 | 687881 | 174300 | 13800 | 144650 | 611 | 315500 | 19300 | 12890 | 6830 | | 1386 | 1268601 | 262458 | 12555 | 135331 | 464 | 804692 | 20498 | 16010 | 16594 | | 1387 | 573930 | 187145 | 15390 | 110940 | 430 | 197000 | 21965 | 15670 | 25390 | | ***1388*** | ***828739*** | ***400040*** | ***5091*** | ***120888*** | ***480*** | ***199618*** | ***22090*** | ***15734*** | ***64798*** | |
| *1. Revised figures*  *Source: Fisheries of Iran.* |
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| **4. 62. FISHING VESSELS AT THE END OF THE YEAR BY TYPE (vessel)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Year and Ostan | Total | Boat | Launch | Ship | | 1370 | 7602 | 4899 | 2581 | 122 | | 1375 | 10158 | 7265 | 2807 | 86 | | 1380 | 11007 | 7696 | 3238 | 73 | | 1384 | 11749 | 8276 | 3395 | 78 | | 1385 | 12120 | 8670 | 3403 | 47 | | 1386 | 12006 | 8827 | 3134 | 45 | | 1387 | 12142 | 8950 | 3148 | 44 | | ***1388*** | ***12016*** | ***8822*** | ***3147*** | ***47*** | | Bushehr | 2281 | 1710 | 551 | 20 | | Khuzestan | 2080 | 1470 | 609 | 1 | | Sistan & Baluchestan | 2390 | 1425 | 965 | 0 | | Golestan | 275 | 275 | 0 | 0 | | Gilan | 326 | 289 | 37 | 0 | | Mazandaran | 370 | 326 | 44 | 0 | | Hormozgan | 4294 | 3327 | 941 | 26 | |
| *Source: Fisheries of Iran.* |
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| **4. 63. FISHERMEN MEMBERS OF COOPERATIVES AT THE END OF THE YEAR BY OSTAN** **(person)** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | 1370 | 1375 | 1380 | 1384 | 1385 | 1386 | 1387 | 1388 | | Total | 28920 | 34043 | 41588 | 39643 | 38668 | 39392 | 37174 | 36999 | | Bushehr | 9680 | 11647 | 8664 | 10354 | 9017 | 10072 | 8758 | 8758 | | Khuzestan | 2415 | 4703 | 8971 | 4800 | 4850 | 4830 | 4270 | 4270 | | Sistan & Baluchestan | 1334 | 2011 | 2390 | 3204 | 2767 | 3358 | 3508 | 3508 | | Golestan | (1)0 | (1)0 | 1402 | 1644 | 1537 | 1537 | 1537 | 1539 | | Gilan | 5507 | 4600 | 7356 | 6241 | 6476 | 6467 | 6329 | 6259 | | Mazandaran | (1)5876 | (1)5264 | 4968 | 4217 | 4176 | 4116 | 4055 | 3966 | | Hormozgan | 4108 | 5818 | 7837 | 9183 | 9845 | 9012 | 8717 | 8699 | |
| *1. Statistics for Golestan are included with Mazandaran for the years 1370 and 1375.* |
| *Source: Fisheries of Iran.* |
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| **4. 64. OUTPUT,INTERMEDIATE CONSUMPTION AND VALUE ADDED OF AGRICULTURE, HUNTING AND FORESTRY” AND “FISHERIES” ACTIVITIES AT FACTOR COST** **(bln rials)** |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Description | 1370 | 1375 | 1380 | 1381 | 1382 | 1383 | 1384 | 1385 | | ***(At current prices)*** |  |  |  |  |  |  |  |  | | ***Output*** | ***11405*** | ***59005*** | ***134904*** | ***169731*** | ***208480*** | ***244338*** | ***278457*** | ***347120*** | | Farming & horticulture | 6785 | 35129 | 78460 | 103132 | 127073 | 147921 | 167652 | 213839 | | Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting | 4141 | 21453 | 51122 | 60038 | 73798 | 88272 | 101093 | 121695 | | Forestry | 143 | 951 | 1845 | 2631 | 3052 | 3028 | 3651 | 4328 | | Fishing | 335 | 1472 | 3478 | 3930 | 4556 | 5116 | 6061 | 7259 | | ***Intermediate consumption*** | ***3951*** | ***20632*** | ***52517*** | ***63621*** | ***79695*** | ***97251*** | ***106043*** | ***132374*** | | Farming & horticulture | 1683 | 9690 | 21954 | 28611 | 37003 | 45839 | 47665 | 60638 | | Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting | 2133 | 10265 | 28757 | 32733 | 40064 | 48472 | 55034 | 67787 | | Forestry | 36 | 198 | 409 | 668 | 784 | 792 | 1065 | 1264 | | Fishing | 98 | 480 | 1397 | 1608 | 1844 | 2147 | 2279 | 2685 | | ***Value added*** | ***7454*** | ***38373*** | ***82388*** | ***106110*** | ***128785*** | ***147087*** | ***172414*** | ***214746*** | | Farming & horticulture | 5102 | 25440 | 56505 | 74521 | 90070 | 102082 | 119988 | 153201 | | Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting | 2008 | 11188 | 22365 | 27305 | 33735 | 39800 | 46059 | 53907 | | Forestry | 107 | 753 | 1436 | 1963 | 2269 | 2236 | 2586 | 3063 | | Fishing | 237 | 992 | 2081 | 2322 | 2712 | 2969 | 3782 | 4575 | | ***(At 1376 constant prices)*** |  |  |  |  |  |  |  |  | | Value added | 35350 | 43208 | 45705 | 51919 | 53450 | 50986 | 58362 | 60506 | | Farming & horticulture | 22815 | 29953 | 29332 | 36672 | 38562 | 35632 | 40670 | 41842 | | Animal husbandry, chicken farming, raising of silkworm and honeybees and hunting | 10665 | 11126 | 14053 | 12751 | 12217 | 12745 | 14935 | 15571 | | Forestry | 420 | 833 | 1078 | 1224 | 1181 | 903 | 852 | 918 | | Fishing | 1449 | 1297 | 1242 | 1273 | 1491 | 1705 | 1905 | 2174 | |
| *Source: Statistical Centre of Iran.* |