



الهيئة العامة للإحصاء
General Authority for Statistics

Agricultural Production Survey Bulletin

2019

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Introduction:

Council of Ministers Resolution No. 211 dated 13/1/1437 AH granted the General Authority for Statistics (GASTAT) the authority to conduct surveys on economic, social, residential, and agricultural issues in the Kingdom and to regularly publish its findings. Based on this prerogative, GASTAT created programs and surveys aimed at providing a large statistical database that covers several areas, including agricultural statistics.

Therefore, the Agricultural Production Survey 2019 is considered one of the agricultural activities surveys issued by GASTAT as part of a series of agricultural surveys implemented in parallel with the Agricultural Production Survey after GASTAT had completed its first agricultural surveys in 2018 due to the importance of agricultural activities and their impact on food security.

The Agricultural Production Survey reflects the production of agricultural activities in the Kingdom. It aims to provide updated information on plant and animal agricultural production, such as cultivated areas, production amounts, sold production amounts by crop group, the number and production of livestock and poultry, and other important data on the level of administrative regions.

GASTAT would like to thank everyone who contributed to this project, namely government partners, as well as data providers from agricultural holdings whose collaboration has the greatest impact on the publication of this bulletin.

To improve the content of these bulletins, GASTAT welcomes comments and suggestions by email on agriculture@stats.gov.sa.

God is the Arbiter of Success

General Authority for Statistics



Data Sources for the Agricultural Production Bulletin:

The Agricultural Production Bulletin data relies on a field survey conducted by GASTAT in 2019. The survey falls under the category of “agricultural statistics” and collects data through a representative sample of holding visits spread out across all administrative regions in the Kingdom of Saudi Arabia, and an electronic form containing multiple questions. Data and indicators regarding plant and animal agricultural production in the Kingdom are consequently obtained.

Objectives:

- 1) Supporting decision-makers, policymakers, researchers, and those who are interested in getting comprehensive and updated statistics on finance and insurance activities in Saudi Arabia.
- 2) Providing annual data on animal and plant production and identifying productivity components and production methods.
- 3) Providing updated statistics on:
 - Cultivated area, amount of production and sold production of field crops (grains and fodder), as well as open field vegetables by crop type and agricultural season.
 - Cultivated area, number of greenhouses and sold production of protected vegetables and cut flowers by crop type.
 - Total number and quantities of palm tree production, sold production and number of fruitful trees by tree type.
 - Total number and quantities of evergreen tree (excluding palm) production, sold production and number of fruitful trees by tree type.
 - Number of livestock (sheep, goat, camel, cow) by type, breed, age group and sex.
 - Number of domestic poultry by type and number of produced eggs.
 - Beehive honey production by beehive type.



Agricultural Production Bulletin Terminologies and Concepts:

➤ Holding:

An economic unit of the agricultural production of crops and livestock under one management. The holding covers all animals included in it and all lands used fully or in-part for agricultural production, regardless of ownership, legal form, or size. The holding may be managed by one individual, a family, or two or more individuals or families jointly. This management may be undertaken by a legal person such as a company, a cooperative, a government agency, or others. The holding’s land may consist of one or more parts under one name, provided that all parts of

the holding evidently and distinctly use the same production means, such as labor or agricultural machinery and equipment, to the extent that these parts are considered one economic unit.

➤ **Holding Type:**

There are two types of holdings:

- 1) **Traditional (unregulated):** It is the most common type of agricultural holding in the Kingdom. Traditional holdings do not require previous approval or licenses from concerned authorities, and their production activities may be plant based, animal based, or both.
- 2) **Specialized (regulated):** This type of holding includes preapproved holdings (projects) that have acquired a license from the concerned authorities after submitting technical and economic studies. These holdings may be specialized in plant based production, animal based production, poultry farming, or fish farming. They may also be projects that primarily adopt modern and non-traditional techniques for agricultural production and that specialize in open field or greenhouse cultivation, dairy farming, or fattening farms for calves, sheep, or poultry.

➤ **Main Activity of the Holding:**

The prevailing activity practiced by the holding which is consistent with its economic revenues, such that it represents more than 50% of the annual income of that holding.

For the purposes of this agricultural census, the main activities of holdings have been divided into five categories:

- 1) **Plant:** When the activity that represents over 50% of the holding's annual income during an agricultural year is based on various permanent and temporary winter and summer crops.
- 2) **Animal:** When the activity that represents over 50% of the holding's annual income during an agricultural year is based on various types of animal resources farmed on the holding (sheep, goat, camel, cattle, livestock) and on beehives.
- 3) **Poultry:** When the activity that represents over 50% of the holding's annual income during an agricultural year is based on various types of poultry (boiler chicken, laying chickens, parent chicken, grandparent chicken, free range chicken, other birds such as ostrich, duck, goose, quail). Rabbits are also considered poultry.
- 4) **Fish:** When the activity that represents over 50% of the holding's annual income during an agricultural year is based on the farming and aquaculture of fish in internal ponds such as farms dedicated to fish or shrimp production.



5) **Mixed:** When the activity at the holding is mixed and none of its components represent more than 50% of the holding's annual income during an agricultural year, provided that the holding practices three or more different plant, animal, poultry or fish activities, and that each component represents less than 50% of the holding's activity.

➤ **Agricultural Year:**

For the purposes of agricultural surveys, the plant production agricultural year starts on (1/3/2018) and ends on (28/2/2019), corresponding to (13/6/1439 - 22/6/1440 AH).

For the holdings' livestock and poultry statistics, however, (31/12/2018), corresponding to (22/4/1440 AH), counts as the reference day.

➤ **Agricultural Season:**

There are two types of agricultural seasons:

1) **Winter Season:** Winter crops are cultivated in this season. It has a productive cycle of less than a year. Crops are usually planted in November and until the end of December and harvested in March, and can either be open field crops or evergreen trees, such as fruit trees. Examples of winter crops are: onions, garlic, carrots, peas, cabbage, celery, spinach, lettuce and radish.

2) **Summer Season:** Summer crops are cultivated in this season. It has a productive cycle of less than a year. Crops are usually planted in March, April and May and harvested in August and September. They can be open field or evergreen crops. Examples of summer crops are watermelon, melon, tomato, cucumber, eggplant, okra, pumpkin, mallow, and kidney beans.

➤ **Harvested Area:**

The actual area of plant production. In the case of sequential cropping on the same land within the same year, the area is recorded as many times as it is cultivated to yield the total harvest.

➤ **Open Field Agriculture:**

Cultivating fields with crops without protection from weather conditions.

➤ **Protected Agriculture:**

The cultivation of crops in greenhouses (areas covered in glass, plastic or another material) to protect them from weather conditions, such as light, temperatures, air and humidity. This creates a favorable environment for different kinds of plants to grow throughout the year. This method is usually used for cultivating vegetables and cut flowers.



The following are different types of greenhouses:

- 1) **Regular plastic:** Made from single or air-inflated double polyethylene, this is the most widespread type of greenhouse, and lasts for one year.
- 2) **Air-conditioned plastic:** Similar to the regular plastic greenhouses but with the added benefit of air conditioning.
- 3) **Glass:** As covering material, glass allows good light transmission (88%) and lasts the longest among greenhouse types.
- 4) **Fiberglass:** Also called glass-reinforced plastic (GRP), it is made from plastic, glass fibers and a binding material. It is more durable and long-lasting than glass.
- 5) **Other:** Greenhouses made from other materials.

➤ **Agricultural Production:**

The plant production of an agricultural holding, such as crops, vegetables, and evergreen trees; as well as the animal production. It includes grains, fodder, open-field and protected vegetables, cut flowers, fruits (including dates), as well as sheep, goat, cow and camel count; milk and dairy products, number of boiler chicken, table eggs, chicks, hatchery eggs, fish, ostrich and quail eggs and meat, and amount of rabbit meat and honey, in addition to secondary products, such as organic fertilizers and ostrich feathers and skin.

➤ **Cropping System:**

The method used in growing crops, which is one of 3 types:

- 1) **Mono-cropping:** Cultivating a single type of crop in an area designated for that crop alone, for example tomatoes.
- 2) **Intercropping:** Planting crops under evergreen trees in part or whole of the field. The temporary crop proportion is recorded separately, while the total the evergreen crop proportion counts as the total area.
- 3) **Sequential cropping:** Growing two crops in the same field, one after the other in the same year. The area of each crop is recorded separately while planting or growing them. Therefore, an area would be recorded twice if two different crops are grown in it in the same year. Sequential cropping should not be confused with sequential harvest of the same crop, where the area is recorded only once.



➤ **Sold production:**

The quantity of production that farmers supply to the market for an amount of money. It is part of the total production after subtracting the self-consumed quantities, and lost or damaged production. It includes plant crops, livestock and their products. The production given as a gift to families other than the holder's family- as well as donations- are considered part of the production.

Indicators:

The Bulletin includes many results and indicators regarding agricultural production, mainly:

Key indicators:	
1)	Fodder and grain cultivated and harvested area and total production by administrative region in the Kingdom, 2018
2)	Open-field vegetables cultivated area and total production by administrative region in the Kingdom, 2018
3)	Number and area of vegetable greenhouses and total production by administrative region in the Kingdom, 2018.
4)	Number and area of cut flower greenhouses and total production by administrative region in the Kingdom, 2018.
5)	Total number of palm trees, fruitful palm trees, total production and total sold production by type in the Kingdom, 2018.
6)	Total number of evergreen trees (except palm), fruitful evergreen trees, total production and total sold production by type in the Kingdom, 2018.
7)	Number of sheep by age and sex, and number of milking females across all breeds by administrative region in the Kingdom, end of 2018.
8)	Number of goats by age and sex, and number of milking females across all breeds by administrative region in the Kingdom, end of 2018.
9)	Number of camels by age and sex, and number of milking females across all breeds by administrative region in the Kingdom, end of 2018.
10)	Number of cows by age and sex, and number of milking females across all breeds by administrative region in the Kingdom, end of 2018.



11) numbers of domestic poultry by type, and number of eggs produced by administrative regions in the kingdom at the end of 2018.

12) Total honey produced by hive type across the administrative regions in the Kingdom, 2018.

Coverage:

- **Spatial coverage**

The Agricultural Production Survey covers data of agricultural production in all 13 administrative regions of the Kingdom of Saudi Arabia, which are: Riyadh, Makkah, Madinah, Qassim, Eastern Region, Asir, Tabuk, Hail, Northern Borders, Jazan, Najran, Al-Baha, and Al-Jouf. A scientifically selected sample to represent the region's holdings is visited in each region.

- **Temporal coverage:**

Data related to agricultural production and livestock and poultry numbers in Agricultural Production Survey is referred as follows:

- Plant production is referred to the agricultural year between (1/3/2018) and (28/2/2019), corresponding to 13/6/1439 AH to 22/6/1440
- livestock production data in 2018 is referred to (1/1/2018 until 31/12/2018, corresponding to 13/4/1439 Hijri until 22/4/1440AH).
- Livestock numbers are attributed to the last day of the calendar year, 31/12/2018, corresponding to 22/4/1440.



Used statistical classifications:

Definitions and concepts used in the Bulletin are based on the Food and Agriculture Organization's (FAO) World Programme for the Census of Agriculture 2020 (WCA 2020).

Sample selection:

The survey's sample was selected by identifying 19,642 holdings as a representative sample for the survey population in the Kingdom, distributed across administrative regions as follows:

Number of holdings	Administrative region	Number of holdings	Administrative region	Number of holdings	Administrative region
1,588	Najran	2,373	Asir	1,932	Riyadh
1,456	Al-Baha	1,076	Tabuk	2,625	Makkah
937	Al-Jouf	1,138	Hail	1,226	Madinah
		130	Northern Borders	1,776	Qassim
		1409	Jazan	1,976	Eastern Region

Data collection tools:

Field Data Collection Questionnaire: The survey form was prepared and designed by agricultural statistics experts at GASTAT. International recommendations, standards, and definitions were taken into consideration in the design of the survey, which was presented to agricultural statistics experts and specialists, as well as to relevant entities to obtain their insights and comments. Questions were redrafted based on a specific scientific approach aimed at unifying question formats as used by the researchers.



The form was divided into 10 thematic sections to improve the efficiency of complying with technical standards during the field work stage

Agricultural labour in 2018	Holder's household data	Definitive data	Geographical and special data
Beehaves	Livestock		Crops
Holding status	Holding lands uses data		Farm's good production requirements 2018

The complete questionnaire can be viewed and downloaded through GASTAT official website

After being approved, the survey questionnaire will be transformed into an electronic questionnaire that can be handled through the advanced data collection system using tablet devices. The system has the following features:

- 1) Reviewing the work zone of the field researcher (survey sample).
- 2) Reaching to the sample (agricultural holding) by using the map in the tablet.
- 3) Completing data of high-quality using data check rules and navigation (to automatically detect input errors and illogical inputs while the completion of the data is underway).
- 4) Communication between the supervisory categories is through sending and receiving the notes with the field researcher.

Data collection method:

- 1) Candidates for the positions of field researchers to visit holdings for data collection were selected based on several objective and scientific standards related to the nature of the work.
- 2) All candidates (GASTAT staff and collaborators from some government entities) were qualified and trained through special training programs.
- 3) Direct contact with agricultural holders was adopted as a method to fill the survey form and collect data. The field researchers visited the agricultural holdings listed in the survey sample and accessed them through coordinates on the tablets, guiding maps, and the holding's profile. They were equipped with official documents proving their identity within the statistics project and the aim of the visit. They also provided an overview of the survey and its objectives and filled-in the forms through verbal discussions with the agricultural holders. In the cases where no holder was available, the data was collected from any member of the holding with knowledge of its affairs.
- 4) All field researchers used tablet devices to collect the data in the survey form according to a timeline set based on the agricultural holding and its characteristics.
- 5) Field researchers at work locations across the Kingdom used the "sync" feature on the tablets to download and transfer the collected data on agricultural holdings directly to a linked database at the GASTAT headquarters where the data was stored appropriately to be reviewed and consulted at a later stage.
- 6) Electronic accuracy checks were conducted to guarantee that the data entered in the agricultural holdings survey form was coherent, accurate, and logical (electronic formula that identify contradictions). The formula were designed using a logical link between answers on the form and their variations to help field researchers directly identify any errors



when collecting data from agricultural holders through the form. The programmed formula don't allow any mistakes to go through when an answer contradicts with another piece of information or answer in the form.

- 7) The collected data is verified and reviewed by the field researcher, his/her inspector and the survey supervisor in the supervision area. All work areas are subjected to a monitoring and reviewing process from the Data Quality Room at GASTAT's headquarters. The room also controls and monitors the performance of all working groups in the field during the data collection process, from the first day and until the last day.

Results preparation and review:

After the collected data was reviewed, results were analyzed and extracted and outputs were uploaded to and stored in the database. Final reviews were then conducted by agricultural statistics specialists using modern techniques and software designed for review and accuracy checks.

Data publication:

First: Preparing the results designed for publishing:

At this stage, GASTAT uploads data results to the research and development surveys database. It then prepares publication tables and graphics for the data and indicators, and adds description and methodology information as seen in this Bulletin. These are prepared in both Arabic and English.

Second: Preparing media material and announcing the bulletin's release date:

The publication date of the bulletin is already set up by GASTAT on its official website at the beginning of the Calendar Year. During this period, the Authority is preparing the media kits to announce the date of releasing the bulletin through media, in addition to its various platforms in social networking sites. The bulletin will be published firstly on GASTAT's official website in different formats, such as Excel format to be easily reached for all clients and those who are interested in agricultural statistics. It will be uploaded on the website's statistics library as well.

Third: Communicating with clients and sending them the bulletin:

GASTAT places great importance on communicating with clients who use its data. Therefore, upon publication of the Agricultural Holdings Survey Bulletin, GASTAT will communicate with clients to provide them with the Bulletin. It will also receive questions and enquiries from clients regarding the Bulletin and its results through various communication channels, also used to request data. Enquiries are received through:

- GASTAT official website: www.stats.gov.sa



- GASTAT's official email: info@stats.gov.sa
- Client support email: cs@stats.gov.sa
- Visiting GASTAT headquarters in Riyadh or one of its branches in the regions of the Kingdom.
- Official Letters.
- Statistics line: (920020081).

| Applied quality procedures:

Agricultural statistics go through several technical procedures to guarantee the quality of the collected data. These procedures include:

- 1) Using assessments of previous surveys conducted by GASTAT to identify weaknesses and strengths in survey implementation and improve data collection procedures.
- 2) Training and testing researchers to ensure their ability to obtain data correctly in line with the survey's objectives.
- 3) Testing the electronic tools used to collect data to ensure data integrity and protection at all stages of the survey implementation.
- 4) Reducing respondent burden by using appropriate statistical methods.
- 5) Committing to the timely publication of results based on previously set deadlines.

Several other measures are implemented by the Data Quality Room at GASTAT during the field data collection process:



Data Quality Room:

An operations room that synchronously works with the field works of surveys. It is equipped with electronic monitoring tools and tracking screens used by observers and quality specialists to review the consistency of data and to detect errors and extreme values during the data collection process in the field. This is done by immediately following up what is being filled out by the field researcher. However, this Room is responsible for checking the researchers' commitment to the survey's instructions during the visit, and the correctness, reliability, and logicity of the data, and reviews some important indicators of the survey to ensure the data accuracy. The main tasks of the Data Quality Room are:

- Reviewing collected data and sending comments to field teams of all levels through an automated office system connected to the tablet devices used by researchers, so that they can get the comments automatically and instantly on site.
- To contact agricultural holders by phone and ask them some questions within the questionnaire to check that the researchers collected the data correctly and that they follow instructions during their visits, obtain the missing data which were not received and thank the agricultural holders for their collaboration.
- Responding to any field enquiries, whether from field researchers or agricultural holders.
- Checking the accuracy of the location where the questionnaire was completed by matching its coordinates with the ones recorded in the sample file.



Beneficiaries and benefits:

All government sectors whose work is linked to agricultural activities in the Kingdom of Saudi Arabia benefit from the Agricultural Production Bulletin. The Ministry of Environment, Water, and Agriculture (MEWA), the Agricultural Development Fund (ADF), and the Saudi Grains Organization (SAGO), are considered to be the main beneficiaries, followed by international and regional organizations, and researchers and planners interested in agricultural statistics. Data and indicators related to specialized agricultural projects are considered key statistical products that support decision-making in this field.

[More details on agricultural production bulletin can be found on the GASTAT website.](#)

Key indicators report:

First: crop data

1- Grains:

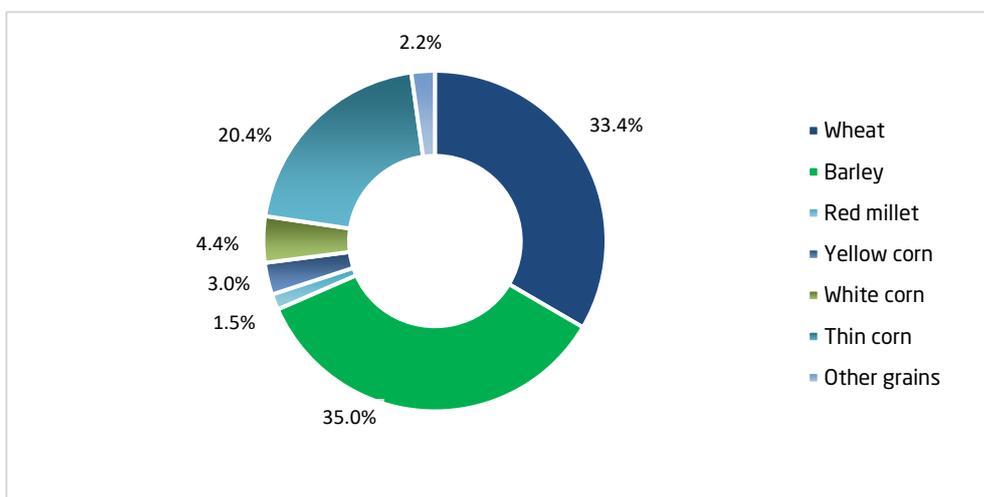
Results show that there are several kinds of grain crops, the most important of which are:

- 1) Wheat.
- 2) Barely.
- 3) Corn (different types).
- 4) Millet (red and Heishi).
- 5) Other grains.

The total grain cultivated area in 2018 reached (2,683,312) acres, of which (2,597,886) acres were harvested.

According to the 2018 Survey results, barley was the most widely cultivated grain, with (938) thousand acres, representing (35%) of the total grain cultivated areas in the Kingdom. Wheat was the second cultivated grain, with (897) thousand acres of cultivated area at (33.4%). Total grain production reached (1,440,065) tons, (86%) of which was sold.

Figure (1) Percentage distribution of grain cultivated land by type in the Kingdom, 2018



1) Barley:

Barely was the most cultivated grain, most widely in Riyadh, with (254) thousand acres at (27.1%) of the total area cultivated with barely. This was followed by Qassim, with (221,760) acres at (23.6%), then Hail, with (198,714) acres at (21.2%).

Total barely production reached (627,982) tons, (511,189) tons of which were sold.

2) Wheat:

Wheat was the second cultivated grain, most highly in Al-Jouf, where over (229) thousand acres is cultivated with wheat, at (25.6%) of the total cultivated area. Qassim came in second place, with (211,838) acres at (23.6%), followed by Riyadh, with (168,923) acres at (18.8%).

Wheat production in the Kingdom reached (534,000) tons, whereas the total sold production thereof was (508,756) tons, representing (95.3%) of total produced wheat.

2- Fodder:

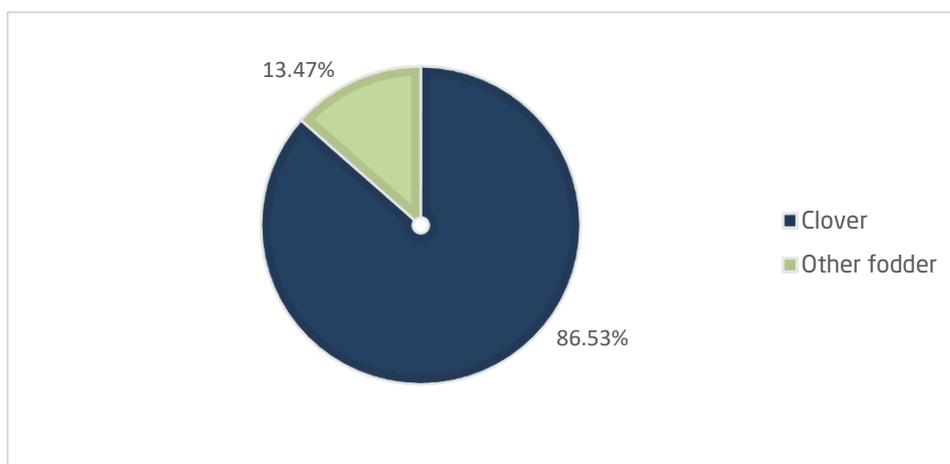
The total area cultivated with fodder reached (4,866,133) acres, (4,601,074) of which was harvested.

According to the 2018 results, clover was the most widely cultivated fodder, with over (4) million acres, representing (86.5%) of total fodder cultivated area in the Kingdom.

Total fodder production across all administrative regions reached (9,132,687) tons, (90.4%) of which was sold.

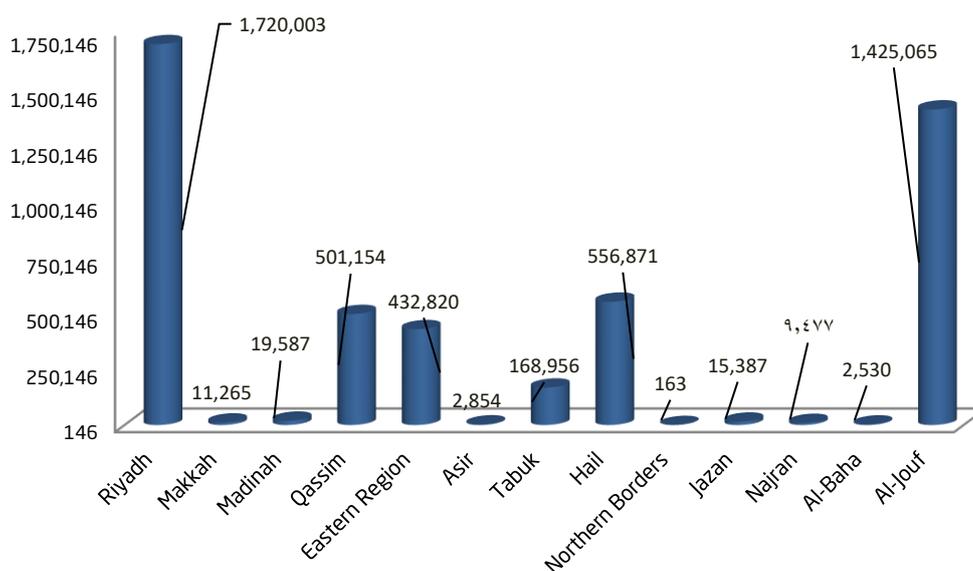


Figure (2) Percentage distribution of fodder cultivated land by type in the Kingdom, 2018.



Riyadh has the largest area cultivated with fodder, reaching (1,720,003) acres at (35.3%) of the total fodder cultivated area in the Kingdom, followed by Al-Jouf, with (1,425,065) acres at (29.3%), then Hail, with (556,871) acres at (11.4%).

Figure (3) Area of fodder cultivated land (acres) by administrative region in the Kingdom, 2018.

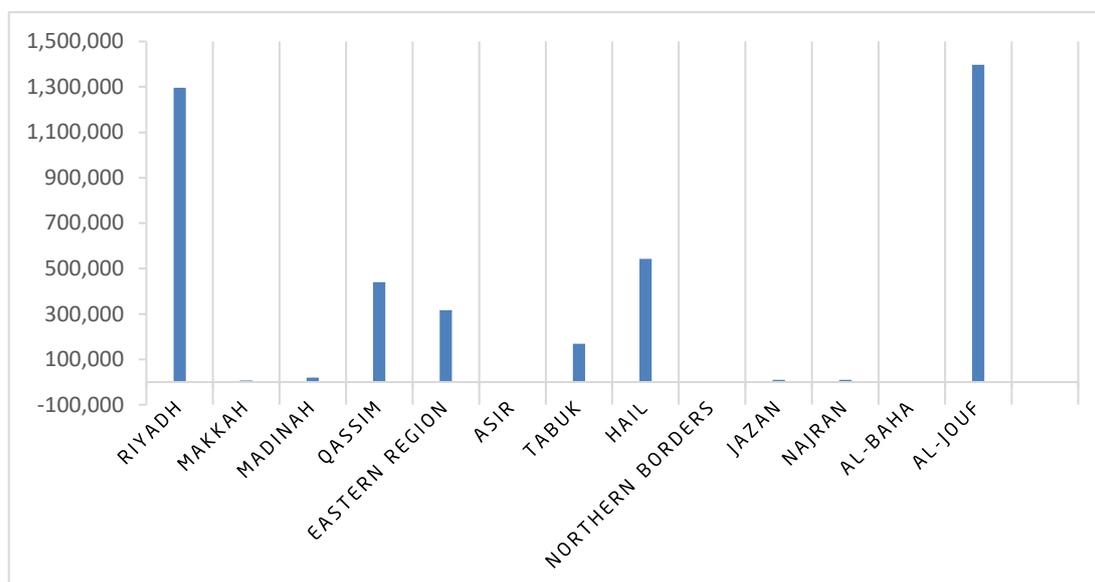


1) Clover:

Clover is the top cultivated fodder, with over (1.3) million acres in Al-Jouf holdings, at (33.2%) of the total clover cultivated area, followed by Riyadh, with (1,296,639) acres and Hail with (542,844) acres.

Total clover production reached (8,069,014) tons, (7.282.260) of which were sold (90.2%).

Figure (4) Area of clover cultivated land (acres) by administrative region in the Kingdom, 2018.



3- Open Field Vegetables:

First: Open Field Vegetables (Summer):

The total area cultivated with summer open field vegetables reached over (362) thousand acres, with watermelon being the most widely planted at (57%). Total annual production of summer watermelon reached (496.442) tons, (96%) of which was sold. Summer tomato crop came in second, accounting for (11%) of all summer vegetable crop area, with a total annual production amount of (77.015) tons, (94%) of which was sold.

Among all administrative regions, Makkah had the highest summer watermelon production percentage at (70%) of the total national area, while Riyadh came in second at (15%).

However, Riyadh had the highest percentage of summer tomato cultivation, at (65%), whereas the second most highly cultivated area belonged to Makkah at (9%).

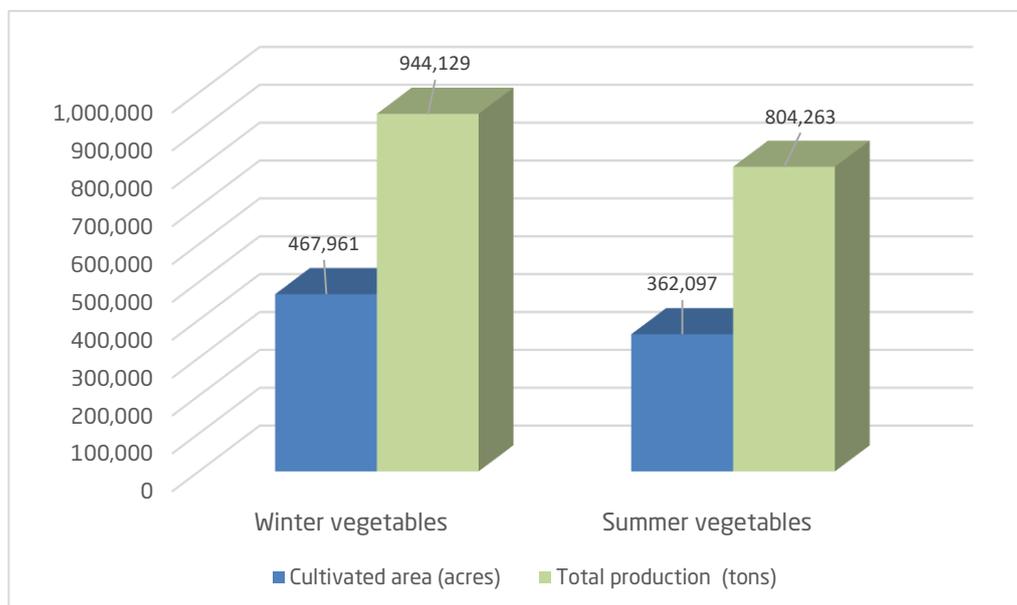
Second: Open Field Vegetables (Winter):

The area cultivated with winter open field vegetables reached (467) thousand acres. Results also showed that potato is the most widely cultivated winter vegetable, at (32%) out of all cultivated area. Total annual production of potato reached (373,283) tons, (95%) of which



was sold. Watermelon came in second, accounting for (22%) of the total area cultivated with winter vegetables in Saudi Arabia. Annual production of watermelon reached (191,275) tons, (93%) of which were sold. At the level of administrative regions, Riyadh accounted for (45%) of winter potato crops and Hail for (33%). As for watermelon, Makkah had the largest cultivated area at (96 %), followed by Madinah at (2%) of all winter watermelon crops.

Figure (5) Total cultivated area (acres) and total production of open field vegetables (tons) in the Kingdom, 2017.



4- Protected Vegetables:

The total area planted with protected vegetables was (32.947.306) m², with a total of (73.542) greenhouses.

Survey results indicated that tomato ranked the highest among all greenhouse vegetables in terms of number and area, with over (12.607.632) m², whereas cucumbers ranked second, with (8.727.132) m².

1) Tomato:

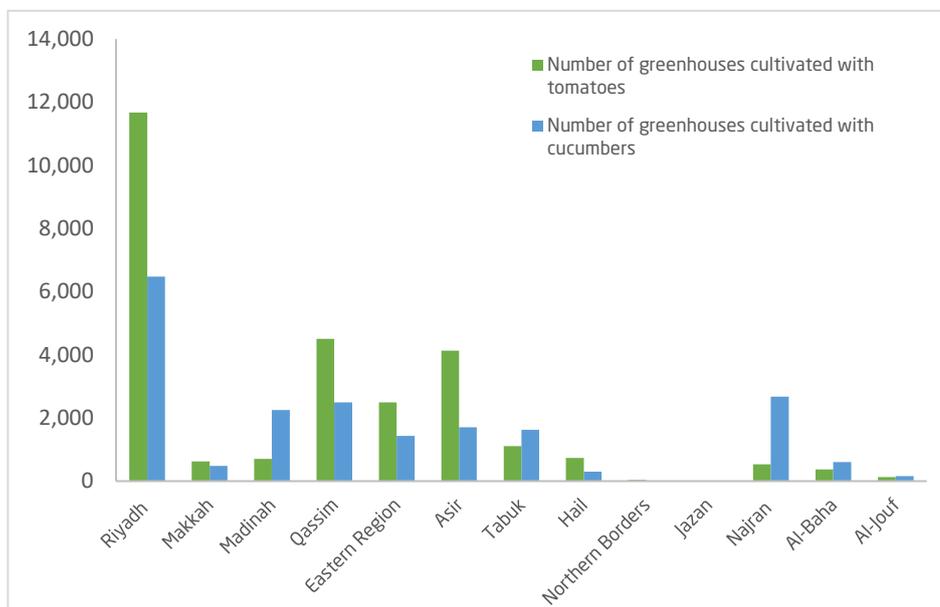
Riyadh had the highest protected tomato cultivation percentage of (47%) of the total area in the Kingdom, accounting for over (5) million m², followed by Qassim at (15%). Total tomato production in the Kingdom reached (115.952) tons, (107.218) of which were sold (92%).

2) Cucumber:

Riyadh had the largest protected cucumber cultivated area of (3) million m² at (37%) of the total cultivated area in the Kingdom, followed by Najran at (16%). Total protected cucumber production in the Kingdom reached (67.726) tons, (64.959) tons of which were sold (96%).



Figure (6) Number of tomato and cucumber greenhouses by administrative region in the Kingdom, 2018.

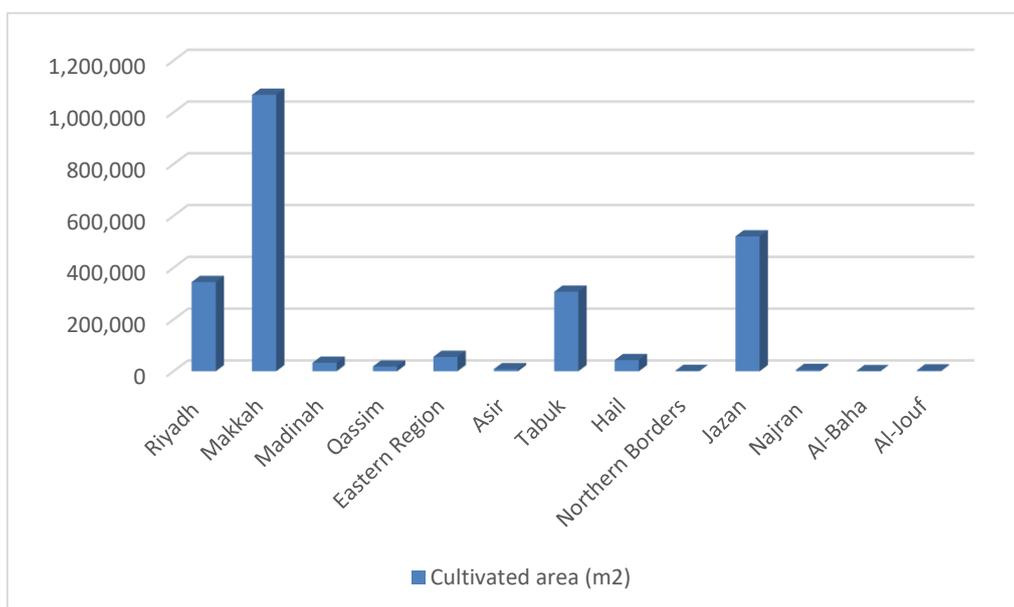


5- Protected Cut Flowers:

The area total greenhouse area cultivated with cut flowers is (2.410.106) m², with a total of (4.919) greenhouses in the Kingdom. The total production of protected cut flowers was (13.521) tons. Taif flowers were the most planted across (764.187) m², with a production amount of (1.408) tons, which equals (10.4%) of all protected cut flower production. Arabian Jasmine was the second most planted flower, with (573.258) m² and (1.999) tons produced , at a rate of (14.8%).



Figure (7) Total protected cut flower cultivated area (m2) by administrative region in the Kingdom, 2018.

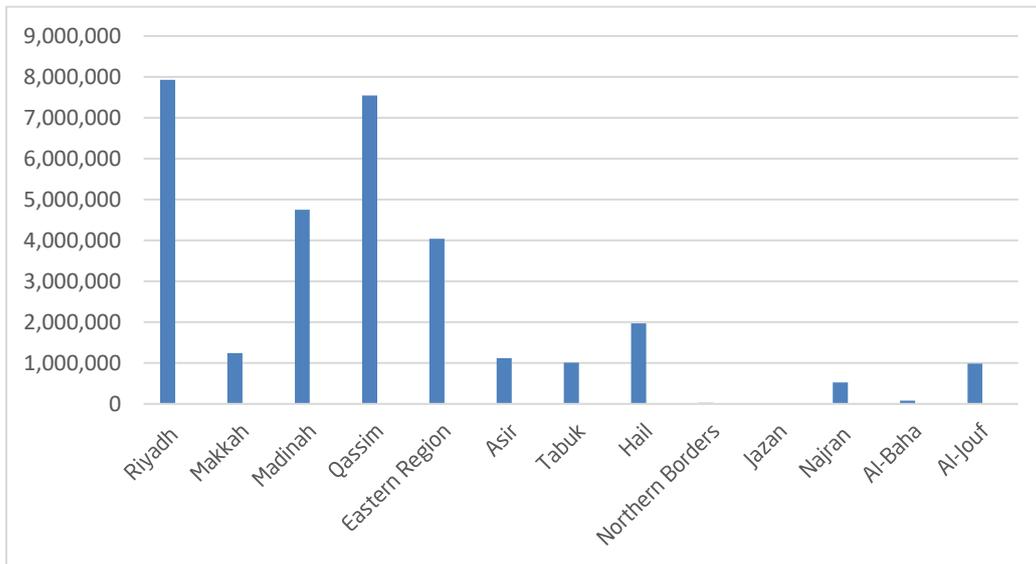


6- Palm Trees:

Palm trees are of high significance in the Saudi community, not only for their contribution to the social and food security, but also because of their connection to social values and traditions and agreeability with the local environment. It is for that reason that the palm tree is Saudi Arabia's symbol.

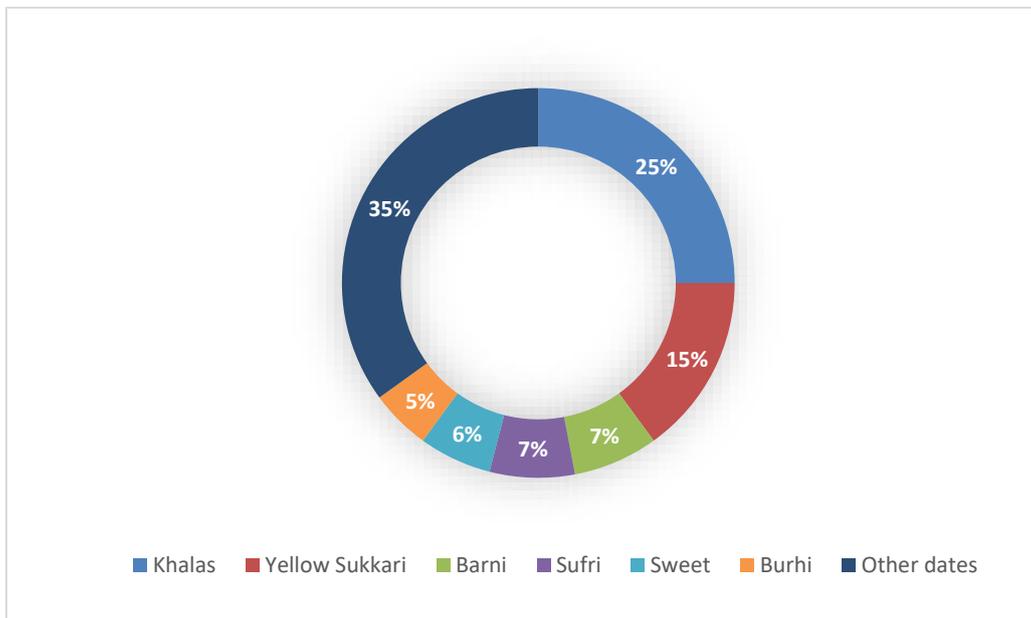
Results show that the total number of palm trees in the Kingdom was (31.234.155), where total palm tree production in 2018 amounted to (1.539.755) tons. Riyadh had the highest number of palm trees, reaching (7.924.947) amounting to (24%) of the total production. This was followed by Qassim, with (7.542.914) trees at (25%), then Madinah, with (4.751.040) trees at (15%).

Figure (8) Total number of palm trees by administrative region in the Kingdom, 2018.



Khalas is the most planted palm tree, with (7.903.510) trees at (25%) of total palm trees in the Kingdom, followed by yellow Sukkari, with (4.783.922) trees at (15%)

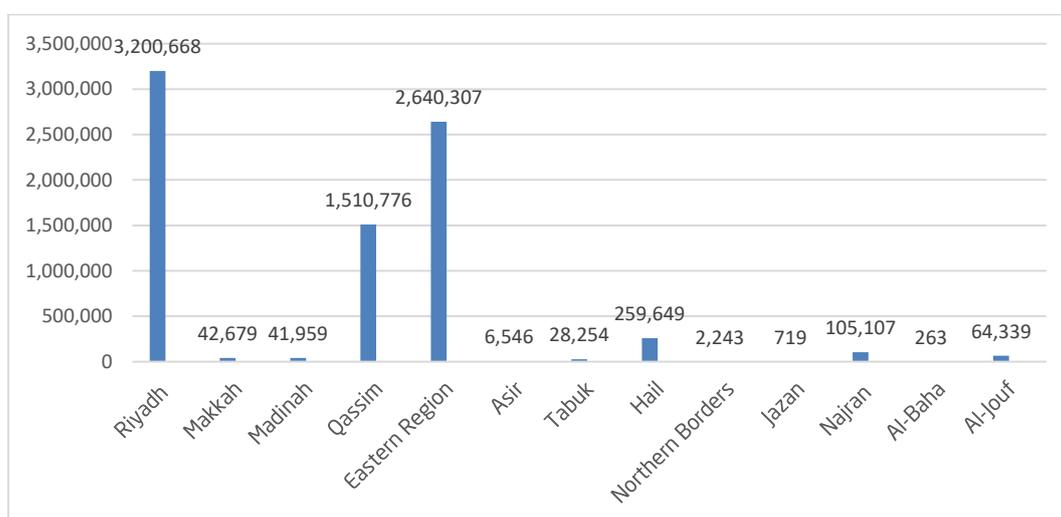
Figure (9) Percentage distribution of palm trees by type in the Kingdom, 2018



1) Khalas:

Riyadh witnessed the largest number, with (3.200.668) trees at (40%) of total Khalas trees in the Kingdom, followed by the Eastern Region, with (2.640.307) Khalas trees at (33%) of the total production, then Qassim, with (1.510.776) trees at (19%).

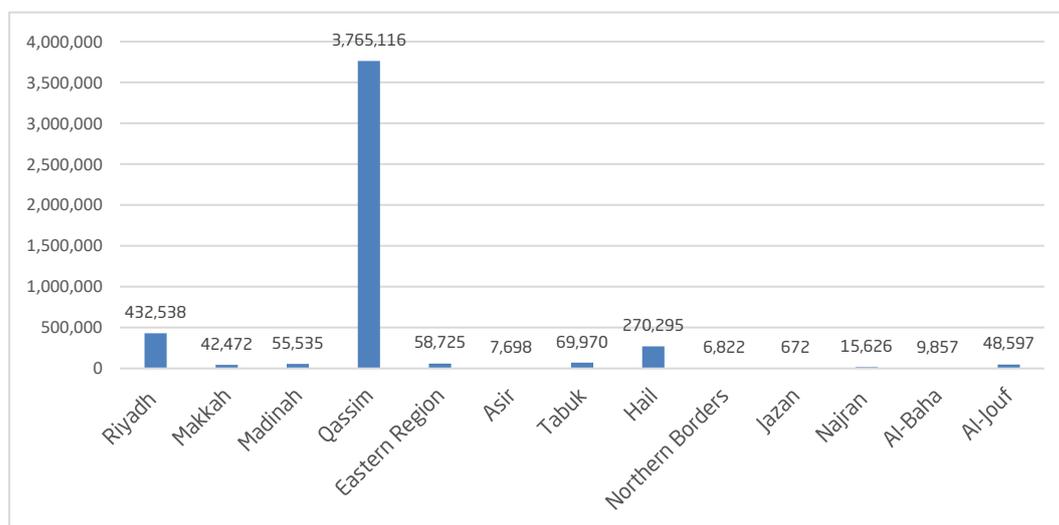
Figure (10) Total number of Khalas palm trees by administrative region in the Kingdom, 2018.



2) Yellow Sukkari:

Qassim had the highest number of yellow Sukkari palm trees, with (3.765.116) trees at (79%) of all production of trees of that type in the Kingdom.

Figure (11) Total number of yellow Sukkari palm trees by administrative region in the Kingdom, 2018.



7-Evergreen trees (excluding palm trees):

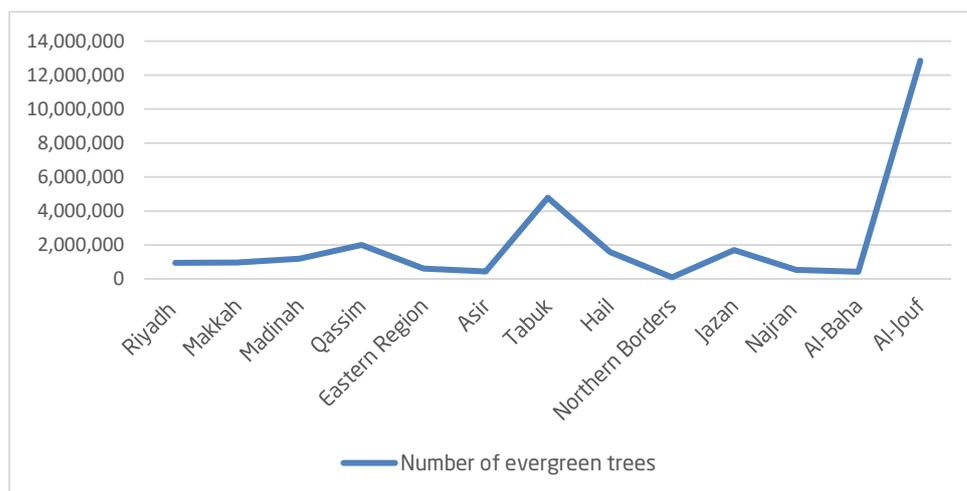
The number of evergreen trees (excluding palm) is over (28) million trees, (20) million of which are fruitful trees, at (73%). Al-Jouf has the highest percentage of evergreen trees across the Kingdom (46%), followed by Tabuk (17%).

Olive trees are the most highly planted evergreen trees aside from palm, with (14) million trees, representing (51%) of all evergreen trees. (65%) of all olive trees are fruitful.

This was followed by grape trees, with (5) million trees, representing (18%) of all evergreen trees. (89%) of all grape trees are fruitful.



Figure (12) Number of evergreen trees (excluding palm) by administrative region in the Kingdom, 2018



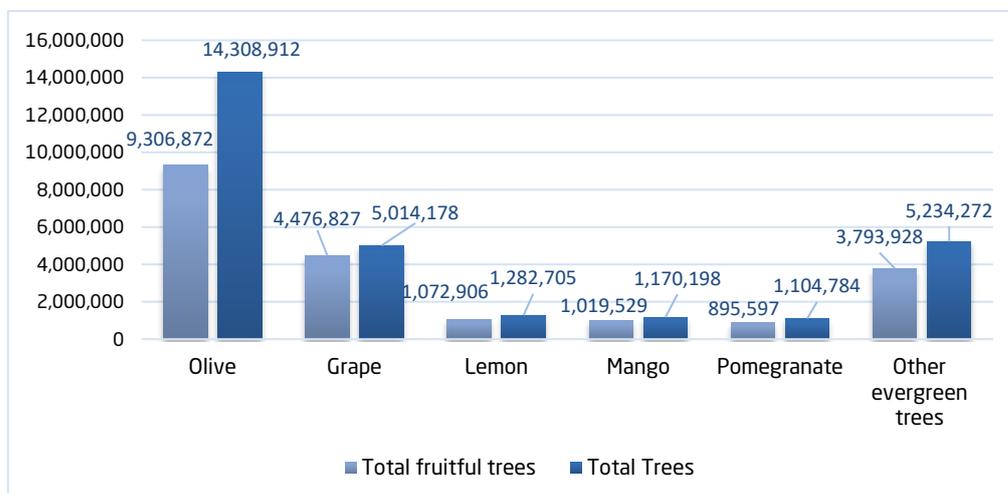
1) Olive:

(82%) of all olive trees with (11.708.452) trees are planted in Al-Jouf, which produced over (278) thousand tons of olives.

2) Grape:

(45%) of all olive trees with (2.280.376) trees are planted in Tabuk, which produced over (53) thousand tons of grapes.

Figure (13) Number of (fruitful) evergreen trees (excluding palm) by type in the Kingdom, 2018.



Third: Livestock Data:

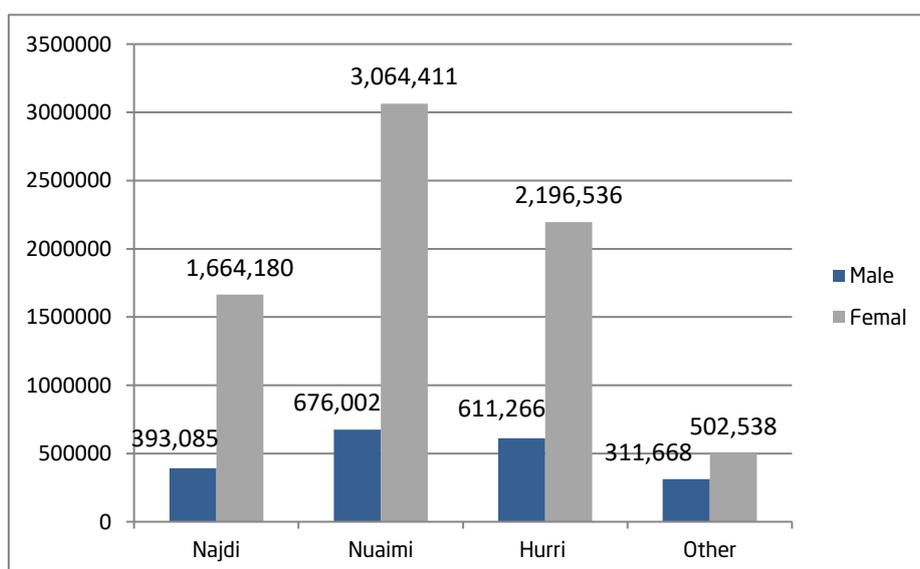
1- Sheep:

Total sheep count across all agricultural holdings exceed (9.419), (23.1%) of which are in Riyadh, (18%) in Qassim and (13.5%) in Makkah.

Milking females (12 months and over) represent (58%) of all female sheep.

Nuaimi was the top breed, representing (40%) of all sheep in the Kingdom, followed by Hurri (30%), Najdi (22%), then other sheep breeds (9%).

Figure (14) Distribution of sheep by sex and breed in the Kingdom, 2018.



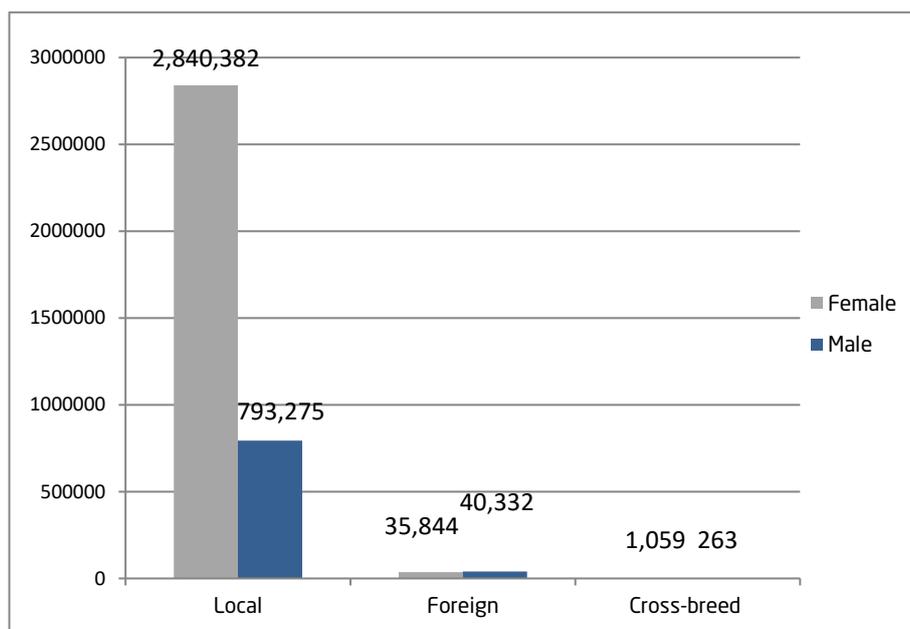
2- Goats:

Total goat count across all agricultural holdings exceed (3,711), (19%) of which are in Riyadh, (14%) in Makkah and (11%) in Qassim.

Milking females (12 months and over) represent (56%) of all female goats.

The local breed represented (98%) of the total goat count in the agricultural holdings in the Kingdom, followed by the foreign breed (2%) and the cross-breed (0.04%).

Figure (15) Distribution of goats by sex and breed in the Kingdom, 2018.



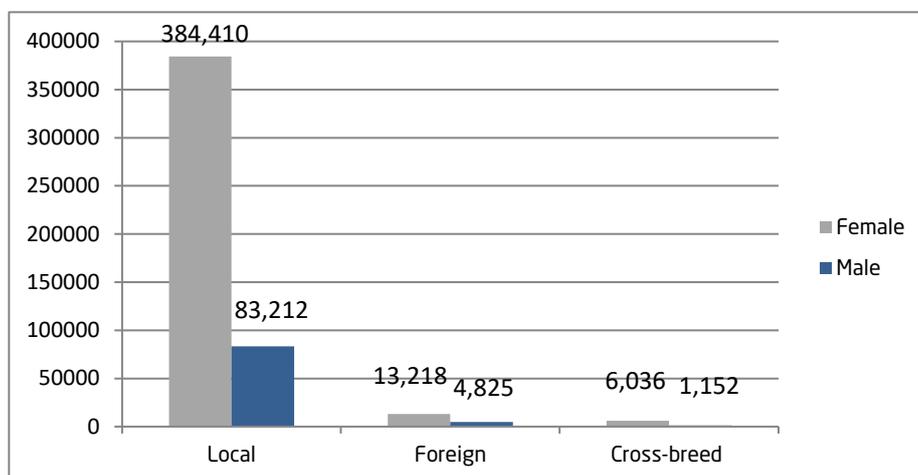
3- Camels:

Total camel count across all agricultural holdings exceeded (492) thousand, (28%) of which are in Riyadh, (20%) in Qassim and (14%) in the Eastern Region.

Milking females (4 years and over) represent (52%) of all camel females.

The local breed represented the highest percentage (95%) of all breeds in the agricultural holdings in the Kingdom, followed by the foreign breed (4%) and the cross breed (1.5%).

Figure (16) Distribution of camels by sex and breed in the Kingdom, 2018.



4- Cows:

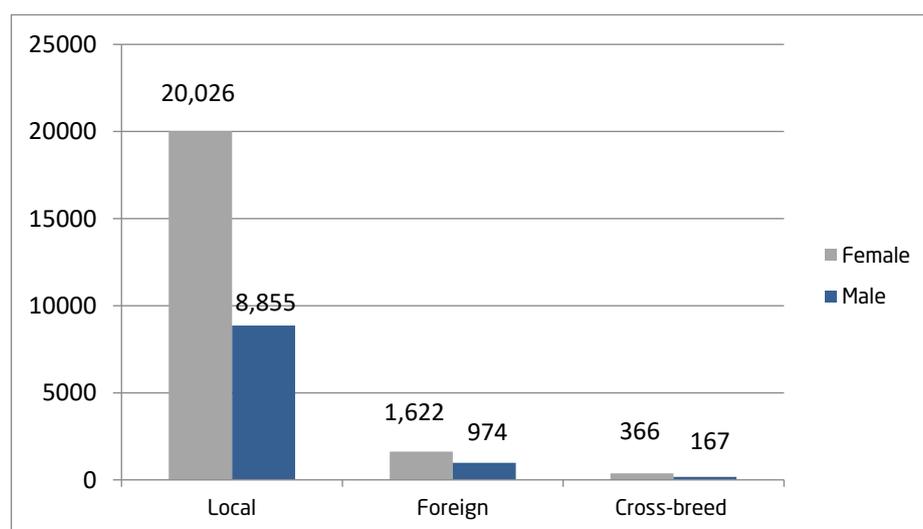
Total cow count across all agricultural holdings exceeded (32) thousand, (41%) of which are in Riyadh, (23%) in the Eastern Region and (11%) in Jazan.

Milking females (2 years and over) represent (62%) of all cow females.

The local breed represented (90%) of the total goat count in the agricultural holdings in the Kingdom, followed by the foreign breed (8%) and the cross-breed (2%).



Figure (17) Distribution of cows by sex and breed in the Kingdom, 2018.



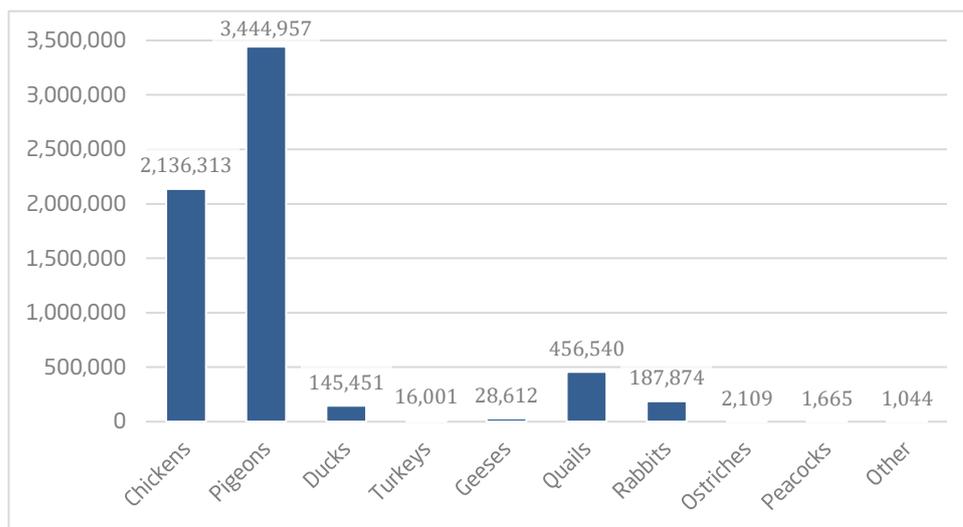
5- Domestic Poultry:

The domestic poultry and bird count in non-specialized agricultural holdings in the Kingdom reached (6.420.566), (54%) of which are pigeons, followed by chicken (33%), and quail (7%).

Qassim had the highest percentage of pigeons (44%), Riyadh the highest of chicken (34%), and Madinah of quail (75%), each in their bird type category across non-specialized agricultural holdings in the Kingdom.

Results also show that the total production of eggs by domestic poultry was (126.840.584) eggs.

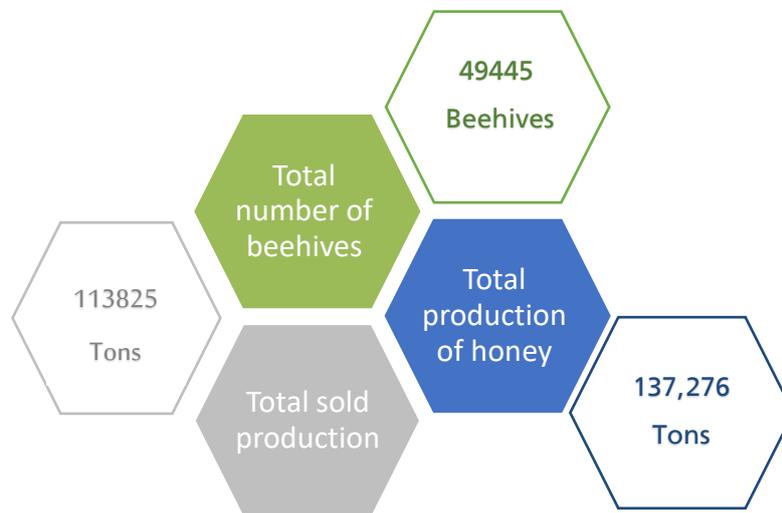
Figure (18) Number of domestic poultry by type in the Kingdom, 2018.



6- Beehives:

Total honey production from beehives in Saudi Arabia was (137.276) tons, (78.988) of which from traditional beehives, and (58.289) of which from modern (industrial) beehives

Figure (19) Total number of beehives, total production of honey and total sold production across the Kingdom, 2018



| Publication Tables:



Grain cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2018

Table 1

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
244,487.7	290,762.5	435,378.4	437,450.0	Riyadh
49,363.1	63,964.0	180,550.1	189,513.2	Makkah
1,242.9	1,416.0	3,520.5	3,607.1	Madinah
219,285.3	236,505.1	427,050.1	453,099.0	Qassim
92,420.9	114,047.3	205,783.1	206,629.7	Eastern Region
49,237.3	63,858.0	121,646.3	125,559.3	Asir
67,439.5	73,561.7	101,683.6	102,631.8	Tabuk
234,851.7	284,928.6	366,955.9	370,841.3	Hail
250.4	325.8	436.2	436.2	Northern Borders
71,491.8	93,323.2	407,077.9	432,763.0	Jazan
2,561.1	3,141.5	4,251.9	4,289.1	Najran
5,818.8	8,207.7	11,169.7	22,821.4	Al-Baha
199,108.2	206,023.6	332,382.6	333,670.8	Al-Jouf
1,237,558.7	1,440,065.0	2,597,886.4	2,683,311.7	Total

Area = 1000 m2

Grain cultivated and harvested area, total production and total sold production by crop in the Kingdom, 2018

Table 2

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Crops
511,189.0	627,982.2	916,186.8	938,610.0	Wheat
508,756.0	534,000.0	879,988.0	897,560.0	Barley
181.7	486.2	778.5	778.5	Oat
4,577.8	8,456.7	39,604.7	39,987.7	Red millet
2,521.7	2,949.0	9,064.9	9,262.3	Heishi millet
43,300.2	47,635.8	78,387.5	81,415.8	Yellow corn
58,859.4	77,367.1	101,907.6	117,848.5	White corn
11.9	18.9	50.4	50.4	Sweet corn
7,834.4	9,858.9	24,421.0	24,710.0	Maize

Area = 1000 m²

Grain cultivated and harvested area, total production and total sold production in the Kingdom, 2018

Table 2 second part

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Crops
95,462.0	123,868.9	523,429.7	548,660.0	Broom-corn
52.0	69.4	79.2	90.5	Dried beans
84.8	151.4	302.8	302.8	Lentil
41.8	53.8	378.3	378.3	Cress
3,486.8	4,118.7	16,292.6	16,630.0	Sesame
15.4	17.9	126.6	130.1	Rice
1,183.7	3,029.9	6,888.0	6,896.9	Other grains
1,237,558.7	1,440,065.0	2,597,886.4	2,683,311.7	Total

Area = 1000 m2

Barley cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2018

Table 3

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
153,488.9	189,752.9	252,966.5	254,504.9	Riyadh
666.7	938.0	3,905.1	4,003.7	Makkah
235.3	247.3	517.7	517.7	Madinah
106,880.2	115,879.6	206,735.1	221,760.0	Qassim
84,506.6	105,037.1	187,250.4	188,010.4	Eastern Region
1,365.7	2,367.4	6,776.0	6,971.7	Asir
9,399.0	10,285.2	14,529.9	15,462.8	Tabuk
118,764.1	164,382.1	194,841.9	198,714.7	Hail
75.2	125.3	227.9	227.9	Northern Borders
512.4	565.2	1,318.8	1,318.8	Jazan
618.9	673.9	1,189.3	1,189.3	Najran
196.1	222.0	555.0	555.0	Al-Baha
34,480.1	37,506.2	45,373.4	45,373.4	Al-Jouf
511,189	627,982	916,187	938,610	Total

Area = 1000 m²

Wheat cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2018

Table 4

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
84,116.1	92,993.0	168,620.8	168,923.1	Riyadh
3,275.6	3,657.9	11,601.0	11,661.2	Makkah
539.3	590.8	1,517.8	1,583.3	Madinah
104,188.1	111,062.6	201,090.0	211,838.8	Qassim
4,829.7	5,169.0	9,361.8	9,369.9	Eastern Region
15,446.8	16,707.6	41,478.1	44,911.4	Asir
53,337.7	58,179.7	74,488.9	74,504.2	Tabuk
83,918.1	86,036.6	114,141.0	114,141.0	Hail
8,451.2	8,845.0	26,565.3	28,170.7	Jazan
789.6	848.8	1,925.0	1,944.7	Najran
233.1	248.4	552.1	581.8	Al-Baha
149,630.7	149,660.7	228,646.3	229,929.9	Al-Jouf
508,756	534,000	879,988	897,560	Total

Area = 1000 m²

Fodder cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2018

Table 5

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
3,000,358.7	3,201,652.6	1,674,110.5	1,720,003.2	Riyadh
12,700.0	17,969.8	10,828.4	11,265.2	Makkah
17,004.1	23,199.9	14,339.2	19,587.3	Madinah
695,985.0	764,174.2	484,247.5	501,153.8	Qassim
706,682.3	768,156.2	419,843.3	432,820.4	Eastern Region
2,344.1	3,769.2	2,237.4	2,854.4	Asir
299,389.5	333,743.6	164,114.2	168,956.4	Tabuk
893,703.7	976,139.1	554,169.8	556,870.7	Hail
220.2	262.1	163.1	163.1	Northern Borders
13,739.0	20,727.9	13,067.3	15,387.3	Jazan
12,369.6	16,988.4	9,321.2	9,476.6	Najran
2,679.3	3,781.7	2,417.2	2,530.1	Al-Baha
2,597,058.9	3,002,122.7	1,252,215.3	1,425,064.9	Al-Jouf
8,254,234.2	9,132,687.5	4,601,074.4	4,866,133.3	Total

Area = 1000 m²

Fodder cultivated and harvested area, total production and total sold production by crop in the Kingdom, 2018

Table 6

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Crops
7,282,260.5	8,069,013.7	3,976,455.4	4,210,600.7	Clover
971,973.7	1,063,673.7	624,619.0	655,532.7	Other fodder
8,254,234.2	9,132,687.5	4,601,074.4	4,866,133.3	Total

Area = 1000 m2

Clover cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2018

Table 7

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
2,360,989.4	2,510,846.7	1,266,985.6	1,296,638.8	Riyadh
7,237.9	10,173.2	6,333.8	6,709.6	Makkah
16,461.9	22,576.6	13,919.2	19,135.7	Madinah
619,754.7	679,491.5	428,666.8	439,938.5	Qassim
537,626.8	587,761.7	311,309.0	315,574.2	Eastern Region
2,089.0	3,386.5	1,929.4	2,512.4	Asir
299,090.3	333,347.1	163,887.3	168,726.0	Tabuk
875,650.1	957,143.1	540,142.7	542,843.5	Hail
220.2	262.1	163.1	163.1	Northern Borders
7,704.8	11,643.5	8,046.5	10,207.1	Jazan
12,314.5	16,922.1	9,302.2	9,457.5	Najran
1,164.5	2,215.4	1,109.7	1,184.7	Al-Baha
2,541,956.5	2,933,244.3	1,224,660.2	1,397,509.7	Al-Jouf
7,282,260.5	8,069,013.7	3,976,455.4	4,210,600.7	Total

Area = 1000 m2

Protected and summer and winter open field vegetables cultivated area by administrative region in the Kingdom, 2018

Table 8

Total	Protected vegetables	Winter open field vegetables	Summer open field vegetables	Administrative Region
234,253.2	13,025.9	137,473.8	83,753.5	Riyadh
276,638.7	730.9	111,278.2	164,629.7	Makkah
21,682.1	1,274.6	11,561.9	8,845.5	Madinah
34,332.0	4,790.5	24,757.7	4,783.8	Qassim
22,924.2	3,931.1	12,704.2	6,288.8	Eastern Region
9,976.1	2,826.2	2,815.9	4,334.0	Asir
35,865.0	2,281.1	21,211.7	12,372.2	Tabuk
88,845.7	761.5	79,966.7	8,117.5	Hail
369.9	40.7	196.9	132.3	Northern Borders
27,953.0	17.1	8,785.4	19,150.5	Jazan
18,211.7	1,926.7	8,018.7	8,266.3	Najran
15,973.9	609.3	7,133.4	8,231.2	Al-Baha
75,979.4	731.6	42,056.4	33,191.5	Al-Jouf
863,005	32,947	467,961	362,097	Total

Area = 1000 m2

Summer open field vegetables cultivated crop area, total production and total sold production by crop in the Kingdom, 2018

Table 9

Sold production (ton)	Production (ton)	Cultivated area	Crops
477,244.6	496,442.2	207,966.0	Watermelon
72,053.5	77,015.1	41,074.1	Tomato
95,963.1	97,767.8	39,413.5	Potato
31,690.9	33,779.3	17,234.4	Melon
13,074.9	14,956.3	8,778.1	Hot pepper
12,452.7	13,865.7	7,176.6	Zucchini
8,073.2	8,981.9	6,730.8	Okra
5,093.0	6,171.8	4,684.4	Beans
7,579.9	8,854.3	3,977.7	Sweet pepper
4,946.7	5,570.5	3,774.8	Eggplant
5,547.9	6,275.6	3,435.6	Cucumber
3,126.6	3,529.3	2,397.5	Mulukhiyah
2,620.7	3,028.0	1,954.7	Onion
3,491.2	3,767.6	1,805.7	Scallion
1,167.7	1,648.8	1,402.8	Coriander
1,236.1	1,301.0	1,112.4	Rocca
1,234.2	1,518.7	1,089.2	Cabbage
1,781.4	1,786.7	893.1	Parsley
16,708.9	18,003.0	7,195.5	Other vegetables
765,087	804,263	362,097	Total

Area = 1000 m2

Summer open field vegetables cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2018

Table 10

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
157,081.9	163,339.9	83,753.5	Riyadh
383,917.7	401,133.9	164,629.7	Makkah
16,954.6	18,511.9	8,845.5	Madinah
8,790.6	9,136.4	4,783.8	Qassim
11,477.7	12,155.2	6,288.8	Eastern Region
6,050.1	7,108.5	4,334.0	Asir
29,839.5	31,335.5	12,372.2	Tabuk
20,137.6	21,207.6	8,117.5	Hail
419.0	431.0	132.3	Northern Borders
31,367.3	33,958.6	19,150.5	Jazan
15,803.2	17,659.5	8,266.3	Najran
10,061.4	13,100.2	8,231.2	Al-Baha
73,186.5	75,185.4	33,191.5	Al-Jouf
765,087	804,263	362,097	Total

Area = 1000 m²

Summer open field watermelon cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2018

Table 11

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
62,485.5	64,328.4	30,715.1	Riyadh
359,576.7	372,089.0	146,211.3	Makkah
11,162.6	12,082.4	5,469.0	Madinah
3,302.7	3,382.9	1,834.8	Qassim
5,709.8	5,794.3	2,897.2	Eastern Region
3.0	4.1	2.7	Asir
2,464.7	2,768.5	1,191.1	Tabuk
1,023.1	1,039.4	519.7	Hail
11.8	13.6	15.1	Northern Borders
20,669.5	21,355.0	10,637.9	Jazan
31.2	31.2	17.0	Najran
6,065.7	8,421.3	5,889.0	Al-Baha
4,738.3	5,132.1	2,566.1	Al-Jouf
477,245	496,442	207,966	Total

Area = 1000 m2

Summer open field tomato cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2018

Table 12

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
45,557.0	48,250.3	26,657.7	Riyadh
5,844.8	6,558.5	3,874.0	Makkah
1,820.0	1,945.1	745.8	Madinah
272.1	292.7	99.5	Qassim
1,218.6	1,372.9	642.1	Eastern Region
2,829.3	3,229.4	1,680.2	Asir
3,219.4	3,338.3	1,169.6	Tabuk
576.9	611.4	352.8	Hail
2.3	2.5	1.3	Northern Borders
1,183.9	1,264.7	710.1	Jazan
6,481.3	6,667.8	3,141.0	Najran
1,038.1	1,260.4	782.0	Al-Baha
2,009.9	2,221.0	1,218.0	Al-Jouf
72,054	77,015	41,074	Total

Area = 1000 m2

Winter open field vegetables cultivated crop area, total production and total sold production by crop in the Kingdom, 2018

Table 13

Sold production (ton)	Production (ton)	Cultivated area	Crops
354,052.3	373,283.4	151,107.3	Potato
177,867.7	191,275.4	101,846.0	Watermelon
123,525.3	139,640.9	76,867.8	Tomato
42,088.2	54,962.6	27,245.3	Onion
20,913.5	25,099.2	17,989.7	Scallion
25,964.9	28,338.5	14,891.1	Zucchini
19,633.4	20,740.7	14,122.1	Cabbage
20,373.2	22,330.3	10,655.2	Eggplant
11,954.8	13,697.6	9,204.8	Okra
11,798.9	13,287.0	8,473.2	Carrot
14,874.8	15,791.3	6,214.5	Lettuce
6,886.4	7,878.5	6,214.2	Cauliflower
9,360.7	11,055.1	5,641.6	Melon
10,556.5	11,167.9	4,152.5	Cucumber
4,172.6	4,821.7	2,984.6	Rocca
8,782.5	10,758.8	10,351.0	Other vegetables
862,806	944,129	467,961	Total

Area = 1000 m2

Winter open field vegetables cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2018

Table 14

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
285,838.7	301,883.6	137,473.8	Riyadh
192,885.0	208,152.6	111,278.2	Makkah
20,347.6	22,438.2	11,561.9	Madinah
38,758.1	42,982.0	24,757.7	Qassim
17,026.6	19,177.0	12,704.2	Eastern Region
3,985.7	4,626.6	2,815.9	Asir
32,467.4	41,310.8	21,211.7	Tabuk
170,559.3	185,312.9	79,966.7	Hail
219.3	276.6	196.9	Northern Borders
12,800.2	15,243.4	8,785.4	Jazan
16,229.3	18,913.0	8,018.7	Najran
19,407.3	20,723.0	7,133.4	Al-Baha
52,281.1	63,089.2	42,056.4	Al-Jouf
862,806	944,129	467,961	Total

Area = 1000 m2

Winter open field potato cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2018

Table 15

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
177,806.3	182,738.8	68,176.2	Riyadh
15.6	15.6	25.9	Makkah
59.5	70.5	44.0	Madinah
27,778.7	28,249.5	14,124.7	Qassim
301.8	317.8	134.4	Eastern Region
147.7	147.7	61.6	Asir
11,328.0	15,859.2	7,552.0	Tabuk
128,846.2	138,108.2	49,910.5	Hail
6.8	9.1	4.5	Jazan
200.2	205.7	274.3	Najran
4.0	4.0	2.6	Al-Baha
7,557.5	7,557.5	10,796.4	Al-Jouf
354,052	373,283	151,107	Total

Area = 1000 m2

Winter open field watermelon cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2018

Table 16

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
170,439.0	182,944.6	97,293.5	Makkah
3,576.3	3,993.0	1,900.4	Madinah
126.8	161.4	115.3	Qassim
22.3	29.0	22.3	Asir
660.3	815.2	652.2	Tabuk
3,040.9	3,329.9	1,859.7	Jazan
0.1	0.3	0.6	Najran
1.9	2.0	2.0	Al Baha
177,868	191,275	101,846	Total

Area = 1000 m²

Number and area of vegetable greenhouses, total production and total sold production by crop in the Kingdom, 2018

Table 17

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Crops
107,218.0	115,951.7	12,607,632.2	27,069.0	Tomato
64,958.8	67,726.4	8,727,131.6	20,245.0	Cucumber
20,178.0	21,283.6	3,088,445.0	7,424.0	Sweet pepper
21,397.4	22,443.1	2,909,990.7	6,207.0	Eggplant
16,535.2	17,764.7	1,901,112.9	4,660.0	Zucchini
6,725.9	7,041.5	1,066,399.8	2,466.0	Hot pepper
4,269.3	4,534.0	774,210.0	1,979.0	Beans
1,850.9	1,941.4	401,450.0	821.0	Okra
672.3	1,075.6	101,510.0	135.0	Potato
528.2	548.3	91,540.0	216.0	Carrot
299.5	311.8	63,450.0	97.0	American pumpkin

Number and area of vegetable greenhouses, total production and total sold production by crop in the Kingdom, 2018

second part of table 17

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Crops
2,331.0	2,352.0	58,450.0	288.0	Broccoli
374.5	392.2	49,870.0	107.0	Pumpkin
1,351.9	1,360.8	47,330.9	89.0	Melon
219.0	219.0	37,041.5	74.0	Watermelon
89.0	93.0	9,940.0	21.0	Cowpea
19.4	19.7	3,175.2	8.0	Coriander
11.6	12.0	2,500.0	5.0	Pea
8,734.4	9,354.2	1,006,126.0	1,631.0	Other vegetables
257,764	274,425	32,947,306	73,542	Total

Number and area of vegetable greenhouses, total production and total sold production by administrative region in the Kingdom, 2018

Table 18

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Administrative Region
99,056.0	104,770.1	13,025,884.0	25,763.0	Riyadh
5,341.6	5,771.9	730,873.6	1,612.0	Makkah
9,713.8	10,193.6	1,274,625.2	3,891.0	Madinah
42,419.5	44,939.0	4,790,529.3	11,837.0	Qassim
31,265.1	33,422.7	3,931,148.5	7,898.0	Eastern Region
26,360.4	29,167.3	2,826,195.1	7,950.0	Asir
15,831.9	16,617.2	2,281,106.1	5,618.0	Tabuk
6,165.5	6,596.0	761,535.5	2,080.0	Hail
223.9	228.8	40,741.4	99.0	Northern Borders
36.8	36.8	17,104.3	58.0	Jazan
11,034.0	11,604.4	1,926,705.9	3,777.0	Najran
3,822.0	4,077.5	609,300.4	1,316.0	Al-Baha
6,493.6	6,999.4	731,556.5	1,641.0	Al-Jouf
257,764	274,425	32,947,306	73,542	Total

Number and area of tomato greenhouses, total production and total sold production by administrative region in the Kingdom, 2018

Table 19

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Administrative Region
46,388.1	49,128.7	5,908,140.8	11,675.0	Riyadh
1,896.5	2,116.4	224,473.8	629.0	Makkah
1,776.9	1,922.2	205,793.7	707.0	Madinah
19,088.5	20,575.6	1,898,251.2	4,507.0	Qassim
10,500.8	11,588.0	1,237,723.4	2,495.0	Eastern Region
19,956.1	22,295.0	1,799,954.4	4,132.0	Asir
3,537.9	3,762.3	477,079.0	1,108.0	Tabuk
1,463.3	1,642.7	206,181.5	735.0	Hail
112.5	114.1	14,373.9	40.0	Northern Borders
10.6	10.6	2,643.7	5.0	Jazan
576.5	675.3	266,667.6	533.0	Najran
1,224.8	1,375.5	290,584.4	373.0	Al-Baha
685.5	745.4	75,764.6	130.0	Al-Jouf
107,218	115,952	12,607,632	27,069	Total

Number and area of cucumber greenhouses, total production and total sold production by administrative region in the Kingdom, 2018

Table 20

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Administrative Region
25,561.2	26,597.7	3,216,341.6	6,477	Riyadh
1,989.3	2,115.9	242,923.0	486	Makkah
5,698.9	5,940.6	739,102.4	2,255	Madinah
7,396.1	7,627.2	998,436.8	2,498	Qassim
5,651.0	5,928.1	715,024.3	1,433	Eastern Region
2,891.3	3,076.0	526,070.2	1,704	Asir
4,586.9	4,740.0	608,240.0	1,628	Tabuk
826.0	867.4	106,465.7	301	Hail
40.5	42.5	5,065.4	11	Northern Borders
0.0	0.0	0.0	0	Jazan
8,928.5	9,319.7	1,400,375.0	2,681	Najran
996.1	1,047.9	121,109.1	606	Al-Baha
393.0	423.3	47,978.1	163	Al-Jouf
64,959	67,726	8,727,132	20,245	Total

Number and area of cut flower greenhouses, total production and total sold production by administrative region in the Kingdom, 2018

Table 21

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Administrative Region
2,659.6	2,762.3	344,734.1	794.0	Riyadh
4,970.6	5,182.1	1,067,721.5	2,430.0	Makkah
13.4	16.5	32,959.0	85.0	Madinah
24.6	24.6	18,411.7	131.0	Qassim
2,265.8	2,318.2	55,841.3	141.0	Eastern Region
20.4	20.4	8,145.4	39.0	Asir
1,311.7	1,372.8	307,226.3	181.0	Tabuk
238.5	245.5	43,157.0	194.0	Hail
2.9	2.9	1,459.7	5.0	Northern Borders
1,441.6	1,531.4	520,901.6	871.0	Jazan
31.9	32.7	5,489.3	24.0	Najran
3.2	3.3	790.0	7.0	Al-Baha
8.5	8.6	3,269.2	17.0	Al-Jouf
12,992	13,521	2,410,106	4,919	Total

Number and area of cut flower greenhouses, total production and total sold production by crop in the Kingdom, 2018

Table 22

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Crops
1,297.4	1,407.7	764,186.7	1,652	Taif rose
1,909.1	1,998.9	573,258.4	1,127	Arabian jasmine
484.1	498.3	212,332.4	383	Damask rose
1,757.9	1,837.0	143,856.8	355	Basil
592.2	610.9	114,039.0	73	Clove
614.6	646.9	106,298.6	273	Baladi rose
218.6	251.7	99,440.0	240	Pandanus
399.4	430.1	92,135.2	102	Madini rose
387.3	391.4	49,063.2	109	Jasmine

Number and area of cut flower greenhouses, total production and total sold production by crop in the Kingdom, 2018

second part of table 23

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Crops
156.4	165.0	34,180.0	55	Chrysanthemum
112.7	118.2	26,909.5	24	Lily
105.8	107.7	25,640.0	62	Mugwort
1,297.1	1,305.0	15,196.2	37	Iris
1,852.8	1,873.0	9,521.0	51	Jasmine
16.1	16.1	6,076.0	16	Teucrium polium
14.7	14.7	5,360.0	15	Lavender
5.3	5.9	2,792.8	8	Dog-rose
1,771.1	1,842.6	129,820.4	337	Other flowers, roses and aromatic plants (clarified)
12,992.5	13,521.1	2,410,106.3	4,919	Total

Total number of palm trees, fruitful palm trees, total production and total sold production by administrative region in the Kingdom, 2018

Table 23

Sold production (ton)	Total production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
351,073.0	402,411.6	6,290,624	7,924,947	Riyadh
45,235.0	59,825.5	1,044,284	1,243,909	Makkah
189,643.8	213,668.3	3,812,367	4,751,040	Madinah
345,057.7	372,827.1	6,187,301	7,542,914	Qassim
182,293.0	213,515.9	3,431,533	4,042,524	Eastern Region
37,272.0	55,209.7	983,955	1,117,738	Asir
42,480.2	50,639.0	875,468	1,012,499	Tabuk
66,041.7	97,390.3	1,740,970	1,973,528	Hail
276.8	401.7	9,001	24,918	Northern Borders
92.3	131.1	3,813	8,822	Jazan
19,314.9	27,180.3	391,492	526,333	Najran
2,342.6	3,351.8	71,216	80,935	Al-Baha
34,045.0	43,203.4	798,649	984,048	Al-Jouf
1,315,167.9	1,539,755.8	25,640,675	31,234,155	Total

Total number of palm trees, fruitful palm trees, total production and total sold production by type in the Kingdom, 2018

Table 24

Sold production (ton) ²	Total production (ton)	Number of fruitful trees	Total number of trees	Type
384,394.1	422,694.8	6,538,315	7,903,510	Khalas
226,403.8	245,335.7	3,949,894	4,783,922	Yellow Sukkari
85,108.1	94,813.2	1,748,107	2,185,873	Barni
73,193.1	99,297.4	1,828,724	2,056,953	Safri
62,018.2	82,832.4	1,488,778	1,752,822	Sweet
56,723.7	69,103.0	1,225,480	1,534,671	Barhi
40,398.5	46,715.9	745,851	894,372	Saq'i
45,462.1	48,071.9	664,593	879,052	Ajwa
38,329.3	45,057.5	728,443	860,628	Rothana
27,328.6	33,804.4	601,029	722,694	Red Sukkari
23,999.6	27,243.7	525,483	718,863	Khodri

Total number of palm trees, fruitful palm trees, total production and total sold production by type in the Kingdom, 2018

second part of table 24

Sold production (ton)	Total production (ton)	Number of fruitful trees	Total number of trees	Type
43,092.4	48,527.7	623,218	652,160	Surri
17,096.8	26,711.8	481,567	557,344	Maktoumi
24,109.4	30,006.8	484,685	556,729	Raziz
18,943.2	22,223.2	370,800	460,130	Nabtat Ali
17,232.4	20,078.2	317,654	368,553	Nabtat Saif
12,037.6	15,765.9	292,737	338,465	Shaqra
14,709.9	18,012.3	275,897	320,820	Selej
10,777.1	13,888.5	218,120	244,908	Sheishi
93,810.1	129,571.6	2,531,300	3,441,686	Other palm trees
1,315,167.9	1,539,755.8	25,640,675	31,234,155	Total

Total number of Khalas palm trees, fruitful trees, total production and total sold production by administrative region in the Kingdom, 2018

Table 25

Sold production (ton) ²	Total production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
161,109.3	177,031.7	2,527,789	3,200,668	Riyadh
1,144.4	1,460.2	30,748	42,679	Makkah
1,554.6	1,717.0	36,442	41,959	Madinah
72,228.4	75,245.7	1,270,655	1,510,776	Qassim
129,393.4	143,615.7	2,257,143	2,640,307	Eastern Region
212.7	261.8	6,382	6,546	Asir
1,188.7	1,357.7	27,066	28,254	Tabuk
11,553.4	14,069.5	235,129	259,649	Hail
27.9	36.3	797	2,243	Northern Borders
3.5	4.8	132	719	Jazan
3,602.1	4,931.0	84,564	105,107	Najran
0.0	2.7	66	263	Al-Baha
2,375.7	2,960.6	61,403	64,339	Al-Jouf
384,394.1	422,694.8	6,538,315	7,903,510	Total

Total number of yellow Sukkari palm trees, fruitful trees, total production and total sold production by administrative region in the Kingdom, 2018

Table 26

Sold production (ton) ²	Total production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
18,329.6	21,303.9	356,434	432,538	Riyadh
1,321.1	1,831.3	36,966	42,472	Makkah
1,829.4	2,376.8	41,646	55,535	Madinah
187,789.6	197,948.4	3,086,956	3,765,116	Qassim
1,526.8	1,746.1	49,815	58,725	Eastern Region
190.4	221.1	6,998	7,698	Asir
3,027.2	3,511.2	62,940	69,970	Tabuk
10,426.5	13,646.5	244,470	270,295	Hail
76.2	106.4	2,749	6,822	Northern Borders
24.9	29.8	610	672	Jazan
508.7	618.1	11,428	15,626	Najran
157.0	222.4	8,810	9,857	Al-Baha
1,196.4	1,773.6	40,074	48,597	Al-Jouf
226,403.8	245,335.7	3,949,894	4,783,922	Total

Total number of evergreen trees (except palm), fruitful evergreen trees, total production and total sold production by administrative region in the Kingdom, 2018

Table 27

Sold production (ton) ²	Total production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
20,863.3	24,304.9	688,853	951,282	Riyadh
28,685.8	35,986.5	836,041	958,319	Makkah
29,938.5	33,364.9	1,013,139	1,198,705	Madinah
37,451.1	40,349.0	1,346,284	1,994,036	Qassim
11,797.9	15,649.2	450,767	603,164	Eastern Region
11,905.1	14,918.6	384,696	442,189	Asir
132,117.4	140,067.4	4,093,609	4,786,675	Tabuk
36,021.6	39,486.5	1,317,679	1,590,084	Hail
627.0	751.5	44,452	91,390	Northern Borders
84,252.1	87,621.8	1,257,492	1,703,037	Jazan
25,716.8	27,239.9	465,376	525,918	Najran
8,686.3	12,057.4	360,891	421,775	Al-Baha
291,016.5	298,217.4	8,306,380	12,848,475	Al-Jouf
719,079.2	770,015.1	20,565,659	28,115,049	Total

Total number of evergreen trees (except palm), fruitful evergreen trees, total production and total sold production by type in the Kingdom, 2018

Table 28

Sold production (ton)	Production (ton)	Number of fruitful trees	Total number of trees	Type
347,296.5	357,818.6	9,306,872	14,308,912	Olive
111,946.0	117,638.8	4,476,827	5,014,178	Grape
48,806.3	51,718.2	1,072,906	1,282,705	Lemon
82,553.8	86,455.3	1,019,529	1,170,198	Mango
23,049.5	27,939.4	895,597	1,104,784	Pomegranate
105,427.1	128,444.9	3,793,928	5,234,272	Other evergreen trees
719,079.2	770,015.1	20,565,659	28,115,049	Total

Total number of olive trees, fruitful olive trees, total production and total sold production by administrative region in the Kingdom, 2018

Table 29

Sold production (ton)	Production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
3,180.2	3,705.9	135,212	299,787	Riyadh
58.7	63.4	4,281	4,756	Makkah
1,206.8	1,432.9	69,128	77,755	Madinah
9,305.8	10,593.7	298,506	581,281	Qassim
32.0	39.2	1,632	2,938	Eastern Region
52.3	54.7	1,991	2,343	Asir
45,938.0	48,544.4	812,319	932,943	Tabuk
13,588.0	14,655.2	477,830	606,455	Hail
350.4	431.6	32,815	76,931	Northern Borders
1.5	1.7	39	44	Jazan
1.2	3.0	83	89	Najran
252.9	282.2	13,401	15,138	Al-Baha
273,328.7	278,010.7	7,459,633	11,708,452	Al-Jouf
347,296.5	357,818.6	9,306,872	14,308,912	Total

Total number of grape trees, fruitful grape trees, total production and total sold production by administrative region in the Kingdom, 2018

Table 30

Sold production (ton)	Production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
2,324.5	2,789.4	122,735	130,174	Riyadh
1,947.5	2,327.4	68,516	76,635	Makkah
5,760.8	6,790.6	158,386	169,508	Madinah
18,314.2	18,785.7	733,866	1,009,677	Qassim
554.4	582.8	14,156	16,516	Eastern Region
2,628.4	2,834.5	67,381	80,411	Asir
52,591.5	53,757.9	2,155,665	2,280,376	Tabuk
17,065.9	17,844.1	640,230	706,377	Hail
193.2	219.2	6,263	6,493	Northern Borders
1.2	2.9	146	154	Jazan
1,469.9	1,650.5	47,766	53,114	Najran
847.0	968.1	31,174	34,338	Al-Baha
8,247.3	9,085.7	430,542	450,406	Al-Jouf
111,946.0	117,638.8	4,476,827	5,014,178	Total

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Table 31

Milking females	Najdi						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
289,259	588,719	112,219	469,611	26,732	119,108	85,487	Riyadh
32,446	52,931	14,669	39,597	3,960	13,334	10,709	Makkah
79,304	136,667	32,782	108,820	10,358	27,847	22,424	Madinah
161,796	379,769	75,094	301,358	16,750	78,411	58,344	Qassim
19,475	48,297	15,150	36,155	7,089	12,142	8,061	Eastern Region
40,441	95,581	27,725	78,491	12,078	17,090	15,647	Asir
41,351	86,950	36,959	66,370	18,772	20,580	18,187	Tabuk
73,131	146,889	40,699	112,585	16,057	34,304	24,642	Hail
131	422	62	392	21	30	41	Northern Borders
6,341	12,714	5,752	9,427	2,657	3,287	3,095	Jazan
52,787	85,821	22,172	65,241	5,707	20,580	16,465	Najran
2,693	6,620	2,403	5,179	1,094	1,441	1,309	Al-Baha
8,753	22,800	7,399	17,739	2,613	5,061	4,786	Al-Jouf
807,909	1,664,180	393,085	1,310,965	123,888	353,215	269,197	Total

Excluding cattle breeders in Badiah and the edges of residential areas*

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

second part of table (31)

Nu'aimi							Administrative Region
Milking females	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
398,026	784,744	163,264	627,047	31,288	157,697	131,976	Riyadh
1,392	2,886	735	1,863	319	1,023	416	Makkah
12,711	24,769	7,429	18,629	1,866	6,140	5,563	Madinah
251,790	872,445	160,779	683,477	39,728	188,968	121,051	Qassim
169,597	454,893	122,928	338,280	26,910	116,613	96,018	Eastern Region
640	1,416	694	1,142	386	274	308	Asir
41,743	69,886	24,321	60,168	15,718	9,718	8,603	Tabuk
169,780	495,854	110,173	387,054	27,317	108,800	82,856	Hail
5,202	12,225	2,582	10,738	381	1,487	2,201	Northern Borders
56	204	76	94	22	110	54	Jazan
43,707	109,162	29,866	87,414	6,987	21,748	22,879	Najran
214	249	51	214	25	35	26	Al-Baha
113,503	235,678	53,104	189,187	13,375	46,491	39,729	Al-Jouf
1,208,360	3,064,411	676,002	2,405,307	164,322	659,104	511,680	Total

Excluding cattle breeders in badia and the edges of residential areas

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Third part of table (31)

Hurri							Administrative Region
Milking females	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
273,061	416,892	84,505	346,941	16,987	69,951	67,518	Riyadh
461,140	790,838	230,583	611,551	80,159	179,287	150,424	Makkah
26,944	66,567	21,720	52,038	7,273	14,529	14,447	Madinah
54,230	150,606	30,481	120,680	6,190	29,926	24,291	Qassim
3,474	9,379	2,228	8,095	1,315	1,284	913	Eastern Region
172,651	406,458	118,415	320,725	42,239	85,733	76,176	Asir
3,874	11,673	5,645	8,510	2,962	3,163	2,683	Tabuk
2,664	8,349	1,546	6,556	372	1,793	1,174	Hail
8	18	8	15	2	3	6	Northern Borders
35,297	73,632	38,251	51,232	15,963	22,400	22,288	Jazan
48,628	107,236	27,546	83,556	6,606	23,680	20,940	Najran
69,561	153,702	50,126	124,296	22,441	29,406	27,685	Al-Baha
738	1,186	212	1,107	89	79	123	Al-Jouf
1,152,271	2,196,536	611,266	1,735,302	202,598	461,234	408,668	Total

Excluding cattle breeders in Badiah and the edges of residential areas*

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Fourth part of table (31)

Other							Administrative Region
Milking females	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
10,971	22,001	5,431	18,874	1,903	3,127	3,528	Riyadh
26,287	48,988	126,068	36,787	113,058	12,201	13,010	Makkah
756	2,515	7,814	2,239	570	276	7,244	Madinah
10,327	17,252	10,064	14,289	6,473	2,963	3,591	Qassim
14,907	39,751	21,773	32,680	16,122	7,071	5,651	Eastern Region
21,535	45,519	18,681	35,858	9,296	9,661	9,385	Asir
626	2,525	2,781	1,878	2,456	647	325	Tabuk
95	251	118	190	73	61	45	Hail
70	170	63	140	3	30	60	Northern Borders
82,477	223,498	85,695	164,953	34,862	58,545	50,833	Jazan
38,031	88,048	28,841	66,119	8,436	21,929	20,405	Najran
6,782	11,874	4,282	9,043	1,508	2,831	2,774	Al-Baha
26	146	57	102	15	44	42	Al-Jouf
212,889	502,538	311,668	383,152	194,775	119,386	116,893	Total

Excluding cattle breeders in Badiah and the edges of residential areas*

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Fifth part of table (31)

Total							Administrative Region
Milking females	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
971,317	1,812,356	365,419	1,462,473	76,910	349,883	288,509	Riyadh
521,266	895,643	372,055	689,798	197,496	205,845	174,559	Makkah
119,715	230,518	69,745	181,726	20,067	48,792	49,678	Madinah
478,143	1,420,072	276,418	1,119,804	69,141	300,268	207,277	Qassim
207,453	552,320	162,079	415,210	51,436	137,110	110,643	Eastern Region
235,266	548,974	165,515	436,216	63,999	112,758	101,516	Asir
87,594	171,034	69,706	136,926	39,908	34,108	29,798	Tabuk
245,671	651,343	152,536	506,385	43,819	144,958	108,717	Hail
5,410	12,835	2,715	11,285	407	1,550	2,308	Northern Borders
124,172	310,048	129,774	225,706	53,504	84,342	76,270	Jazan
183,153	390,267	108,425	302,330	27,736	87,937	80,689	Najran
79,250	172,445	56,862	138,732	25,068	33,713	31,794	Al-Baha
123,020	259,810	60,772	208,135	16,092	51,675	44,680	Al-Jouf
3,381,429	7,427,665	1,992,021	5,834,726	685,583	1,592,939	1,306,438	Total

Excluding cattle breeders in Badiah and the edges of residential areas*

Number of goats by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Table 32

Milking females	Local						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
265,362	563,906	128,185	416,462	25,952	147,444	102,233	Riyadh
152,012	384,774	110,101	290,387	36,369	94,387	73,732	Makkah
83,882	210,721	53,665	168,249	14,892	42,472	38,773	Madinah
107,724	290,982	72,845	221,455	15,867	69,527	56,978	Qassim
64,034	182,779	52,562	142,458	27,706	40,321	24,856	Eastern Region
105,038	228,436	84,633	177,583	38,367	50,853	46,266	Asir
54,565	126,206	47,444	97,079	24,663	29,127	22,781	Tabuk
73,682	212,011	60,039	159,121	16,786	52,890	43,253	Hail
1,465	4,126	1,135	3,419	169	707	966	Northern Borders
154,075	304,029	87,475	207,094	35,379	96,935	52,096	Jazan
71,976	151,966	38,894	115,026	6,301	36,940	32,593	Najran
26,287	90,562	27,781	69,231	10,066	21,331	17,715	Al-Baha
43,366	89,884	28,516	68,567	10,982	21,317	17,534	Al-Jouf
1,203,469	2,840,382	793,275	2,136,131	263,499	704,251	529,776	Total

Excluding cattle breeders in Badiyah and the outer edges of residential areas*

Number of goats by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

second part of table (32)

Milking females	Foreign						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
3,833	11,372	3,190	8,532	758	2,840	2,432	Riyadh
1,058	2,705	8,726	2,115	8,333	590	393	Makkah
474	1,220	789	948	644	272	145	Madinah
4,148	7,717	21,924	6,281	18,903	1,436	3,021	Qassim
3,241	6,523	3,595	5,354	2,643	1,169	952	Eastern Region
205	393	108	308	21	85	87	Asir
439	1,054	734	878	553	176	181	Tabuk
479	1,223	257	958	62	265	195	Hail
6	14	4	12	1	2	3	Northern Borders
291	563	179	364	39	199	140	Jazan
214	799	145	642	29	157	116	Najran
213	459	196	355	58	104	138	Al-Baha
591	1,802	485	1,285	132	517	353	Al-Jouf
15,192	35,844	40,332	28,032	32,176	7,812	8,156	Total

Excluding cattle breeders in Badiyah and the outer edges of residential areas*

Number of goats by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Third part of table (32)

Cross-breed							Administrative Region
Milking females	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
25	48	10	37	2	11	8	Riyadh
80	153	20	123	9	30	11	Makkah
7	24	4	21	1	3	3	Madinah
178	294	25	253	10	41	15	Qassim
125	273	109	197	65	76	44	Eastern Region
12	41	11	35	4	6	7	Asir
1	4	2	3	1	1	1	Tabuk
13	26	53	20	41	6	12	Hail
0	0	0	0	0	0	0	Northern Borders
0	0	0	0	0	0	0	Jazan
84	158	24	102	4	56	20	Najran
3	13	2	11	1	2	1	Al-Baha
19	25	3	21	1	4	2	Al-Jouf
546	1,059	263	823	139	236	124	Total

Excluding cattle breeders in Badiyah and the outer edges of residential areas*

Number of goats by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Fourth part of table (32)

Milking females	Total						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
269,220	575,326	131,385	425,031	26,712	150,295	104,673	Riyadh
153,149	387,632	118,847	292,625	44,711	95,007	74,136	Makkah
84,363	211,965	54,458	169,218	15,537	42,747	38,921	Madinah
112,051	298,993	94,794	227,989	34,780	71,004	60,014	Qassim
67,399	189,575	56,266	148,009	30,414	41,566	25,852	Eastern Region
105,255	228,870	84,752	177,926	38,392	50,944	46,360	Asir
55,005	127,264	48,180	97,960	25,217	29,304	22,963	Tabuk
74,174	213,260	60,349	160,099	16,889	53,161	43,460	Hail
1,471	4,140	1,139	3,431	170	709	969	Northern Borders
154,367	304,592	87,654	207,458	35,418	97,134	52,236	Jazan
72,274	152,923	39,063	115,770	6,334	37,153	32,729	Najran
26,503	91,034	27,979	69,597	10,125	21,437	17,854	Al-Baha
43,976	91,711	29,004	69,873	11,115	21,838	17,889	Al-Jouf
1,219,207	2,877,285	833,870	2,164,986	295,814	712,299	538,056	Total

Excluding cattle breeders in Badiyah and the outer edges of residential areas*

Number of camels by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Table 33

Milking females	Local						Administrative Region
	Total		4 years and over		Under 4 years		
	Female	Male	Female	Male	Female	Male	
50,126	115,754	19,809	97,192	6,108	18,562	13,701	Riyadh
12,017	24,172	7,775	18,577	2,064	5,595	5,711	Makkah
7,128	15,727	5,019	11,798	1,789	3,929	3,230	Madinah
25,461	68,090	12,943	53,633	3,442	14,457	9,501	Qassim
19,980	55,525	10,361	43,219	3,055	12,306	7,306	Eastern Region
6,930	22,010	5,503	17,248	1,761	4,762	3,742	Asir
3,457	8,515	3,822	6,537	2,098	1,978	1,724	Tabuk
12,306	31,795	7,433	24,056	2,235	7,739	5,198	Hail
563	1,001	171	876	39	125	132	Northern Borders
3,465	7,764	1,962	5,848	915	1,916	1,047	Jazan
8,247	18,014	4,627	13,961	1,655	4,053	2,972	Najran
2,419	6,034	1,248	4,910	453	1,124	795	Al-Baha
4,411	10,009	2,539	8,165	1,022	1,844	1,517	Al-Jouf
156,512	384,410	83,212	306,020	26,636	78,390	56,576	Total

Excluding cattle breeders in Badiah and the outer edges of residential areas*

Number of camels by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

second part of table (33)

Foreign							Administrative Region
Milking females	Total		4 years and over		Under 4 years		
	Female	Male	Female	Male	Female	Male	
64	217	777	161	222	56	555	Riyadh
83	121	52	104	19	17	33	Makkah
11	20	6	16	3	4	3	Madinah
4,933	10,524	2,267	6,166	1,184	4,358	1,083	Qassim
353	615	1,323	471	994	144	329	Eastern Region
425	979	278	850	23	129	255	Asir
5	21	16	8	9	13	7	Tabuk
114	190	28	114	5	76	23	Hail
0	0	0	0	0	0	0	Northern Borders
0	0	0	0	0	0	0	Jazan
1	2	0	1	0	1	0	Najran
246	375	43	308	5	67	38	Al-Baha
43	154	35	129	2	25	33	Al-Jouf
6,279	13,218	4,825	8,328	2,466	4,890	2,359	Total

Excluding cattle breeders in Badiah and the outer edges of residential areas*

Number of camels by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Third part of table (33)

Cross-breed							Administrative Region
Milking females	Total		4 years and over		Under 4 years		
	Female	Male	Female	Male	Female	Male	
7	23	12	22	8	1	4	Riyadh
5	10	1	7	1	3	0	Makkah
0	0	0	0	0	0	0	Madinah
2,876	5,415	1,009	3,196	58	2,219	951	Qassim
52	174	38	133	10	41	28	Eastern Region
0	0	0	0	0	0	0	Asir
0	0	0	0	0	0	0	Tabuk
0	0	0	0	0	0	0	Hail
0	0	0	0	0	0	0	Northern Borders
0	0	0	0	0	0	0	Jazan
66	186	49	144	13	42	36	Najran
28	45	6	37	2	8	4	Al-Baha
73	183	37	145	4	38	33	Al-Jouf
3,107	6,036	1,152	3,684	96	2,352	1,056	Total

Excluding cattle breeders in Badiah and the outer edges of residential areas*

Number of camels by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2018

Fourth part of table (33)

Total							Administrative Region
Milking females	Total		4 years and over		Under 4 years		
	Female	Male	Female	Male	Female	Male	
50,198	115,994	20,598	97,375	6,338	18,619	14,260	Riyadh
12,105	24,303	7,828	18,688	2,084	5,615	5,744	Makkah
7,139	15,747	5,025	11,814	1,792	3,933	3,233	Madinah
33,271	84,029	16,219	62,995	4,684	21,034	11,535	Qassim
20,386	56,314	11,722	43,823	4,059	12,491	7,663	Eastern Region
7,355	22,989	5,781	18,098	1,784	4,891	3,997	Asir
3,463	8,536	3,838	6,545	2,107	1,991	1,731	Tabuk
12,420	31,985	7,461	24,170	2,240	7,815	5,221	Hail
563	1,001	171	876	39	125	132	Northern Borders
3,465	7,764	1,962	5,848	915	1,916	1,047	Jazan
8,315	18,202	4,676	14,106	1,668	4,096	3,008	Najran
2,693	6,454	1,297	5,255	460	1,199	837	Al-Baha
4,527	10,346	2,611	8,439	1,028	1,907	1,583	Al-Jouf
165,898	403,664	89,189	318,032	29,198	85,632	59,991	Total

Excluding cattle breeders in Badiah and the outer edges of residential areas*

Number of cows by breed, age group and sex in agricultural holdings across the administrative regions in the Kingdom, 2018

Table 34

Milking females	Local						Administrative Region
	Total		2 years and over		Under 2 years		
	Female	Male	Female	Male	Female	Male	
4,113	8,285	3,976	7,835	3,268	450	708	Riyadh
840	1,708	560	1,286	219	422	341	Makkah
105	224	43	180	20	44	23	Mrdina
359	539	162	421	88	118	74	AL Qassim
2,226	3,938	1,557	3,149	935	789	622	Eastern Region
951	1,630	476	1,338	214	292	262	Aseer
210	390	97	210	71	180	26	Tabuk
8	8	3	8	1	0	2	Hail
785	2,026	1,494	1,494	771	532	723	Jazan
475	775	321	547	62	228	259	Najran
204	420	149	348	86	72	63	AL Baha
34	83	17	63	8	20	9	AL Jouf
10,311	20,026	8,855	16,879	5,743	3,147	3,112	Total

Excluding cows in specialized projects*

Number of cows by breed, age group and sex in agricultural holdings across the administrative regions in the Kingdom, 2018

second part of table (34)

Milking females	Foreign						Administrative Region
	Total		2 years and over		Under 2 years		
	Female	Male	Female	Male	Female	Male	
493	615	29	592	8	23	21	Riyadh
9	17	71	12	35	5	36	Makkah
1	2	0	2	0	0	0	Medina
19	32	7	28	5	4	2	AL Qassim
512	850	847	785	192	65	655	Eastern Region
30	74	19	60	4	14	15	Aseer
3	15	0	10	0	5	0	Hail
2	5	0	5	0	0	0	Jazan
0	0	0	0	0	0	0	Najran
4	8	1	5	0	3	1	AL Baha
1	4	0	4	0	0	0	AL Jouf
1,075	1,622	974	1,503	244	119	730	Total

Excluding cows in specialized projects*

Number of cows by breed, age group and sex in agricultural holdings across the administrative regions in the Kingdom, 2018

Third part of table (34)

Milking females	Cross-breed						Administrative Region
	Total		2 years and over		Under 2 years		
	Female	Male	Female	Male	Female	Male	
15	43	65	29	8	14	57	Riyadh
27	31	2	30	1	1	1	Makkah
0	0	0	0	0	0	0	Medina
5	39	3	23	3	16	0	AL Qassim
52	163	64	116	38	47	26	Eastern Region
6	20	5	17	2	3	3	Aseer
26	38	10	33	5	5	5	Jazan
1	3	2	2	1	1	1	Najran
5	9	2	8	0	1	2	AL Baha
2	20	14	9	9	11	5	AL Jouf
139	366	167	267	67	99	100	Total

Excluding cows in specialized projects*

Number of cows by breed, age group and sex in agricultural holdings across the administrative regions in the Kingdom, 2018

Fourth part of table (34)

Milking females	Total						Administrative Region
	Total		2 years and over		Under 2 years		
	Female	Male	Female	Male	Female	Male	
4,621	8,943	4,070	8,456	3,284	487	786	Riyadh
876	1,756	633	1,328	255	428	378	Makkah
106	226	43	182	20	44	23	Medina
382	610	172	472	96	138	76	AL Qassim
2,791	4,951	2,468	4,050	1,165	901	1,303	Eastern Region
986	1,724	500	1,415	220	309	280	Aseer
210	390	97	210	71	180	26	Tabuk
11	23	3	18	1	5	2	Hail
813	2,069	1,504	1,532	776	537	728	Jazan
477	778	323	549	63	229	260	Najran
213	437	152	361	86	76	66	AL Baha
38	107	31	76	17	31	14	AL Jouf
11,525	22,014	9,996	18,649	6,054	3,365	3,942	Total

Excluding cows in specialized projects*

Number of domestic poultry by type and number of produced eggs across the administrative regions in the Kingdom, 2018

Table 35

Produced eggs	Other	Peacock	Ostrich	Rabbit	Quail	Goose	Turkey	Duck	Pigeon	Chicken	Administrative Region
36,000,396	291	451	1,427	89,083	96,100	5,886	5,537	25,967	960,705	724,281	Riyadh
5,317,264	571	166	53	4,122	3,694	661	617	4,398	102,776	82,047	Makkah
852,115	0	49	62	7,529	341,829	1,325	894	3,938	37,965	71,010	Madinah
58,018,265	0	113	267	28,421	8,132	4,928	4,058	60,865	1,526,397	519,557	Qassim
11,579,883	67	216	190	19,654	3,493	3,159	1,808	29,782	391,980	331,836	Eastern Province
407,307	0	62	18	3,452	1,319	355	113	493	10,360	16,292	Asir
827,736	0	0	16	1,898	207	405	99	1,100	14,042	25,083	Tabuk
5,133,692	0	85	32	14,637	562	917	216	4,064	197,991	142,603	Hail
337,618	0	0	0	755	0	44	67	661	16,220	8,235	Northern Borders
786,639	0	55	0	119	89	1,423	186	2,879	20,306	24,582	Jazan
1,395,262	0	22	44	817	314	227	189	453	19,294	48,112	Najran
369,646	0	0	0	546	190	243	90	692	8,544	13,202	Al-Baha
5,814,761	115	446	0	16,841	611	9,039	2,127	10,159	138,377	129,473	Al-Jouf
126,840,584	1,044	1,665	2,109	187,874	456,540	28,612	16,001	145,451	3,444,957	2,136,313	Total

Excluding poultry in specialized projects*

Total honey produced by hive type across the administrative regions in the Kingdom, 2018

Table 36

Total	Industrial (modern)	Free range (traditional)	Administrative Region
Produced honey (ton)	Produced honey (ton)	Produced honey (ton)	
9,859.6	6,932.6	2,927.0	Riyadh
10,229.7	869.0	9,360.7	Makkah
2,052.3	264.8	1,787.5	Madinah
6,303.2	4,211.3	2,091.9	Qassim
8,564.5	4,189.3	4,375.2	Eastern Province
13,505.0	1,083.1	12,421.9	Asir
5,432.8	4,632.8	800.0	Tabuk
5,111.2	2,809.6	2,301.7	Hail
44.8	0.0	44.8	Northern Borders
31,171.2	2,070.0	29,101.1	Jazan
232.5	0.0	232.5	Najran
9,302.6	2,649.9	6,652.7	Al-Baha
35,466.9	28,576.4	6,890.5	Al-Jouf
137,276.2	58,288.7	78,987.5	Total

