



الهيئة العامة للإحصاء
General Authority for Statistics

Agricultural Production Survey Bulletin

2018



Table of Contents:

Subject	No. Page
Introduction.	6
Data Sources for the Agricultural Production Bulletin	7
Objectives.	7
Agricultural Holdings Bulletin Terms and Concepts.	7
Indicators.	11
Coverage.	12
Adopted Statistical Classifications.	13
Sample Selection.	13
Data Collection Tools.	13
Survey Data Collection Method.	14
Results Preparation and Review.	15
Data Publication.	15
Implemented Quality Procedures.	16
Bulletin Beneficiaries and Benefits.	17
Key Indicators Report.	18
Publication Tables.	34





Table of Figures:

Figure	No. Page
Figure (1) Area of agricultural holdings (in thousand acres) by administrative region in the Kingdom, 2017.	18
Figure (2) Percentage distribution of grain cultivated land by type in the Kingdom, 2017.	19
Figure (3) Percentage distribution of fodder cultivated land by type in the Kingdom, 2017.	20
Figure (4) Area of fodder cultivated land (acres) by administrative region in the Kingdom, 2017.	20
Figure (5) Area of clover cultivated land (acres) by administrative region in the Kingdom, 2017.	21
Figure (6) Total cultivated area (acres) and total production of open field vegetables (tons) in the Kingdom, 2017.	22
Figure (7) Number of tomato and cucumber greenhouses by administrative region in the Kingdom, 2017.	23
Figure (8) Total protected cut flower cultivated area (m ²) by administrative region in the Kingdom, 2017.	24
Figure (9) Total number of palm trees by administrative region in the Kingdom, 2017.	25
Figure (10) Percentage distribution of palm trees by type in the Kingdom, 2017.	25
Figure (11) Total number of Khalas palm trees by administrative region in the Kingdom, 2017.	26
Figure (12) Total number of yellow Sukkari palm trees by administrative region in the Kingdom, 2017.	26
Figure (13) Number of evergreen trees (excluding palm) by administrative region in the Kingdom, 2017.	27
Figure (14) Number of (fruitful) evergreen trees (excluding palm) by type in the Kingdom, 2017.	28
Figure (15) Distribution of sheep by sex and breed in the Kingdom, 2017.	29
Figure (16) Distribution of goats by sex and breed in the Kingdom, 2017.	30
Figure (17) Distribution of camels by sex and breed in the Kingdom, 2017.	31
Figure (18) Distribution of cows by sex and breed in the Kingdom, 2017.	32
Figure (19) Number of domestic poultry by type in the Kingdom, 2017.	33
Figure (20) Total number of beehives, total production of honey and total sold production across the Kingdom, 2017.	33





Table of Tables:

Subject	No. Page
Table (1) Number and area of agricultural holdings by administrative region in the Kingdom, 2017.	35
Table (2) Grain cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017.	36
Table (3) Grain cultivated and harvested area, total production and total sold production by crop in the Kingdom, 2017	37
Table (4) Wheat cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017.	38
Table (5) Barley cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017.	39
Table (6) Fodder cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017.	40
Table (7) Fodder cultivated and harvested area, total production and total sold production by crop in the Kingdom, 2017.	41
Table (8) Clover cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017.	42
Table (9) Protected and summer and winter open field vegetables cultivated area by administrative region in the Kingdom, 2017.	43
Table (10) Summer open field vegetables cultivated crop area, total production and total sold production by crop in the Kingdom, 2017.	44
Table (11) Summer open field vegetables cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017.	45
Table (12) Summer open field watermelon cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017.	46
Table (13) Summer open field watermelon cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017.	47
Table (14) Winter open field vegetables cultivated crop area, total production and total sold production by crop in the Kingdom, 2017.	48
Table (15) Winter open field vegetables cultivated crop area, total production and total sold production by crop in the Kingdom, 2017.	49
Table (16) Winter open field potato cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017.	50
Table (17) Winter open field watermelon cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017.	51
Table (18) Number and area of vegetable greenhouses, total production and total sold production by crop in the Kingdom, 2017.	52
Table (19) Number and area of vegetable greenhouses, total production and total sold production by administrative region in the Kingdom, 2017.	53
Table (20) Number and area of tomato greenhouses, total production and total sold production by administrative region in the Kingdom, 2017.	54





Subject	No. Page
Table (21) Number and area of cucumber greenhouses, total production and total sold production by administrative region in the Kingdom, 2017.	55
Table (22) Number and area of cut flower greenhouses, total production and total sold production by administrative region in the Kingdom, 2017.	56
Table (23) Number and area of cut flower greenhouses, total production and total sold production by crop in the Kingdom, 2017.	57
Table (24) Total number of palm trees, fruitful palm trees, total production and total sold production by administrative region in the Kingdom, 2017.	58
Table (25) Total number of palm trees, fruitful palm trees, total production and total sold production by type in the Kingdom, 2017.	59
Table (26) Total number of Khalas palm trees, fruitful trees, total production and total sold production by administrative region in the Kingdom, 2017.	60
Table (27) Total number of yellow Sukkari palm trees, fruitful trees, total production and total sold production by administrative region in the Kingdom, 2017.	61
Table (28) Total number of evergreen trees (except palm), fruitful evergreen trees, total production and total sold production by administrative region in the Kingdom, 2017.	62
Table (29) Total number of evergreen trees (except palm), fruitful evergreen trees, total production and total sold production by type in the Kingdom, 2017.	63
Table (30) Total number of olive trees, fruitful olive trees, total production and total sold production by administrative region in the Kingdom, 2017.	64
Table (31) Total number of grape trees, fruitful grape trees, total production and total sold production by administrative region in the Kingdom, 2017	65
Table (32) Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017.	66
Table (33) Number of goats by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017.	67
Table (34) Number of camels by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017.	68
Table (35) Number of cows by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017.	69
Table (36) Number of riding and draught animals by type across the administrative regions in the Kingdom, 2017.	70
Table (37) Number of domestic poultry by type and number of produced eggs across the administrative regions in the Kingdom, 2017.	71
Table (38) Total honey produced by hive type across the administrative regions in the Kingdom, 2017.	72





Introduction:

Council of Ministers Resolution No. 211 dated 13/1/1437 AH granted the General Authority for Statistics (GASStat) 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, GASStat created programs and surveys aimed at providing a large statistical database that covers several areas, including agricultural statistics.

Therefore, the Agricultural Holdings Survey 2018 is considered the first survey on agricultural activities 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 census in 2018/2015 due to the importance of agricultural activities and their impact on food security.

Done annually, 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.

GASStat 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, GASStat welcomes comments and suggestions by email on agriculture@stats.gov.sa.

God is the Arbiter of Success

General Authority for Statistics

Agricultural Statistics Department





Data Sources for the Agricultural Production Bulletin:

The Agricultural Holdings Bulletin data relies on a field survey conducted by GASTAT for the first time in 2018. 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 Holdings Bulletin Terms 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, sheep, 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 (1/3/2017) and ends on (28/2/2018), corresponding to (3/6/1438 - 12/6/1439 AH).

For the holdings' livestock and poultry statistics, however, (31/12/2017), corresponding to (13/4/1439 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, mulukhiyah, 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) Monocropping: 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.

Indicators:

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



Key Indicators
1) Number and area of agricultural holdings by administrative region in the Kingdom, 2017.
2) Fodder cultivated and harvested area and total production by administrative region in the Kingdom, 2017.
3) Vegetable cultivated and harvested area and total production by administrative region in the Kingdom, 2017.
4) Cut flower cultivated and harvested area and total production by administrative region in the Kingdom, 2017.
5) Total number of palm trees, fruitful palm trees, total production and total sold production by type in the Kingdom, 2017.
6) Total number of evergreen trees (except palm), fruitful evergreen trees, total production and total sold production by type in the Kingdom, 2017.



- 7) Number of farm animals by type across the administrative regions in the Kingdom, end of 2017.
- 8) Number of sheep by age and sex, and number of milking females across all breeds by administrative region in the Kingdom, end of 2017.
- 9) Number of goats by age and sex, and number of milking females across all breeds by administrative region in the Kingdom, end of 2017.
- 10) Number of camels by age and sex, and number of milking females across all breeds by administrative region in the Kingdom, end of 2017.
- 11) Number of cows by age and sex, and number of milking females across all breeds by administrative region in the Kingdom, end of 2017.
- 12) Number of riding and draught animals by type across the administrative regions in the Kingdom, end of 2017.
- 13) Total honey produced by hive type across the administrative regions in the Kingdom, 2017.



Coverage:

- **Spatial Coverage:**

The Agricultural Production Survey covers data on agricultural production in all 13 administrative regions of the Kingdom of Saudi Arabia, which are: Riyadh, Makkah Al Mukarramah, Al Madinah Al Munawwarah, Al Qaseem, Eastern Region, Aseer, Tabuk, Hail, Northern Borders, Jazan, Najran, Al Bahah, and Al Jawf. 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 attributed as follows:

- Plant production is attributed to the agricultural year between (1/3/2017) and (28/2/2018), corresponding to (3/6/1438 AH) to (12/6/1439).
- The remaining data in the form is attributed to the year 2017 (1/1/2017 until 31/12/2017, corresponding to 3/4/1438 Hijri until 13/4/1439 AH).
- Livestock numbers are attributed to the last day in the calendar year, 31/12/2017, corresponding to 13/4/1439.



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 19,513 holdings as a representative sample for the survey population in the Kingdom, distributed across administrative regions as follows:

Administrative Region	Number of Holdings	Administrative Region	Number of Holdings	Administrative Region	Number of Holdings
Riyadh	3,618	Asir	2,491	Najran	499
Makkah	2,600	Tabuk	922	Al-Baha	437
Madinah	687	Hail	1,166	Al-Jouf	921
Qassim	2,309	Northern Borders	28		
Eastern Region	2,556	Jazan	1,279		



Data Collection Tools:

Field Data Collection Questionnaire: The survey form was prepared and designed by agricultural statistics experts at GStat. 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 7 thematic sections to improve the efficiency of complying with technical standards during the field work stage



Geographical and housing data	Metadata	Crops	Livestock
Beehives	Agricultural production requirements of the farm in that year		Holding land use data

The complete questionnaire can be viewed and downloaded through GaStat's 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.



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



Implemented 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.

Bulletin Beneficiaries and Benefits:

All government sectors whose work is linked to agricultural activities in the Kingdom of Saudi Arabia benefit from the Specialized Agricultural Projects 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 the Hajj statistics methodology can be found on the GASTAT website.](#)





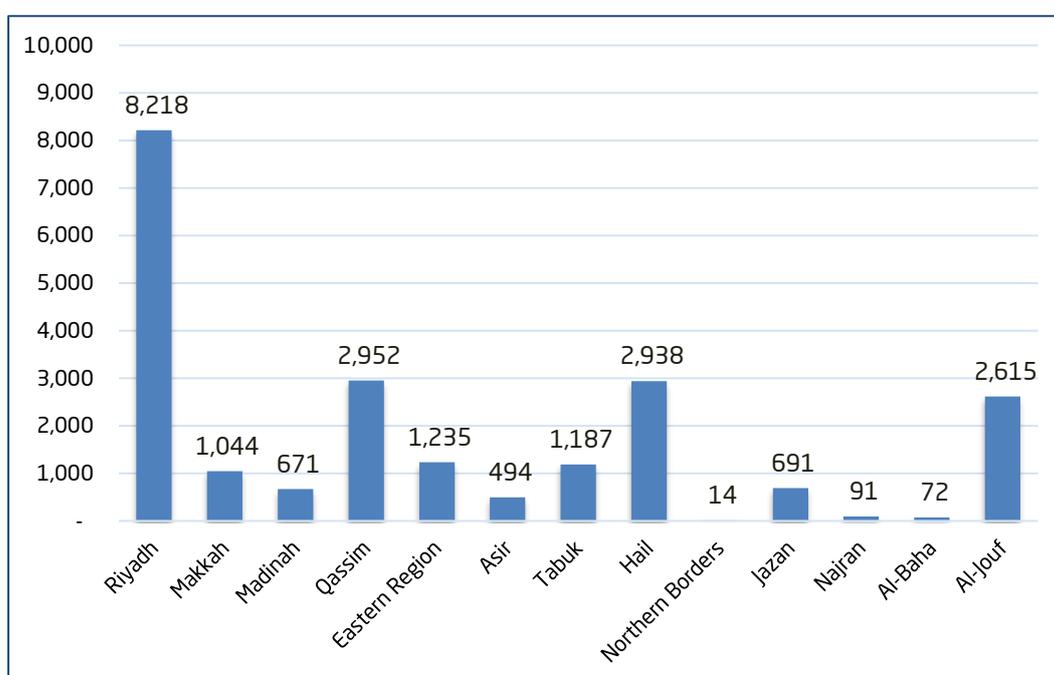
Key Indicators Report:

First: Agricultural holdings' area and numbers data:

A total of (283,192) agricultural holdings were included in the Agricultural Production Survey of 2017, spread out across over 22 million acres.

Among all administrative regions, Asir had the highest number of holdings, with (69.377) spread out across over (493) thousand acres, whereas Riyadh had the largest area, with over (24.990) holdings spread over (8) million acres.

Figure (1) Area of agricultural holdings (in thousand acres) by administrative region in the Kingdom, 2017.



Second: Crop data:

1- Grains:

Results show the following key crop types:

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

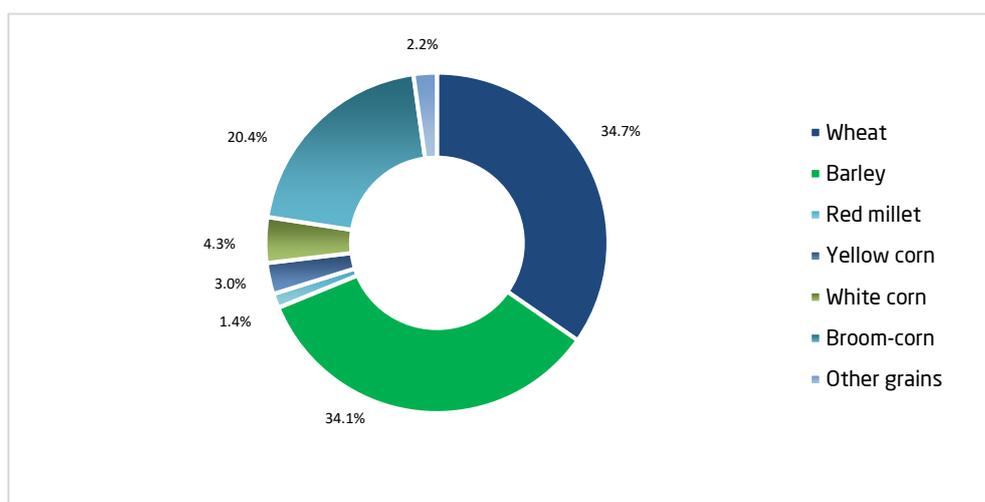
The total grain cultivated area in 2017 was (2.780.295), of which (2.639.983) was harvested.





According to the 2017 Survey results, wheat was the most widely cultivated grain, with (964) acres, representing (34.7%) of the total grain cultivated areas in the Kingdom. Barely was the second cultivated grain, with (947) thousand acres of cultivated area at (34.1%). Total grain production reached (1.287.448) tons, (70.1%) of which was sold.

Figure (2) Percentage distribution of grain cultivated land by type in the Kingdom, 2017.



1) **Wheat:**

Wheat is the most widely cultivated grain, most highly in Al-Jouf, where over (247) is cultivated with wheat, at (25.6%) of the total cultivated area. Qassim came in second place, with (227.685) acres at (23.6%), followed by Riyadh, with (181.559) acres at (18.8%).

Wheat production in the Kingdom reached (517.909) tons, whereas the total sold production thereof was (464.108) tons, representing (89.6%) of total produced wheat.

2) **Barely:**

Barely was the second cultivated grain, most widely in Riyadh, with (256) acres at (27.1%) of the total area cultivated with barely. This was followed by Qassim, with (223.849) acres at (23.6%), then Hail, with (200.586) acres at (21.2%).

Total barely production reached (504.809) tons, (315.265) of which were sold.

2- **Fodder:**

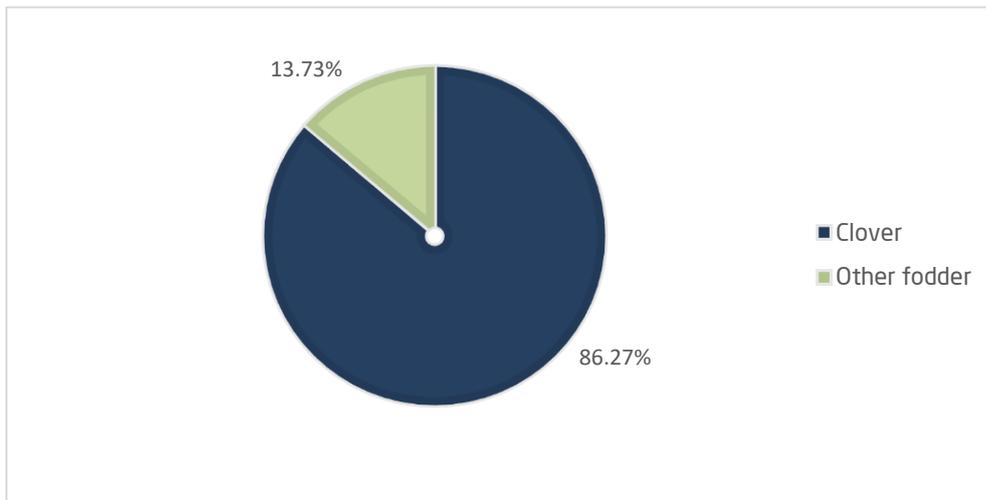
The total area cultivated with fodder reached (5.032.193) acres, (4.942.669) of which was harvested at a growth rate of (16.6%) compared to the Agricultural Statistics of 2014/2015. According to the 2017 results, clover was the most widely cultivated fodder, with over (4) million acres, representing (86.2%) of total fodder cultivated area in the Kingdom.





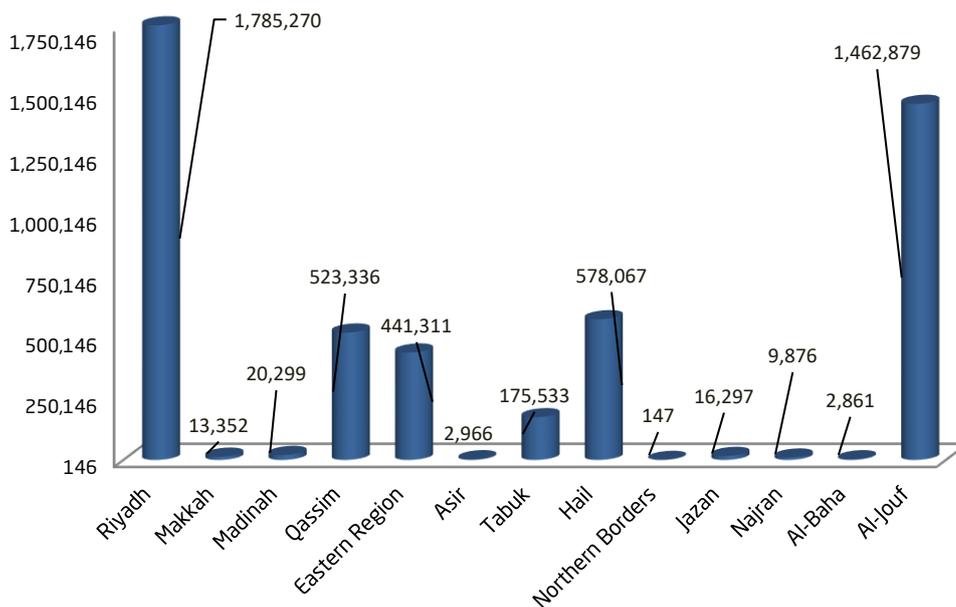
Total fodder production across all administrative regions reached (9.309.997) tons, (93%) of which was sold.

Figure (3) Percentage distribution of fodder cultivated land by type in the Kingdom, 2017.



Riyadh has the largest area cultivated with fodder, reaching (1.785.270) acres at (35.5%) of the total fodder cultivated area in the Kingdom, followed by Al-Jouf, with (1.462.879) at (29.1%), then Hail, with (578.067) at (11.5%).

Figure (4) Area of fodder cultivated land (acres) by administrative region in the Kingdom, 2017.





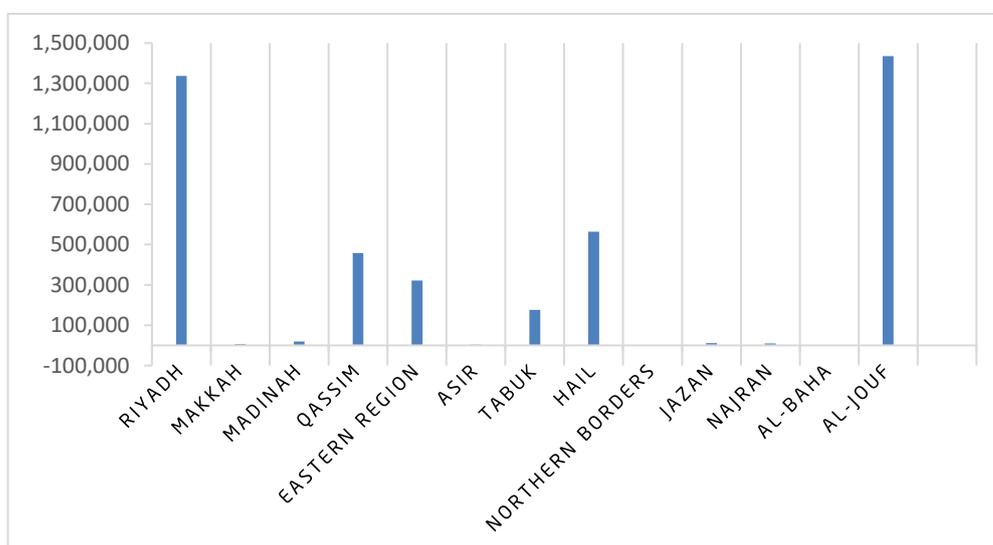
1) Clover:

Clover is the top cultivated fodder, with over (1.4) million acres in Jouf holdings, at (33.1%) of the total clover cultivated area, followed by Riyadh, with (1.336.934) acres and Hail with (563.495) acres.

Total clover production reached (8.230.494) tons, (7.750.280) of which were sold (94.2%).

Figure (5) Area of clover cultivated land (acres) by administrative region in the Kingdom, 2017.

3- Open Field and Protected Vegetables:



First: Open Field Vegetables (Winter):

The area cultivated with winter open field vegetables exceeded (447) thousand acres. Results also showed that potato is the most widely cultivated winter vegetable, at (32%) of all cultivated area. Total annual production of potato reached (333.593) tons, (94%) of which was sold. Watermelon came in second, accounting for (21%) of the total area cultivated with winter vegetables. Annual production of watermelon reached (147.099) tons, (91.8%) 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 (95.5%), followed by Madinah at (1.9%) of all winter watermelon crops.



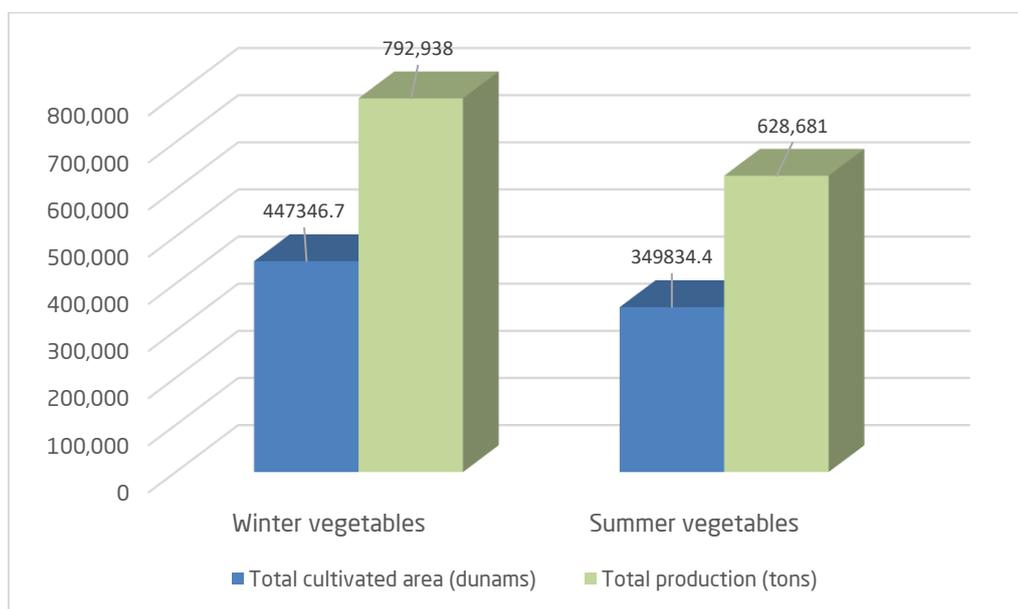


Second: Open Field Vegetables (Summer):

The total area cultivated with summer open field vegetables reached over (349) thousand acres, with watermelon being the most widely planted at (55%). Total annual production of summer watermelon reached (342.332) tons, (91.2%) of which was sold. Summer tomato crop came in second, accounting for (11.2%) of all summer vegetable crop area, with a total annual production amount of (66.487) tons, (86%) of which was sold.

Among all administrative regions, Makkah had the highest summer watermelon production percentage at (70.3%) 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%).

Figure (6) Total cultivated area (acres) and total production of open field vegetables (tons) in the Kingdom, 2017.



Third: Protected Vegetables:

The total area planted with protected vegetables was (31.937.643) m², with a total of (71.424) greenhouses, which is a (7%) increase from the Agricultural Statistics of 2014/2015. Survey results indicated that tomato ranked the highest among all greenhouse vegetables in terms of number and area, with over (12) million m²,





whereas cucumbers ranked second, with (8) million m2 of cultivated area.

1) Tomato:

Riyadh had the highest protected tomato cultivation percentage of (46.9%) of the total area in the Kingdom, accounting for over (5) million acres, followed by Qassim at (15.1%).

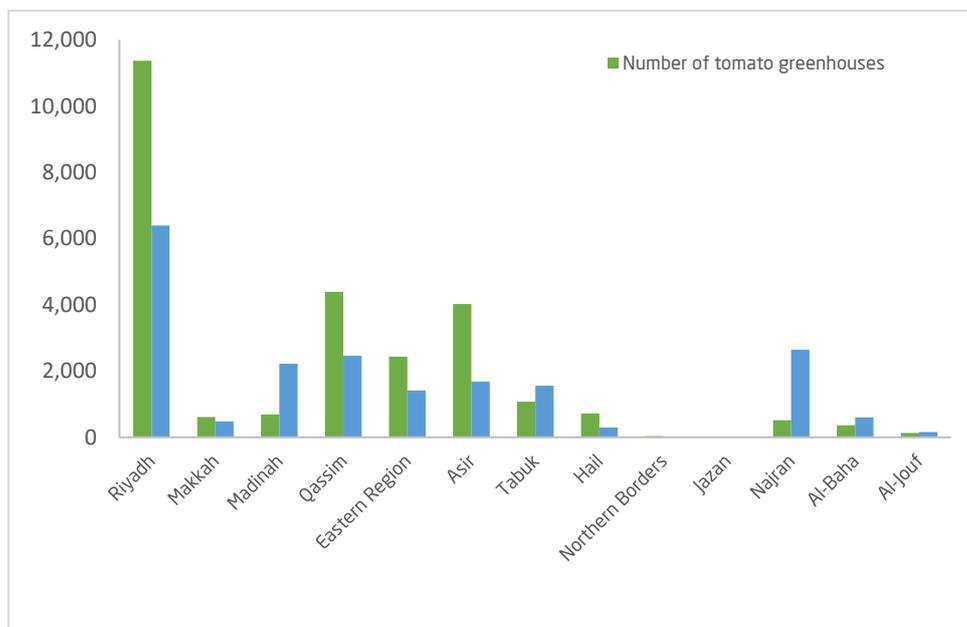
Total tomato production in the Kingdom reached (102.066) tons, (88.426) of which were sold (86.6%).

2) Cucumber:

Riyadh had the largest protected cucumber cultivated area of (3) million acres at (36.9%) of the total cultivated area in the Kingdom, followed by Najran at (16%).

Total protected cucumber production in the Kingdom reached (61.214) tons, (54.697) of which were sold (89.4%).

Figure (7) Number of tomato and cucumber greenhouses by administrative region in the Kingdom, 2017.

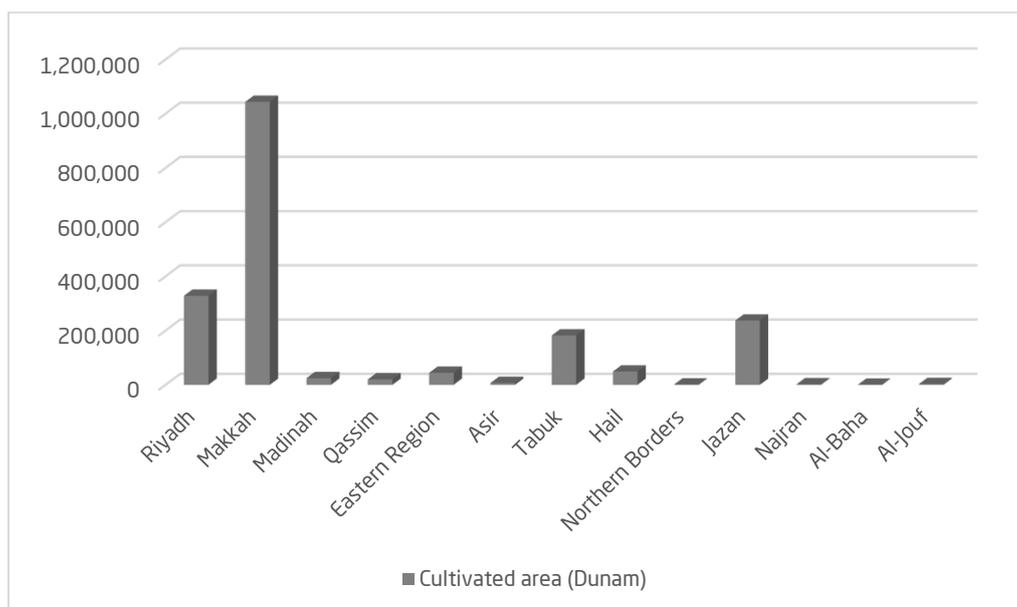




4- Protected Cut Flowers:

The area total greenhouse area cultivated with cut flowers is (1.942.761) m², with a total of (4.307) greenhouses in the Kingdom. The total production of protected cut flowers was (9.093) tons. Taif flowers were the most planted across (760.016) m², with a production amount of (1.108) tons, which equals (12.2%) of all protected cut flower production. Arabian Jasmine was the second most planted flower, with (288.408) m² and (1.122) tons produced (12.3%).

Figure (8) Total protected cut flower cultivated area (m²) by administrative region in the Kingdom, 2017.



5- 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 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.

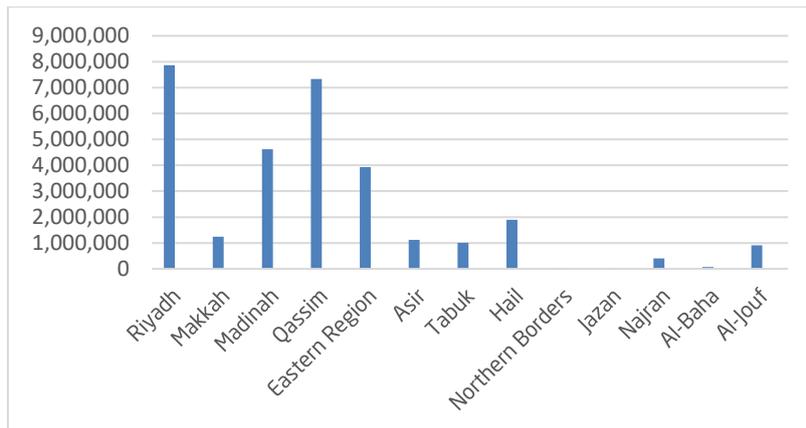
Results show that the total number of palm trees in the Kingdom was (30.429.607), which is a (7%) growth compared to the Agricultural Statistics of 2014/2015. Total palm tree production in the Kingdom amounted to (1.427.506) tons. Riyadh had the highest number





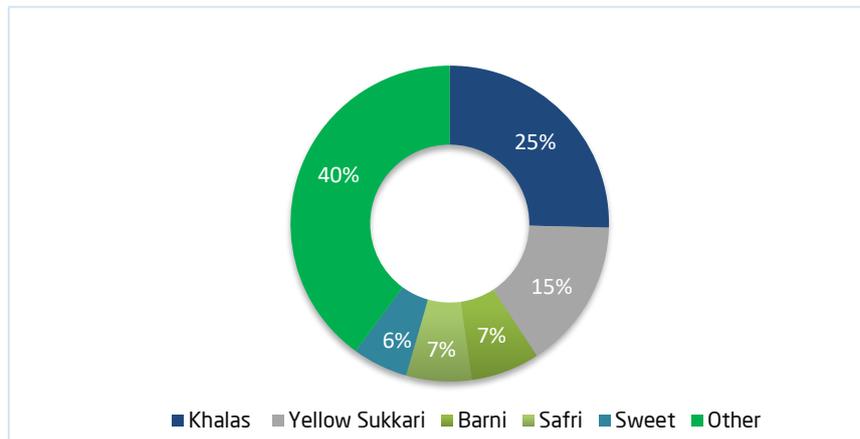
of palm trees, (7.861.928, amounting to (25.8%) of the total production. This was followed by Qassim, with (7.330.878) trees at (24%), then Madinah, with (4.622.048) trees at (15%).

Figure (9) Total number of palm trees by administrative region in the Kingdom, 2017.



Khalas is the most planted palm tree, with (7.743.878) trees at (25.4%) of total palm trees in the Kingdom, followed by yellow Sukkari, with (4.679.594) trees at (15%)

Figure (10) Percentage distribution of palm trees by type in the Kingdom, 2017.



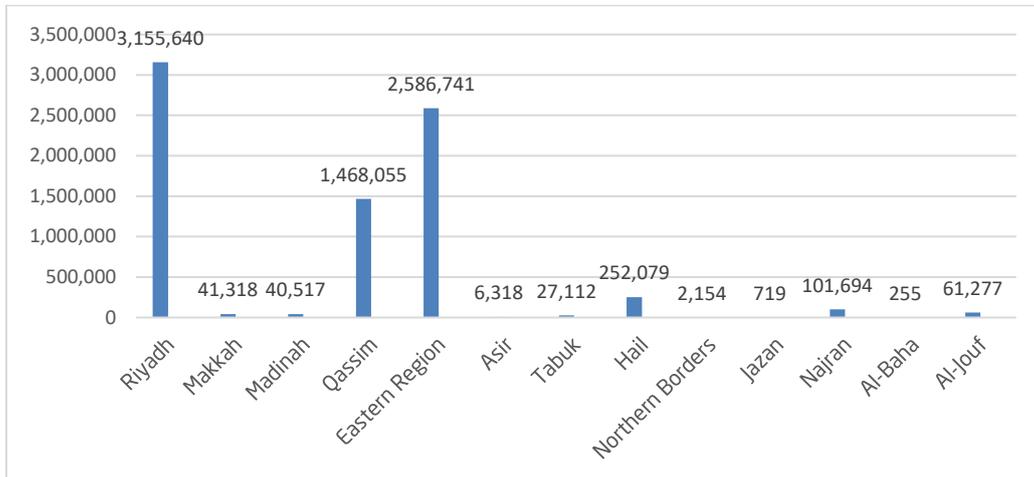
1) Khalas:

Riyadh witnessed the largest number, with (3.155.640) trees at (41%) of total Khalas trees in the Kingdom, followed by the Eastern Region, with (2.586.741) Khalas trees at (33%) of the total production, then Qassim, with (1.468.055) trees at (19%).





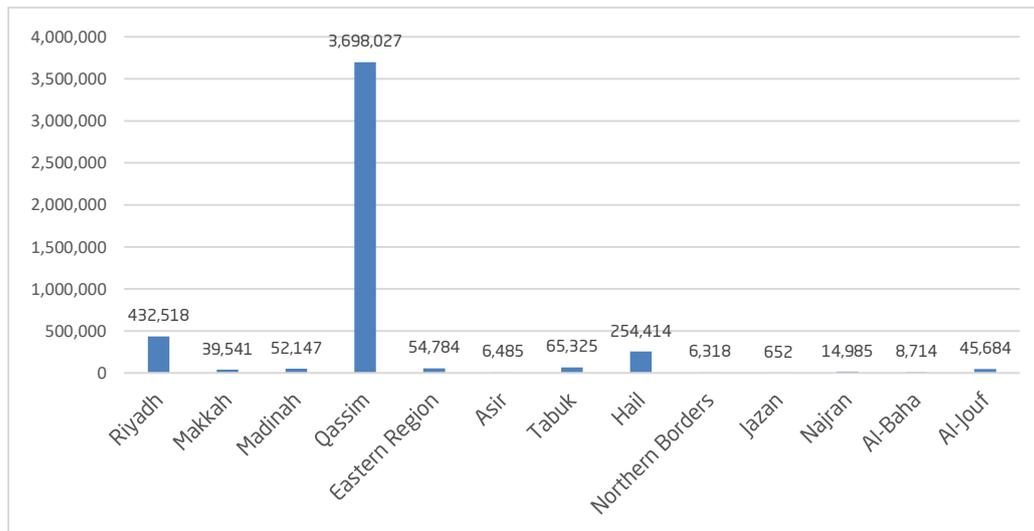
Figure (11) Total number of Khalas palm trees by administrative region in the Kingdom, 2017.



2) Yellow Sukkari:

Qassim had the highest number of yellow Sukkari palm trees, with (3.698.027) trees at (79%) of all production of trees of that type in the Kingdom.

Figure (12) Total number of yellow Sukkari palm trees by administrative region in the Kingdom, 2017.





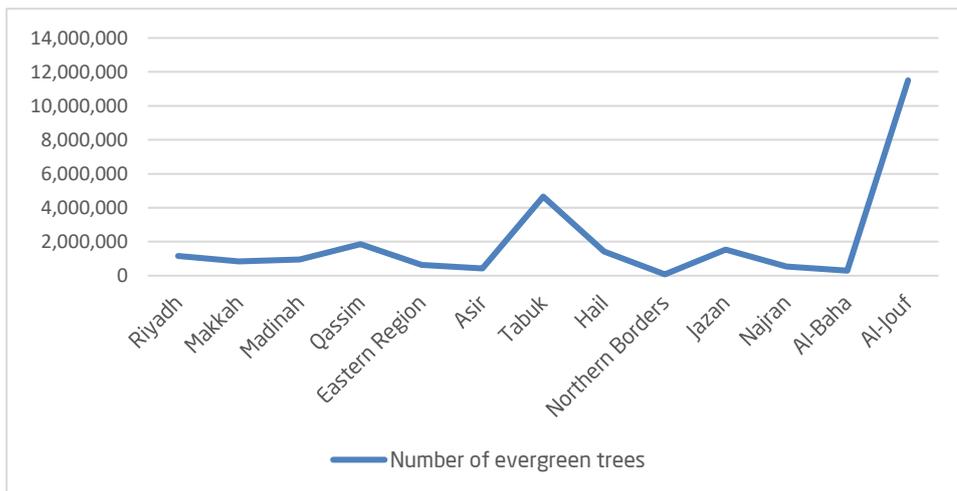
6- Evergreen trees (excluding palm trees):

The number of evergreen trees (excluding palm) is over (25.9) million, (18.39) million of which are fruitful trees at (71%). Al-Jouf has the highest percentage of evergreen trees across the Kingdom (44%), followed by Tabuk (18%).

Olive trees are the most highly planted evergreen trees aside from palm, with (12.7) million trees, representing (49%) of all evergreen trees. (60%) of all olive trees are fruitful.

This was followed by grape trees, with (4.7) million trees, representing (18%) of all evergreen trees. (90%) of all grape trees are fruitful.

Figure (13) Number of evergreen trees (excluding palm) by administrative region in the Kingdom, 2017.



1) Olive: (82%) of all

olive trees (10.453.980 trees) are planted in Al-Jouf, which produced over (228) thousand tons of olives.

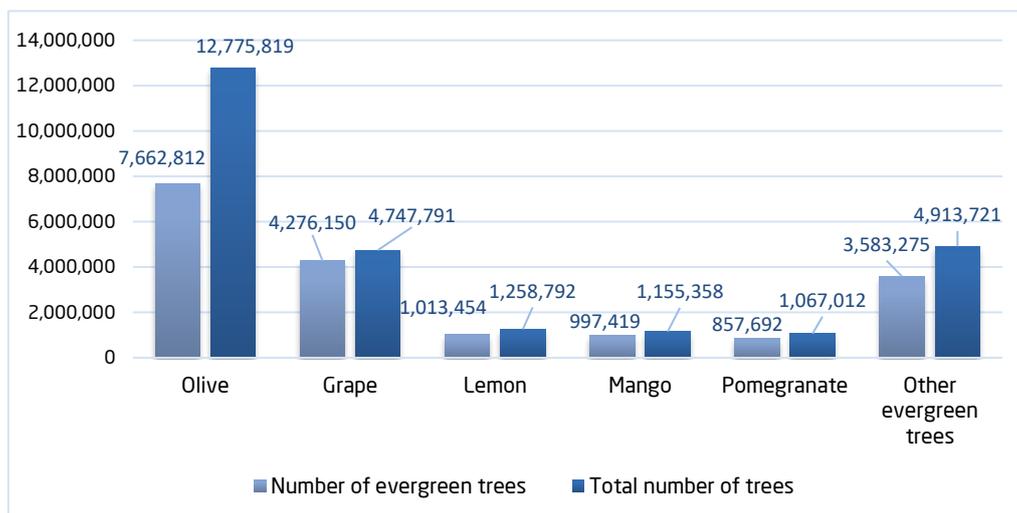
2) Grape:

(45%) of all olive trees (2.159.227 trees) are planted in Tabuk, which produced over (50) thousand tons of grapes.





Figure (14) Number of (fruitful) evergreen trees (excluding palm) by type in the Kingdom, 2017.



Third:

Livestock Data:

1- Sheep:

Total sheep count across all agricultural holdings exceed (9.396), (23.1%) of which are in Riyadh, (18%) in Qassim and (13.4%) in Makkah.

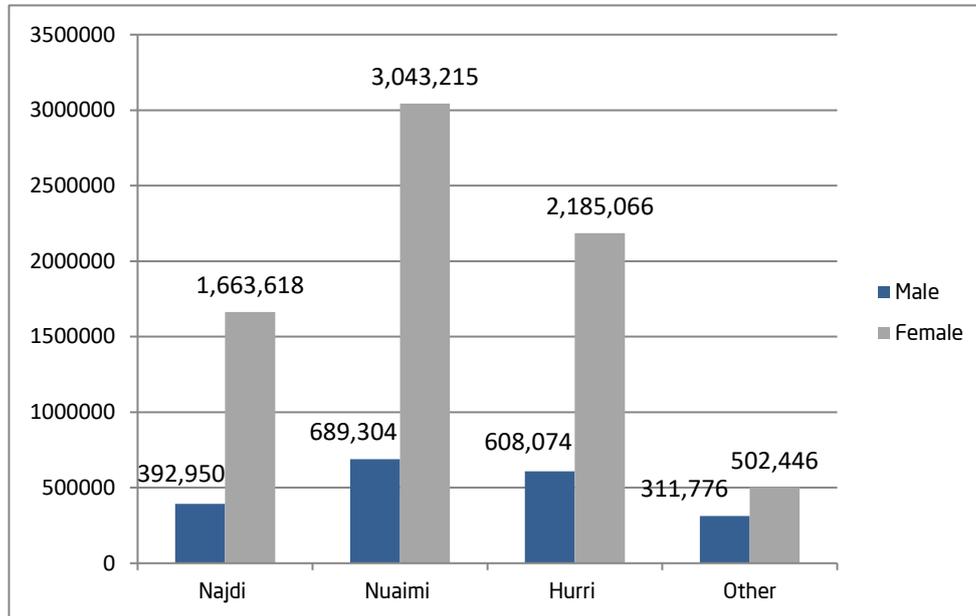
Milking females (12 months and over) represent (57.7%) of all female sheep.

Nuaimi was the top breed, representing (39.7%) of all sheep in the Kingdom, followed by Hurri (29.7%), Najdi (21.9%), then other sheep breeds (8.7%).





Figure (15) Distribution of sheep by sex and breed in the Kingdom, 2017.



2- Goats:

Total goat count across all agricultural holdings exceed (3.607), (19%) of which are in Riyadh, (13.6%) in Makkah and (10.6%) in Qassim.

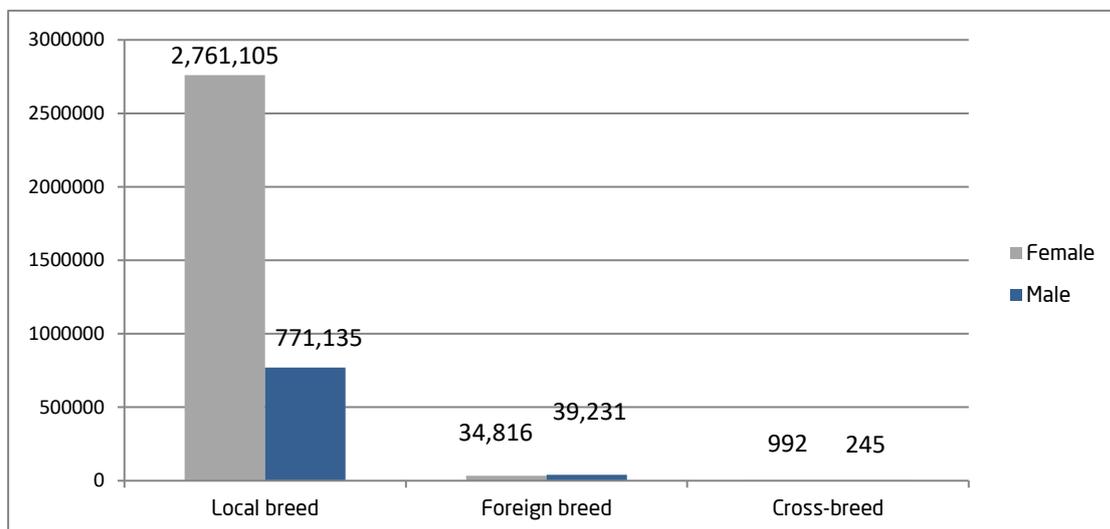
Milking females (12 months and over) represent (51.4%) of all female goats.

The local breed represented (97.9%) of the total goat count in the agricultural holdings in the Kingdom, followed by the foreign breed (2.1%) and the cross-breed (0.03%).





Figure (16) Distribution of goats by sex and breed in the Kingdom, 2017.



3- Camels:

Total camel count across all agricultural holdings exceeded (487) thousand, (27.7%) of which are in Riyadh, (20.4%) in Qassim and (13.8%) in the Eastern Region.

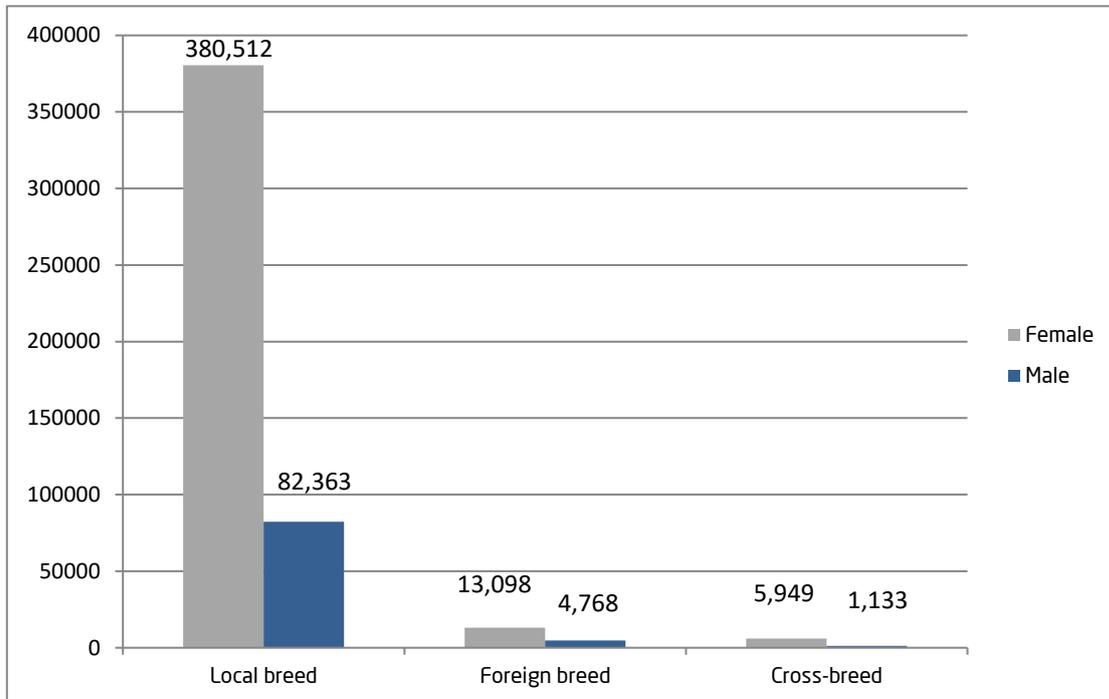
Milking females (4 years and over) represent (48.3%) of all camel females.

The local breed represented the highest percentage (94.9%) of all breeds in the agricultural holdings in the Kingdom, followed by the foreign breed (3.7%) and the cross breed (1.5%).





Figure (17) Distribution of camels by sex and breed in the Kingdom, 2017.



4- Cows:

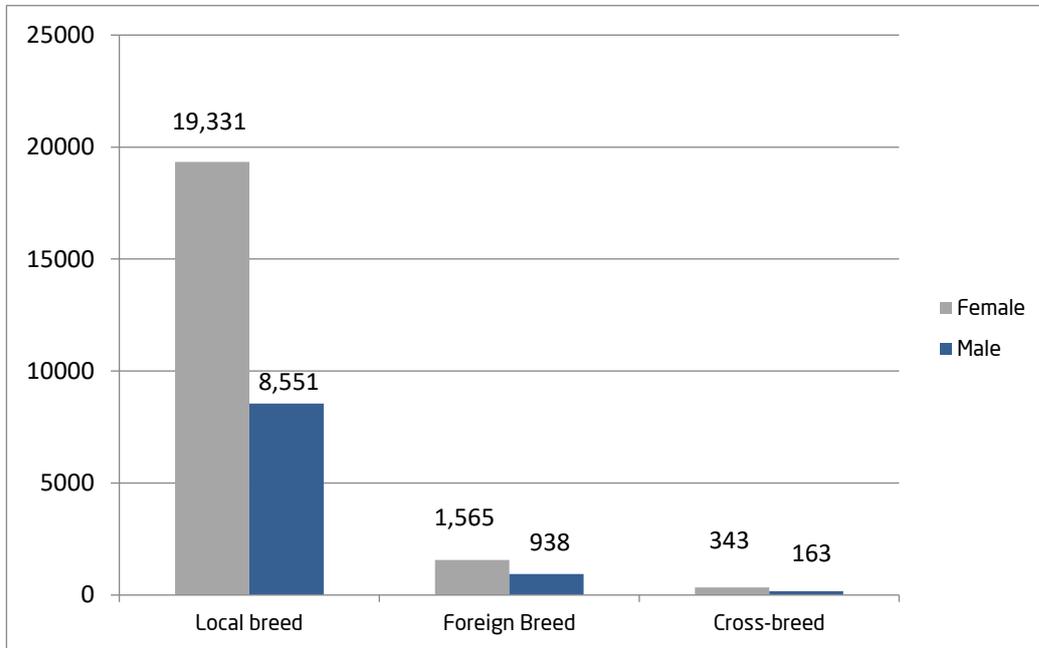
Total cow count across all agricultural holdings exceeded (30) thousand, (41%) of which are in Riyadh, (23%) in the Eastern Region and (11%) in Jazan.

Milking females (2 years and over) represent (48.3%) 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 (18) Distribution of cows by sex and breed in the Kingdom, 2017.



5- Domestic Poultry:

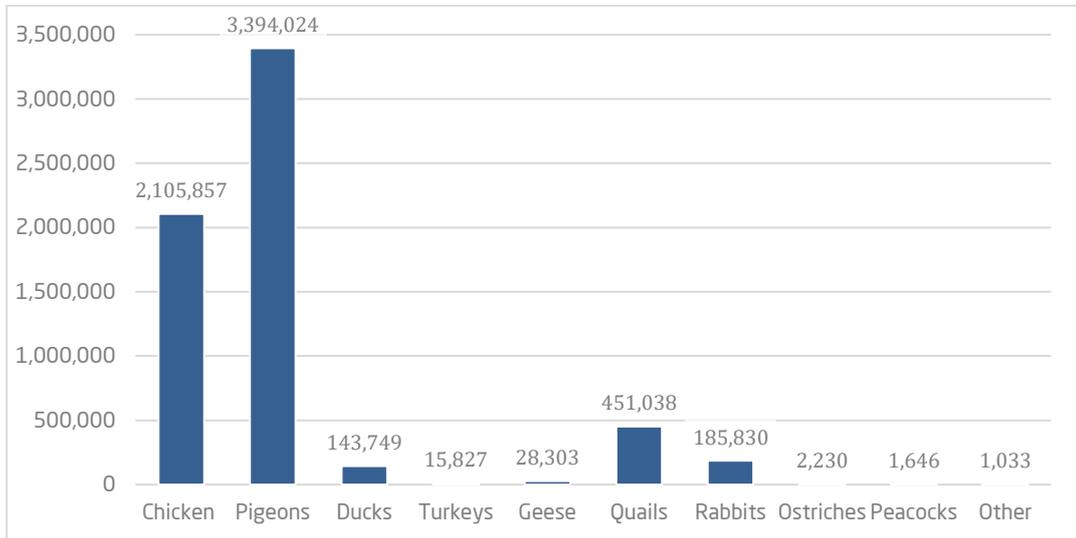
The domestic poultry and bird count in non-specialized agricultural holdings in the Kingdom reached (6.329.537), (54%) of which are pigeons, followed by chicken (33%), and quail (7%).

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 (125.460.518) eggs.



Figure (19) Number of domestic poultry by type in the Kingdom, 2017.

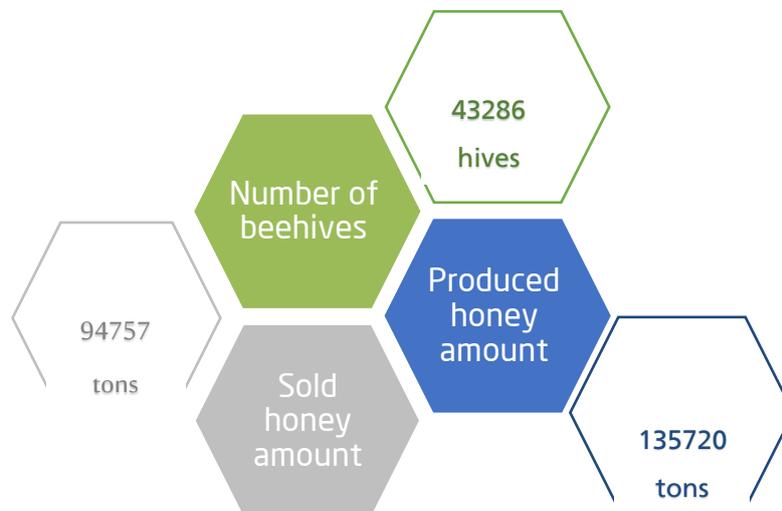


6- Beehives:

Total honey production from beehives in Saudi Arabia was (135.720) tons, (77.969) of which from traditional beehives, and (57.750) of which from modern (industrial) beehives.



Figure (20) Total number of beehives, total production of honey and total sold production across the Kingdom, 2017





Publication Tables:



Number and area of agricultural holdings by administrative region in the Kingdom, 2017

Table (1)

Area	Number	Administrative Region
8,217,580.87	24,990	Riyadh
1,043,743.561	60,481	Makkah
670,849.27	17,416	Madinah
2,951,786.908	15,520	Qassim
1,234,732.896	27,403	Eastern Region
493,501.442	69,377	Asir
1,187,213.605	6,157	Tabuk
2,937,710.92	14,763	Hail
14,439.	211	Northern Borders
691,251.493	20,875	Jazan
90,873.669	7,628	Najran
72,273.079	11,663	Al-Baha
2,615,050.225	6,708	340506.3204
22,221,007	283,192	Total

Area = 1000 m2

Table does not include the number and area of specialized agricultural projects

Grain cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017

Table (2)

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
138,471	218,564	416,809	449,148	Riyadh
28,724	61,212	178,902	197,013	Makkah
931	1,298	3,558	3,615	Madinah
177,201	222,257	458,120	475,336	Qassim
59,752	101,951	203,872	208,563	Eastern Region
10,495	48,058	126,264	131,901	Asir
66,030	70,766	108,274	109,441	Tabuk
204,989	242,701	381,241	382,536	Hail
8	124	248	250	Northern Borders
30,742	92,181	395,193	452,548	Jazan
1107.138054	1933.82359	3,899	3,938	Najran
2,804	17,889	23,095	23,217	Al-Baha
181,676	208,513	340,506	342,788	Al-Jouf
902,931	1,287,449	2,639,983	2,780,295	Total

Area = 1000 m2

Grain cultivated and harvested area, total production and total sold production by crop in the Kingdom, 2017

Table (3)

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Crops
464,108.9	517,909.9	947,857.0	964,701.9	Wheat
315,265.2	504,809.9	903,361.3	947,452.2	Barley
76.8	461.0	768.4	768.4	Oat
2,263.9	6,362.7	36,173.5	38,105.3	Red millet
1,280.4	2,271.8	8,742.6	8,784.7	Heishi millet
34,240.8	44,545.6	78,473.7	82,173.4	Yellow corn
28,975.3	71,640.1	113,773.3	120,520.3	White corn
2.8	9.4	42.9	45.0	Sweet corn
7,485.6	9,382.6	23,624.3	24,665.3	Maize

Area = 1000 m²

Grain cultivated and harvested area, total production and total sold production by crop in the Kingdom, 2017

340506.3204

Table (3) - Continued

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Crops
44,603.1	123,837.0	501,649.0	566,289.4	Broom-corn
44.0	66.3	83.0	84.1	Dried beans
47.2	120.3	262.3	296.1	Lentil
35.5	43.6	365.3	365.3	Cress
2,004.5	3,131.6	16,587.5	17,431.5	Sesame
11.2	12.2	124.0	124.0	Rice
2,485.2	2,844.8	8,094.9	8,488.7	Other grains
902,931	1,287,449	2,639,983	2,780,295	Total

Area = 1000 m2

Wheat cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017

Table (4)

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
74,986.4	84,893.5	173,661.4	181,559.4	Riyadh
854.3	3,695.8	11,724.6	12,533.5	Makkah
523.1	671.2	1,701.7	1,701.7	Madinah
98,727.0	105,157.1	225,676.1	227,685.4	Qassim
4,456.6	4,748.7	9,530.9	10,070.9	Eastern Province
4,701.1	15,784.1	46,308.8	48,271.0	Asir
51,781.5	55,337.1	80,077.5	80,077.5	Tabuk
81,251.1	84,096.9	122,679.3	122,679.3	Hail
1,745.8	5,349.4	28,916.0	30,278.0	Jazan
206.2	801.2	2,090.2	2,090.2	Najran
68.4	227.2	625.3	625.3	Al-Baha
144,807.5	157,147.7	244,865.3	247,129.8	Al-Jouf
464,109	517,910	340,506	964,702	Total

Area = 1000 m2

Barley cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017

Table (5)

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
60,180.1	128,593.7	232,721.5	256,902.5	Riyadh
192.9	767.5	3,844.0	4,041.4	Makkah
169.3	213.2	522.5	522.5	Madinah
70,377.9	107,027.0	209,662.6	223,849.0	Qassim
53,376.0	94,329.4	185,783.4	189,781.5	Eastern Province
651.9	2,149.9	6,827.4	7,037.4	Asir
8,649.1	9,257.9	14,501.5	15,608.5	Tabuk
95,656.6	127,101.0	200,471.9	200,586.7	Hail
0.0	115.0	230.0	230.0	Northern Borders
399.4	443.3	1,264.6	1,331.2	Jazan
418.7	578.0	1,170.8	1,200.5	Najran
0.0	93.4	560.2	560.2	Al-Baha
25,193.3	34,140.6	340,506.3	45,800.8	Al-Jouf
315,265	504,810	903,361	947,452	Total

Area = 1000 m2

Fodder cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017

Table (6)

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
2,750,862	3,008,059	1,751,764	1,785,270	Riyadh
15,335	19,005	13,071	13,352	Makkah
8,401	26,472	19,663	20,299	Madinah
654,183	726,817	503,322	523,336	Qassim
662,744	727,130	436,001	441,311	Eastern Region
2,632	4,387	2,807	2,966	Asir
319,715	335,392	172,580	175,533	Tabuk
943,436	977,465	575,011	578,067	Hail
7	194	146	147	Northern Borders
7,628	20,917	15,022	16,297	Jazan
11392.25362	15603.9466	9,456	9,876	Najran
2,746	3,880	2,627	2,861	Al-Baha
3,282,139	3,444,676	340,506	1,462,879	Al-Jouf
8,661,222	9,309,997	4,942,669	5,032,194	Total

Area = 1000 m2

Fodder cultivated and harvested area, total production and total sold production by crop in the Kingdom, 2017

Table (7)

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Crops
7,750,280	8,230,494	4,272,154	4,341,122	Clover
910,942	1,079,503	670,515	691,071	Other fodder
8,661,222	9,309,997	4,942,669	5,032,194	Total

Area = 1000 m2

Clover cultivated and harvested area, total production and total sold production by administrative region in the Kingdom, 2017

Table (8)

Sold production (ton)	Total production (ton)	Harvested area	Cultivated area	Administrative Region
2,109,838	2,287,108	1,317,713	1,336,934	Riyadh
7,792	9,924	6,719	6,899	Makkah
7,952	25,848	19,142	19,741	Madinah
597,895	655,643	441,038	458,030	Qassim
491,265	547,522	318,655	321,407	Eastern Region
2,312	4,026	2,479	2,611	Asir
319,404	334,988	172,331	175,275	Tabuk
924,745	958,612	560,438	563,495	Hail
7	194	146	147	Northern Borders
4,802	11,769	9,791	10,654	Jazan
11,366	15,576	9,434	9,854	Najran
1,153	2,045	1,069	1,202	Al-Baha
3,271,748	3,377,240	340,506	1,434,876	Al-Jouf
7,750,280	8,230,494	4,272,154	4,341,122	Total

Area = 1000 m2

Protected and summer and winter open field vegetables cultivated area by administrative region in the Kingdom, 2017

Table (9)

Total	Protected vegetables	Winter open field vegetables	Summer open field vegetables	Administrative Region
233,570.6	12,812.7	135,259.0	85,499.0	Riyadh
260,487.9	622.1	105,847.3	154,018.5	Makkah
20,368.7	1,259.5	11,118.3	7,990.9	Madinah
32,209.3	4,359.9	23,000.5	4,849.0	Qassim
18,819.1	4,771.6	7,711.0	6,336.5	Eastern Province
9,945.2	2,752.4	2,832.9	4,359.9	Asir
34,244.4	1,955.0	20,493.3	11,796.2	Tabuk
86,705.9	671.6	77,105.2	8,929.2	Hail
330.3	35.7	198.9	95.8	Northern Borders
28,829.5	143.4	9,408.4	19,277.7	Jazan
18,076.3	1,871.5	7,951.1	8,253.7	Najran
14,045.8	478.7	6,385.0	7,182.1	Al-Baha
371,956.0	203.6	340,506.3	31,246.1	Al-Jouf
829,119	31,938	447,347	349,834	Total

Area = 1000 m2

Summer open field vegetables cultivated crop area, total production and total sold production by crop in the Kingdom, 2017

Table (10)

Sold production (ton)	Production (ton)	Cultivated area	Crops
312,353.1	342,332.0	192,865.3	Watermelon
57,158.6	66,487.7	39,236.8	Tomato
87,676.9	90,804.1	37,147.8	Potato
32,571.4	37,712.7	19,901.4	Melon
10,971.3	14,628.1	8,813.5	Hot pepper
12,072.8	14,103.2	8,131.4	Zucchini
7,330.2	8,548.8	7,425.4	Okra
4,928.3	5,956.9	4,862.1	Beans
4,553.6	5,895.2	3,911.6	Sweet pepper
4,437.8	5,381.1	3,654.5	Eggplant
4,449.3	5,496.8	3,115.2	Cucumber
2,319.0	2,985.6	2,308.9	Mulukhiyah
4,842.4	5,019.0	340,506.3	Onion
2,346.5	2,795.1	1,891.9	Scallion
1,846.3	2,045.9	1,763.5	Coriander
3,236.5	3,546.8	1,734.5	Rocca
2,021.3	2,270.2	1,650.9	Cabbage
703.6	1,280.2	1,381.9	Parsley
9,437.2	11,391.7	8,092.3	Other vegetables
565,256	628,681	688,395	Total

Area = 1000 m2

Summer open field vegetables cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017

Table (11)

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
147,968.4	162,007.3	85,499.0	Riyadh
234,213.7	257,496.2	154,018.5	Makkah
13,345.2	15,461.2	7,990.9	Madinah
5,565.8	8,294.9	4,849.0	Qassim
9,635.4	11,175.8	6,336.5	Eastern Region
5,420.8	6,573.4	4,359.9	Asir
24,659.0	26,385.0	11,796.2	Tabuk
16,689.7	18,779.8	8,929.2	Hail
30.5	56.4	95.8	Northern Borders
22,821.5	29,797.0	19,277.7	Jazan
14,033.1	15,427.1	8,253.7	Najran
7,155.3	10,223.2	7,182.1	Al-Baha
63,717.6	67,003.5	340,506.3	Al-Jouf
565,256	628,681	349,834	Total

Area = 1000 m2

Summer open field watermelon cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017

Table (12)

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
56,459.6	59,031.9	28,484.8	Riyadh
216,300.6	232,138.1	135,594.7	Makkah
9,762.5	10,992.7	5,071.9	Madinah
680.6	2,212.1	1,701.6	Qassim
4,824.3	5,360.4	2,686.8	Eastern Region
2.5	3.8	2.5	Asir
1,802.7	2,082.8	1,104.6	Tabuk
0.0	722.9	482.0	Hail
7.0	12.6	14.0	Northern Borders
13,388.9	17,969.3	9,865.5	Jazan
23.7	24.3	15.8	Najran
5,332.7	7,809.8	5,461.4	Al-Baha
3,768.0	3,971.4	340,506.3	Al-Jouf
312,353	342,332	192,865	Total

Area = 1000 m²

Summer open field tomato cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017

Table (13)

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
38,545.7	44,587.1	25,465.4	Riyadh
4,104.4	5,070.1	3,700.7	Makkah
1,033.1	1,424.9	712.5	Madinah
231.8	264.9	95.1	Qassim
1,134.2	1,297.1	613.4	Eastern Region
2,377.7	2,830.7	1,605.1	Asir
978.0	1,189.9	1,117.3	Tabuk
476.6	557.5	337.0	Hail
1.0	1.8	1.0	Northern Borders
387.6	542.6	678.3	Jazan
5,837.4	6,117.9	3,000.6	Najran
630.8	878.1	747.1	Al-Baha
1,420.5	1,725.1	340,506.3	Al-Jouf
57,159	66,488	39,237	Total

Area = 1000 m2

Winter open field vegetables cultivated crop area, total production and total sold production by crop in the Kingdom, 2017

Table (14)

Sold production (ton)	Production (ton)	Cultivated area	Crops
313,462.8	333,593.9	143,334.3	Potato
135,098.6	147,099.6	94,448.9	Watermelon
83,571.4	105,639.9	67,675.5	Tomato
24,598.5	51,568.4	27,139.6	Onion
18,828.8	21,988.4	17,618.8	Scallion
21,535.1	25,374.9	16,240.2	Zucchini
12,486.4	13,421.3	13,917.9	Cabbage
18,299.5	20,668.8	10,412.4	Eggplant
11,642.1	12,960.4	9,347.1	Okra
7,854.7	9,499.4	9,037.7	Carrot
10,926.1	13,140.5	8,966.7	Lettuce
12,625.1	14,383.0	340,506.3	Cauliflower
6,955.2	8,417.5	5,265.8	Melon
2,807.2	3,615.3	4,690.9	Cucumber
3,652.1	4,320.9	2,907.0	Rocca
6,142.6	7,245.4	10,296.4	Other vegetables
690,486	792,938	447,347	Total

Area = 1000 m2

Winter open field vegetables cultivated crop area, total production and total sold production by crop in the Kingdom, 2017

Table (15)

Sold production (ton)	Production (ton)	Cultivated area	Administrative Region
238,361.4	277,555.0	135,259.0	Riyadh
148,567.1	162,640.5	105,847.3	Makkah
12,741.5	15,345.4	11,118.3	Madinah
36,898.3	41,028.6	23,000.5	Qassim
9,923.9	11,481.9	7,711.0	Eastern Region
3,173.7	4,051.0	2,832.9	Asir
31,801.6	38,691.4	20,493.3	Tabuk
145,032.4	154,859.4	77,105.2	Hail
182.8	262.4	198.9	Northern Borders
11,357.4	12,648.6	9,408.4	Jazan
14,969.7	17,617.8	7,951.1	Najran
6,405.4	18,053.3	6,385.0	Al-Baha
31,070.9	38,702.3	340,506.3	Al-Jouf
690,486	792,938	447,347	Total

Area = 1000 m2

Winter open field potato cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017

Table (16)

Sold production (ton)	Production (ton)	Cultivated crop area	Administrative Region
160,809.7	171,666.7	64,682.4	Riyadh
9.8	9.8	24.6	Makkah
41.8	62.7	41.8	Madinah
26,355.1	26,801.8	13,400.9	Qassim
243.2	281.0	127.5	Eastern Region
59.4	61.6	29.2	Asir
10,747.5	14,330.0	7,165.0	Tabuk
109,936.9	115,064.4	47,352.8	Hail
4.3	8.6	4.3	Jazan
130.1	182.1	260.2	Najran
3.5	3.5	2.5	Al-Baha
5,121.6	5,121.6	10,243.1	Al-Jouf
313,463	333,594	340,506	Total

Area = 1000 m2

Winter open field watermelon cultivated crop area, total production and total sold production by administrative region in the Kingdom, 2017

Table (17)

Sold production (ton)	Production (ton)	Cultivated crop area	Administrative Region
129,901.2	140,960.7	90,228.8	Makkah
3,043.3	3,540.5	1,762.4	Madinah
106.9	128.3	106.9	Qassim
20.7	24.8	20.7	Asir
0.0	181.4	604.8	Tabuk
2,026.5	2,263.7	1,724.7	Jazan
0.0	0.2	0.6	Najran
135,099	147,100	94,449	Total

Area = 1000 m2

Number and area of vegetable greenhouses, total production and total sold production by crop in the Kingdom, 2017

Table (18)

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Crops
88,426.7	102,066.7	12,279,638.6	26,364	Tomato
54,697.5	61,214.1	8,595,648.0	19,933	Cucumber
17,859.9	20,577.4	2,987,670.2	7,182	Sweet pepper
17,452.6	19,111.5	2,745,321.1	5,832	Eggplant
11,504.6	13,184.3	1,822,695.5	4,509	Zucchini
5,999.6	6,770.2	996,392.4	2,301	Hot pepper
3,724.8	4,357.6	762,021.0	2,206	Beans
1,073.7	1,168.5	372,653.7	411	Okra
667.9	738.8	131,763.2	169	Lettuce
759.2	851.9	93,963.9	125	Potato
378.2	435.7	87,149.9	174	Carrot
229.1	254.5	58,546.4	92	American pumpkin
56.3	73.3	340,506.3	225	Broccoli

Number and area of vegetable greenhouses, total production and total sold production by crop in the Kingdom, 2017

Table (18) - Continued

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Crops
232.3	232.3	55,757.5	139	Rocca
187.4	219.6	53,549.6	107	Parsley
278.9	329.9	46,222.7	103	Squash
102.6	110.8	42,683.4	49	Mulukhiyah
218.7	258.5	39,764.1	80	Melon
147.3	176.8	39,292.6	79	Coriander
209.8	222.2	37,026.4	74	Watermelon
15.4	18.0	3,024.0	6	Armenian cucumber
15.5	18.0	2,000.0	4	Cowpea
2.5	3.0	640.0	2	Pea
2,190.6	2,511.5	627,870.4	1,258	Other vegetables
206,431	234,905	31,937,643	71,424	Total

Number and area of vegetable greenhouses, total production and total sold production by administrative region in the Kingdom, 2017

Table (19)

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Administrative Region
93,228.6	102,885.6	12,812,653.6	25,639	Riyadh
3,776.9	4,400.8	622,050.0	1,493	Makkah
7,468.8	8,498.1	1,259,541.1	3,845	Madinah
35,217.8	40,705.7	4,359,852.5	10,707	Qassim
24,652.3	28,018.0	4,771,600.8	9,263	Eastern Region
18,708.2	23,778.1	2,752,392.8	8,003	Asir
10,564.3	11,769.2	1,955,012.8	4,895	Tabuk
4,467.3	5,231.5	671,611.3	1,893	Hail
168.8	174.4	35,677.6	86	Northern Borders
306.1	323.0	143,447.7	408	Jazan
4,551.3	5,167.8	1,871,507.0	3,654	Najran
2,245.5	2,698.3	478,738.9	1,088	Al-Baha
1,075.4	1,254.7	340,506.3	450	Al-Jouf
206,431	234,905	31,937,643	71,424	Total

Number and area of tomato greenhouses, total production and total sold production by administrative region in the Kingdom, 2017

Table (20)

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Administrative Region
43,069.7	48,227.9	5,754,437.7	11,371	Riyadh
1,480.2	1,742.5	218,634.0	612	Makkah
1,357.2	1,603.6	200,439.9	689	Madinah
18,450.6	21,709.5	1,848,867.3	4,390	Qassim
6,696.3	7,613.4	1,205,523.4	2,430	Eastern Region
11,254.1	13,763.6	1,753,127.8	4,025	Asir
3,024.3	3,465.3	464,667.6	1,079	Tabuk
1,046.1	1,304.0	200,817.6	715	Hail
94.8	97.2	14,000.0	39	Northern Borders
2.6	2.6	2,574.9	5	Jazan
0.0	259.7	259,730.1	519	Najran
1,315.1	1,557.6	283,024.7	363	Al-Baha
635.8	719.9	340,506.3	127	Al-Jouf
88,427	102,067	12,279,639	26,364	Total

Number and area of cucumber greenhouses, total production and total sold production by administrative region in the Kingdom, 2017

Table (21)

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Administrative Region
23,674.2	25,357.4	3,174,830.0	6,393	Riyadh
1,710.6	1,956.0	239,787.8	480	Makkah
4,263.9	4,829.9	729,563.2	2,226	Madinah
6,174.7	6,899.1	985,550.5	2,466	Qassim
4,511.2	5,095.9	705,795.9	1,414	Eastern Region
4,986.9	6,691.7	519,280.5	1,682	Asir
3,832.9	4,192.2	581,542.6	1,557	Tabuk
599.7	685.4	105,091.6	297	Hail
33.2	35.0	5,000.0	11	Northern Borders
0.0	0.0	0.0	0	Jazan
3,962.4	4,269.7	1,382,301.2	2,647	Najran
639.5	819.0	119,546.0	599	Al-Baha
308.3	382.9	340,506.3	161	Al-Jouf
54,697	61,214	8,595,648	19,933	Total

Number and area of cut flower greenhouses, total production and total sold production by administrative region in the Kingdom, 2017

Table (22)

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Administrative Region
1,511.0	1,664.2	328,448.1	676	Riyadh
2,344.3	3,593.3	1,043,361.9	2,478	Makkah
12.5	14.6	24,591.1	68	Madinah
26.7	27.1	20,020.3	57	Qassim
68.8	2,400.3	44,289.7	114	Eastern Region
17.4	17.4	6,940.0	20	Asir
612.3	660.9	182,158.9	150	Tabuk
289.4	317.7	49,101.5	136	Hail
2.6	2.6	1,298.1	3	Northern Borders
325.6	383.0	236,949.1	591	Jazan
3.2	3.6	2,133.7	4	Najran
0.7	0.7	309.6	1	Al-Baha
7.9	7.9	340,506.3	9	Al-Jouf
5,222	9,093	1,942,761	4,307	Total

Number and area of cut flower greenhouses, total production and total sold production by crop in the Kingdom, 2017

Table (23)

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Crops
153.0	162.8	32,182.7	43	Chrysanthemum
12.6	12.6	4,651.3	6	Germander
636.8	1,703.9	131,787.8	463	Basil
88.3	93.0	21,756.3	17	Lily
88.6	918.5	12,493.3	23	Iris
73.8	74.6	27,945.0	29	Mugwort
1,002.5	1,122.9	288,408.5	998	Arabian jasmine
14.5	14.5	5,290.8	6	Yarrow
75.2	110.1	90,060.9	222	Pandanus
272.6	314.0	41,721.8	32	Daffodil

Number and area of cut flower greenhouses, total production and total sold production by crop in the Kingdom, 2017

340506.3204

Table (23) - Continued

Sold production (ton)	Total production (ton)	House area (m2)	Number of houses	Crops
3.9	4.4	2,128.0	9	Dog-rose
249.3	266.5	79,804.0	51	Clove
176.1	196.9	39,932.2	164	Madini rose
442.0	484.9	103,123.1	93	Baladi rose
219.3	234.3	168,149.9	202	Damask rose
1,033.4	1,108.1	760,016.0	1,489	Taif rose
61.2	1,566.3	8,310.0	96	Jasmine
618.9	704.8	125,000.0	364	Other flowers, roses and aromatic plants (clarified)
5,222	9,093	1,942,761	4,307	Total

Total number of palm trees, fruitful palm trees, total production and total sold production by administrative region in the Kingdom, 2017

Table (24)

Sold production (ton)	Total production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
319,297	400,081	6,274,986	7,861,928	Riyadh
35,519	51,205	908,877	1,243,919	Makkah
159,293	197,207	3,455,389	4,622,048	Madinah
282,291	336,794	5,698,450	7,330,878	Qassim
139,529	185,856	3,037,312	3,925,316	Eastern Region
39,589	53,245	974,166	1,117,721	Asir
40,152	53,068	875,438	1,012,454	Tabuk
64,200	95,057	1,705,500	1,898,043	Hail
160	221	5,007	24,329	Northern Borders
74	105	3,655	8,719	Jazan
11,045	15,859	276,846	399,867	Najran
2,278	2,940	68,206	73,554	Al-Baha
28,720	35,868	340,506	910,831	Al-Jouf
1,122,147	1,427,506	23,951,505	30,429,607	Total

Total number of palm trees, fruitful palm trees, total production and total sold production by type in the Kingdom, 2017

Table (25)

Sold production (ton) ²	Total production (ton)	Number of fruitful trees	Total number of trees	Type
312,128	377,237	5,952,402	7,743,878	Khalas
192,973	227,253	3,735,247	4,679,594	Yellow Sukkari
74,126	89,894	1,682,219	2,141,980	Barni
66,677	89,521	1,727,381	2,015,649	Safri
57,389	76,047	1,403,091	1,717,625	Sweet
47,540	63,370	1,149,366	1,503,854	Barhi
36,098	41,859	673,694	876,413	Saq'i
36,829	43,209	633,113	861,290	Ajwa
33,387	41,597	687,834	843,337	Rothana
19,950	26,747	591,629	708,182	Red Sukkari
18,051	25,249	501,342	704,428	Khodri

Total number of palm trees, fruitful palm trees, total production and total sold production by type in the Kingdom, 2017

Table (25) - Continued

Sold production (ton) ²	Total production (ton)	Number of fruitful trees	Total number of trees	Type
32,253	42,173	548,527	639,062	Surri
12,452	26,411	465,201	545,833	Maktoumi
21,079	27,632	450,750	545,550	Raziz
14,759	20,639	360,356	449,872	Nabtat Ali
15,467	18,967	312,125	361,152	Nabtat Saif
12,249	15,685	291,164	325,692	Shaqra
14,470	18,086	272,748	306,650	Selej
9,380	13,579	198,278	239,913	Sheishi
94,891	142,352	2,315,038	3,219,653	Other palm trees
1,122,147	1,427,506	23,951,505	30,429,607	Total

Total number of Khalas palm trees, fruitful trees, total production and total sold production by administrative region in the Kingdom, 2017

Table (26)

Sold production (ton)☒	Total production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
141,558	169,190	2,493,327	3,155,640	Riyadh
427	678	15,561	41,318	Makkah
191	255	5,645	40,517	Madinah
55,021	63,698	1,099,068	1,468,055	Qassim
98,482	123,062	1,963,028	2,586,741	Eastern Region
171	253	6,318	6,318	Asir
1,082	1,305	26,624	27,112	Tabuk
10,989	13,079	229,222	252,079	Hail
3	5	108	2,154	Northern Borders
2	4	104	719	Jazan
2,488	3,730	71,821	101,694	Najran
2	3	64	255	Al-Baha
1,712	1,977	340,506	61,277	Al-Jouf
312,128	377,237	5,952,402	7,743,878	Total

Total number of yellow Sukkari palm trees, fruitful trees, total production and total sold production by administrative region in the Kingdom, 2017

Table (27)

Sold production (ton) ²	Total production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
15,445	20,186	356,413	432,518	Riyadh
1,154	1,390	28,235	39,541	Makkah
1,699	2,144	38,891	52,147	Madinah
158,072	183,979	2,929,924	3,698,027	Qassim
668	854	24,625	54,784	Eastern Region
97	195	6,485	6,485	Asir
2,899	3,265	58,904	65,325	Tabuk
11,169	13,002	234,859	254,414	Hail
25	33	833	6,318	Northern Borders
3	4	87	652	Jazan
407	517	10,240	14,985	Najran
113	174	8,714	8,714	Al-Baha
1,223	1,509	340,506	45,684	Al-Jouf
192,973	227,253	3,735,247	4,679,594	Total

Total number of evergreen trees (except palm), fruitful evergreen trees, total production and total sold production by administrative region in the Kingdom, 2017

Table (28)

Total sold production (ton)	Production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
17,201	20,051	572,079	1,157,585	Riyadh
15,784	22,006	622,894	838,166	Makkah
16,543	20,259	677,408	954,921	Madinah
18,207	20,983	808,685	1,849,417	Qassim
19,419	22,839	450,287	629,151	Eastern Region
13,399	19,400	392,295	427,659	Asir
129,320	143,604	4,460,437	4,660,715	Tabuk
30,319	36,515	1,275,824	1,433,306	Hail
223	276	13,508	79,920	Northern Borders
68,621	81,334	1,183,000	1,543,818	Jazan
19,849	23,290	444,541	535,159	Najran
4,080	5,992	242,410	302,227	Al-Baha
238,602	249,715	340,506	11,506,449	Al-Jouf
591,567	666,264	18,390,803	25,918,493	Total

Total number of evergreen trees (except palm), fruitful evergreen trees, total production and total sold production by type in the Kingdom, 2017

Table (29)

Sold production (ton)	Production (ton)	Number of fruitful trees	Total number of trees	Type
276,879	290,857	7,662,812	12,775,819	Olive
87,769	99,939	4,276,150	4,747,791	Grape
39,981	49,722	1,013,454	1,258,792	Lemon
64,450	77,576	997,419	1,155,358	Mango
19,009	26,847	857,692	1,067,012	Pomegranate
103,478	121,322	3,583,275	4,913,721	Other evergreen trees
591,567	666,264	18,390,803	25,918,493	Total

Total number of olive trees, fruitful olive trees, total production and total sold production by administrative region in the Kingdom, 2017

Table (30)

Sold production (ton)	Production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
1,137	1,264	58,867	267,667	Riyadh
37	57	3,902	4,247	Makkah
1,067	1,266	67,354	69,424	Madinah
214	232	6,112	519,001	Qassim
0	0	0	2,624	Eastern Region
44	49	1,753	2,092	Asir
43,049	45,689	788,508	832,985	Tabuk
10,285	13,443	465,729	541,478	Hail
38	46	4,977	68,688	Northern Borders
0	1	33	39	Jazan
0	1	79	79	Najran
30	37	3,743	13,516	Al-Baha
220,979	340,506	6,261,755	10,453,980	Al-Jouf
276,879	290,857	7,662,812	12,775,819	Total

Total number of grape trees, fruitful grape trees, total production and total sold production by administrative region in the Kingdom, 2017

Table (31)

Sold production (ton)	Production (ton)	Number of fruitful trees	Total number of trees	Administrative Region
2,286	2,627	121,098	123,258	Riyadh
1,414	2,238	68,334	72,564	Makkah
3,288	3,848	156,633	160,503	Madinah
10,855	12,303	553,501	956,036	Qassim
421	540	13,032	15,638	Eastern Region
2,000	2,617	66,359	76,139	Asir
45,611	50,777	2,152,483	2,159,227	Tabuk
14,834	16,226	635,580	668,849	Hail
151	184	6,148	6,148	Northern Borders
0	1	145	145	Jazan
891	1,184	46,846	50,292	Najran
561	864	31,024	32,514	Al-Baha
5,457	340,506	424,967	426,478	Al-Jouf
87,769	99,939	4,276,150	4,747,791	Total

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (32)

Milking females	Najdi						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
205,117	588,521	112,181	469,453	26,723	119,068	85,458	Riyadh
47,921	52,913	14,664	39,584	3,959	13,329	10,705	Makkah
92,923	136,621	32,770	108,783	10,354	27,838	22,416	Madinah
284,482	379,640	75,068	301,256	16,744	78,384	58,324	Qassim
38,152	48,281	15,144	36,143	7,086	12,138	8,058	Eastern Region
50,832	95,548	27,716	78,464	12,074	17,084	15,642	Asir
68,554	86,921	36,946	66,348	18,765	20,573	18,181	Tabuk
72,445	146,840	40,686	112,547	16,052	34,293	24,634	Hail
0	421	62	391	21	30	41	Northern Borders
3,744	12,710	5,750	9,424	2,656	3,286	3,094	Jazan
51,655	85,792	340,506	65,219	5,705	20,573	16,460	Najran
2,762	6,618	2,402	5,178	1,094	1,440		Al-Baha
51,464	22,792	7,396	17,733	2,612	5,059	4,784	Al-Jouf
970,051	1,663,618	392,950	1,310,523	123,845	353,095	269,105	Total

Excluding cattle breeders in Badiah and the edges*

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (32) - Continued

Milking females	Nu'aimi						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
268,549	783,088	162,920	625,724	31,222	157,364	131,698	Riyadh
1,548	2,880	733	1,859	318	1,021	415	Makkah
13,757	24,717	7,413	18,590	1,862	6,127	5,551	Madinah
446,959	870,604	160,440	682,035	39,644	188,569	120,796	Qassim
200,776	453,933	122,668	337,566	26,853	116,367	95,815	Eastern Region
555	1,413	692	1,140	385	273	307	Asir
30,149	69,738	24,270	60,041	15,685	9,697	8,585	Tabuk
145,468	494,807	109,940	386,237	27,259	108,570	82,681	Hail
0	12,199	2,576	10,715	380	1,484	2,196	Northern Borders
106	204	76	94	22	110	54	Jazan
38,393	94,202	44,533	87,230	6,972	21,702	22,831	Najran
106	249	51	214	25	35	26	Al-Baha
222,636	235,181	52,992	188,788	13,347	46,393	39,645	Al-Jouf
1,369,002	3,043,215	689,304	2,400,233	163,974	657,712	510,600	Total

Excluding cattle breeders in Badiyah*

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (32) - Continued

Milking females	Hurri						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
121,152	414,715	84,063	345,129	16,898	69,586	67,165	Riyadh
351,417	786,709	229,379	608,358	79,740	178,351	149,639	Makkah
23,660	66,219	21,607	51,766	7,235	14,453	14,372	Madinah
73,004	149,820	30,321	120,050	6,157	29,770	24,164	Qassim
4,550	9,330	2,216	8,053	1,308	1,277	908	Eastern Region
134,666	404,335	117,796	319,050	42,018	85,285	75,778	Asir
3,407	11,612	5,616	8,466	2,947	3,146	2,669	Tabuk
2,285	8,306	1,538	6,522	370	1,784	1,168	Hail
0	18	8	15	2	3	6	Northern Borders
35,766	73,247	38,052	50,964	15,880	22,283	22,172	Jazan
30,848	106,676	27,403	83,120	6,572	23,556	20,831	Najran
51,722	152,899	49,864	123,647	22,324	29,252	27,540	Al-Baha
879	1,180	211	1,101	89	79	122	Al-Jouf
833,356	2,185,066	608,074	1,726,241	201,540	458,825	406,534	Total

Excluding cattle breeders in Badiyah*

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (32) - Continued

Milking females	Other						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
6,354	22,012	5,434	18,883	1,904	3,129	3,530	Riyadh
29,111	49,012	126,129	36,805	113,113	12,207	13,016	Makkah
787	2,240	7,818	2,240	570	0	7,248	Madinah
9,737	17,260	10,069	14,296	6,476	2,964	3,593	Qassim
15,728	39,770	21,784	32,696	16,130	7,074	5,654	Eastern Region
21,430	45,542	18,691	35,876	9,301	9,666	9,390	Asir
843	2,526	2,782	1,879	2,457	647	325	Tabuk
76	190	73	190	73	0	0	Hail
0	170	63	140	3	30	60	Northern Borders
66,056	223,608	85,737	165,034	34,879	58,574	50,858	Jazan
31,024	88,091	28,855	66,151	8,440	21,940	20,415	Najran
3,156	11,879	4,284	9,047	1,509	2,832	2,775	Al-Baha
24	146	57	102	15	44	42	Al-Jouf
184,326	502,446	311,776	383,339	194,870	119,107	116,906	Total

Excluding cattle breeders in Badiyah*

Number of sheep by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (32) - Continued

Milking females	Total						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
601,172	1,808,336	364,598	1,459,189	76,747	349,147	287,851	Riyadh
429,997	891,514	370,905	686,606	197,130	204,908	173,775	Makkah
131,127	229,797	69,608	181,379	20,021	48,418	49,587	Madinah
814,182	1,417,324	275,898	1,117,637	69,021	299,687	206,877	Qassim
259,206	551,314	161,812	414,458	51,377	136,856	110,435	Eastern Region
207,483	546,838	164,895	434,530	63,778	112,308	101,117	Asir
102,953	170,797	69,614	136,734	39,854	34,063	29,760	Tabuk
220,274	650,143	152,237	505,496	43,754	144,647	108,483	Hail
0	12,808	2,709	11,261	406	1,547	2,303	Northern Borders
105,672	309,769	129,615	225,516	53,437	84,253	76,178	Jazan
151,920	389,491	108,226	301,720	27,689	87,771	80,537	Najran
57,746	171,645	56,601	138,086	24,952	33,559	31,649	Al-Baha
275,003	259,299	60,656	207,724	16,063	51,575	44,593	Al-Jouf
3,356,735	7,409,075	1,987,374	5,820,336	684,229	1,588,739	1,303,145	Total

Excluding cattle breeders in Badiyah*

Number of goats by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (33)

Milking females	Local						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
174,351	548,167	124,608	404,838	25,228	143,329	99,380	Riyadh
163,254	374,035	107,028	282,282	35,354	91,753	71,674	Makkah
90,617	204,840	52,167	163,553	14,476	41,287	37,691	Madinah
141,830	282,860	70,812	215,274	15,424	67,586	55,388	Qassim
75,703	177,678	51,095	138,482	26,933	39,196	24,162	Eastern Region
76,723	222,060	82,271	172,626	37,296	49,434	44,975	Asir
54,368	122,683	46,120	94,369	23,975	28,314	22,145	Tabuk
71,114	206,094	58,363	154,680	16,317	51,414	42,046	Hail
1,317	4,011	1,103	3,324	164	687	939	Northern Borders
89,380	295,543	85,034	201,314	34,392	94,229	50,642	Jazan
49,841	147,724	340,506	111,815	6,125	35,909	31,683	Najran
27,375	88,035	27,006	67,299	9,785	20,736		Al-Baha
49,124	87,375	27,720	66,653	10,675	20,722	17,045	Al-Jouf
1,064,997	2,761,105	771,135	2,076,509	256,144	684,596	514,991	Total

Excluding cattle breeders in Badiah*

Number of goats by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (33) - Continued

Milking females	Foreign						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
4,658	11,063	3,103	8,300	737	2,763	2,366	Riyadh
814	2,634	8,488	2,060	8,106	574	382	Makkah
625	1,187	767	922	626	265	141	Madinah
3,544	7,507	21,327	6,110	18,388	1,397	2,939	Qassim
3,368	6,288	3,497	5,208	2,571	1,080	926	Eastern Region
182	383	105	300	20	83	85	Asir
372	1,025	714	854	538	171	176	Tabuk
520	1,190	250	932	60	258	190	Hail
5	14	4	12	1	2	3	Northern Borders
259	548	174	354	38	194	136	Jazan
198	778	141	625	28	153	113	Najran
153	446	190	345	56	101	134	Al-Baha
847	1,753	471	1,250	128	503	343	Al-Jouf
15,545	34,816	39,231	27,272	31,297	7,544	7,934	Total

Excluding cattle breeders in Badiyah*

Number of goats by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (33) - Continued

Cross-breed							Administrative Region
Milking females	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
18	47	10	36	2	11	8	Riyadh
26	149	20	120	9	29	11	Makkah
6	23	4	20	1	3	3	Madinah
150	194	6	194	6	0	0	Qassim
55	267	107	193	64	74	43	Eastern Region
8	41	10	35	4	6	6	Asir
1	4	1	3	1	1	0	Tabuk
18	26	52	20	40	6	12	Hail
0	0	0	0	0	0	0	Northern Borders
6	50	6	43	3	7	3	Jazan
28	155	24	100	4	55	20	Najran
3	12	2	10	1	2	1	Al-Baha
8	24	3	20	1	4	2	Al-Jouf
327	992	245	794	136	198	109	Total

Excluding cattle breeders in Badiah*

Number of goats by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (33) - Continued

Milking females	Total						Administrative Region
	Total		12 months and over		Under 12 months		
	Female	Male	Female	Male	Female	Male	
179,027	559,277	127,721	413,174	25,967	146,103	101,754	Riyadh
164,094	376,818	115,536	284,462	43,469	92,356	72,067	Makkah
91,248	206,050	52,938	164,495	15,103	41,555	37,835	Madinah
145,524	290,561	92,145	221,578	33,818	68,983	58,327	Qassim
79,126	184,233	54,699	143,883	29,568	40,350	25,131	Eastern Region
76,913	222,484	82,386	172,961	37,320	49,523	45,066	Asir
54,741	123,712	46,835	95,226	24,514	28,486	22,321	Tabuk
71,652	207,310	58,665	155,632	16,417	51,678	42,248	Hail
1,322	4,025	1,107	3,336	165	689	942	Northern Borders
89,645	296,141	85,214	201,711	34,433	94,430	50,781	Jazan
50,067	148,657	37,973	112,540	6,157	36,117	31,816	Najran
27,531	88,493	27,198	67,654	9,842	20,839	17,356	Al-Baha
49,979	89,152	28,194	67,923	10,804	21,229	17,390	Al-Jouf
1,080,869	2,796,913	810,611	2,104,575	287,577	692,338	523,034	Total

Excluding cattle breeders in Badiah*

Number of camels by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (34)

Milking females	Local						Administrative Region
	Total		4 years and over		Under 4 years		
	Female	Male	Female	Male	Female	Male	
32,296	114,581	19,608	96,207	6,046	18,374	13,562	Riyadh
11,933	23,926	7,696	18,388	2,043	5,538	5,653	Makkah
7,182	15,568	4,968	11,679	1,771	3,889	3,197	Madinah
33,794	67,400	12,812	53,089	3,407	14,311	9,405	Qassim
19,218	54,963	10,256	42,781	3,024	12,182	7,232	Eastern Region
7,130	21,787	5,447	17,073	1,743	4,714	3,704	Asir
3,331	8,428	3,782	6,471	2,076	1,957	1,706	Tabuk
9,211	31,472	7,357	23,812	2,212	7,660	5,145	Hail
226	991	168	867	38	124	130	Northern Borders
2,732	7,685	1,942	5,789	905	1,896	1,037	Jazan
7,204	17,831	340,506	13,819	1,638	4,012	2,941	Najran
1,523	5,973	1,235	4,861	448	1,112	787	Al-Baha
5,906	9,907	2,513	8,082	1,012	1,825	1,501	Al-Jouf
141,686	380,512	82,363	302,918	26,363	77,594	56,000	Total

Excluding cattle breeders in Badiah*

Number of camels by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (34) - Continued

Milking females	Foreign						Administrative Region
	Total		4 years and over		Under 4 years		
	Female	Male	Female	Male	Female	Male	
57	216	774	160	221	56	553	Riyadh
75	120	52	103	19	17	33	Makkah
13	20	6	16	3	4	3	Madinah
5,650	10,482	2,257	6,141	1,179	4,341	1,078	Qassim
367	613	1,318	469	990	144	328	Eastern Region
382	975	277	847	23	128	254	Asir
5	21	16	8	9	13	7	Tabuk
76	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
275	306	5	306	5	0	0	Al-Baha
35	153	35	128	2	25	33	Al-Jouf
6,936	13,098	4,768	8,293	2,456	4,805	2,312	Total

Excluding cattle breeders in Badiah*

Number of camels by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (34) - Continued

Milking females	Cross-breed						Administrative Region
	Total		4 years and over		Under 4 years		
	Female	Male	Female	Male	Female	Male	
5	23	12	22	8	1	4	Riyadh
5	10	1	7	1	3	0	Makkah
0	0	0	0	0	0	0	Madinah
3,175	5,379	1,001	3,175	57	2,204	944	Qassim
34	125	28	84	6	41	22	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
73	185	49	143	13	42	36	Najran
28	45	6	37	2	8	4	Al-Baha
67	182	36	144	4	38	32	Al-Jouf
3,387	5,949	1,133	3,612	91	2,337	1,042	Total

Excluding cattle breeders in Badiah*

Number of camels by breed, age group and sex in agricultural holdings by administrative region in the Kingdom, 2017*

Table (34) - Continued

Milking females	Total						Administrative Region
	Total		4 years and over		Under 4 years		
	Female	Male	Female	Male	Female	Male	
32,358	114,820	20,394	96,389	6,275	18,431	14,119	Riyadh
12,013	24,056	7,749	18,498	2,063	5,558	5,686	Makkah
7,195	15,588	4,974	11,695	1,774	3,893	3,200	Madinah
42,619	83,261	16,070	62,405	4,643	20,856	11,427	Qassim
19,619	55,701	11,602	43,334	4,020	12,367	7,582	Eastern Region
7,512	22,762	5,724	17,920	1,766	4,842	3,958	Asir
3,336	8,449	3,798	6,479	2,085	1,970	1,713	Tabuk
9,287	31,662	7,385	23,926	2,217	7,736	5,168	Hail
226	991	168	867	38	124	130	Northern Borders
2,732	7,685	1,942	5,789	905	1,896	1,037	Jazan
7,278	18,018	4,628	13,963	1,651	4,055	2,977	Najran
1,826	6,324	1,246	5,204	455	1,120	791	Al-Baha
6,008	10,242	2,584	8,354	1,018	1,888	1,566	Al-Jouf
152,009	399,559	88,264	314,823	28,910	84,736	59,354	Total

Excluding cattle breeders in Badiah*

Number of cows by breed, age group and sex in agricultural holdings across the administrative regions in the Kingdom, 2017*

Table (35)

Milking females	Local						Administrative Region
	Total		2 years and over		Under 2 years		
	Female	Male	Female	Male	Female	Male	
2,778	7,997	3,839	7,563	3,156	434	683	Riyadh
779	1,648	540	1,241	211	407	329	Makkah
96	216	41	174	19	42	22	Madinah
282	520	157	406	85	114	72	Qassim
2,560	3,802	1,504	3,040	903	762	601	Eastern Region
740	1,574	460	1,292	207	282	253	Asir
153	377	93	203	68	174	25	Tabuk
1	8	3	8	1	0	2	Hail
0	0	0	0	0	0	0	Northern Borders
712	1,956	1,443	1,442	745	514	698	Jazan
258	748	340,506	528	60	220	250	Najran
41	405	144	336	83	69		Al-Baha
47	80	17	61	8	19	9	Al-Jouf
8,447	19,331	8,551	16,294	5,546	3,037	2,944	Total

Excluding cows in specialized*

Number of cows by breed, age group and sex in agricultural holdings across the administrative regions in the Kingdom, 2017*

Table (35) - Continued

Milking females	Foreign						Administrative Region
	Total		2 years and over		Under 2 years		
	Female	Male	Female	Male	Female	Male	
554	593	27	571	7	22	20	Riyadh
7	16	68	11	34	5	34	Makkah
1	2	0	2	0	0	0	Madinah
26	31	7	27	5	4	2	Qassim
496	820	817	757	185	63	632	Eastern Region
29	72	18	58	4	14	14	Asir
0	0	0	0	0	0	0	Tabuk
1	15	0	10	0	5	0	Hail
0	0	0	0	0	0	0	Northern Borders
1	5	0	5	0	0	0	Jazan
0	0	0	0	0	0	0	Najran
3	7	1	4	0	3	1	Al-Baha
1	4	0	4	0	0	0	Al-Jouf
1,119	1,565	938	1,449	235	116	703	Total

Excluding cows in specialized*

Number of cows by breed, age group and sex in agricultural holdings across the administrative regions in the Kingdom, 2017*

Table (35) - Continued

Cross-breed							Administrative Region
Milking females	Total		2 years and over		Under 2 years		
	Female	Male	Female	Male	Female	Male	
14	40	62	27	8	13	54	Riyadh
48	30	2	29	1	1	1	Makkah
0	0	0	0	0	0	0	Madinah
1	37	7	22	3	15	4	Qassim
82	151	61	110	36	41	25	Eastern Region
6	19	5	16	2	3	3	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
37	36	10	31	5	5	5	Jazan
0	3	2	2	1	1	1	Najran
5	9	2	8	0	1	2	Al-Baha
1	18	12	8	8	10	4	Al-Jouf
194	343	163	253	64	90	99	Total

Excluding cows in specialized*

Number of cows by breed, age group and sex in agricultural holdings across the administrative regions in the Kingdom, 2017*

Table (35) - Continued

Total							Administrative Region
Milking females	Total		2 years and over		Under 2 years		
	Female	Male	Female	Male	Female	Male	
3,346	8,630	3,928	8,161	3,171	469	757	Riyadh
834	1,694	610	1,281	246	413	364	Makkah
97	218	41	176	19	42	22	Madinah
309	588	171	455	93	133	78	Qassim
3,138	4,773	2,382	3,907	1,124	866	1,258	Eastern Region
775	1,665	483	1,366	213	299	270	Asir
153	377	93	203	68	174	25	Tabuk
2	23	3	18	1	5	2	Hail
0	0	0	0	0	0	0	Northern Borders
750	1,997	1,453	1,478	750	519	703	Jazan
258	751	312	530	61	221	251	Najran
49	421	147	348	83	73	64	Al-Baha
49	102	29	73	16	29	13	Al-Jouf
9,760	21,239	9,652	17,996	5,845	3,243	3,807	Total

Excluding cows in specialized*

Number of riding and draught animals by type across the administrative regions in the Kingdom, 2017

Table (36)

Total	Other animals	Deer	Donkey	Mule	Horse	Administrative Region
12,121	18	6,961	1,068	64	4,010	Riyadh
1,885	640	192	213	16	824	Makkah
518	8	51	31	16	412	Madinah
2,102	1	723	236	40	1,102	Qassim
8,320	0	571	2,803	119	4,827	Eastern Province
430	9	36	102	18	265	Asir
1,166	0	510	405	4	247	Tabuk
1,109	4	430	497	7	171	Hail
2,777	0	1,315	1,436	5	21	Northern Borders
603	82	8	319	42	152	Jazan
784	0	35	0	0	749	Najran
32	0	6	3	0	23	Al-Baha
1,080	0	340,506	736	11	198	Al-Jouf
32,927	762	10,973	7,849	342	13,001	Total

Number of domestic poultry by type and number of produced eggs across the administrative regions in the Kingdom, 2017*

Table (37)

Produced eggs	Other	Peacock	Ostrich	Rabbit	Quail	Goose	Turkey	Duck	Pigeon	Chicken	Administrative Region
35,608,700	288	446	1,411	88,114	94,518	5,822	5,477	25,684	947,441	712,174	Riyadh
5,259,410	565	164	52	4,077	3,654	654	610	4,350	101,457	80,914	Makkah
842,844	0	48	61	7,447	338,110	1,311	884	3,895	37,478	70,237	Madinah
57,387,008	0	112	264	28,112	8,044	4,874	4,014	60,084	1,500,734	512,384	Qassim
11,453,890	66	214	188	19,440	3,455	3,125	1,788	29,458	387,332	327,254	Eastern Province
402,875	0	61	18	3,414	1,305	351	112	488	10,247	16,115	Asir
818,730	0	0	16	1,877	205	401	98	1,088	13,889	24,810	Tabuk
5,077,836	0	84	32	14,478	556	907	214	4,020	195,450	141,051	Hail
333,945	0	0	0	747	0	44	66	654	16,044	8,145	Northern Borders
778,080	0	54	0	118	88	1,408	184	2,848	20,085	24,315	Jazan
1,380,081	0	22	44	808	311	225	187	448	19,084	47,589	Najran
365,624	0	0	0	540	188	240	89	684	8,451	13,058	Al-Baha
5,751,495	114	340,506	144	16,658	604	8,941	2,104	10,048	136,332	127,811	Al-Jouf
125,460,518	1,033	1,646	2,230	185,830	451,038		15,827	143,749	3,394,024	2,105,857	Total

Excluding poultry in specialized projects*

Total honey produced by hive type across the administrative regions in the Kingdom, 2017

Table (38)

Total	Industrial (modern)	Free range (traditional)	Administrative Region
Produced honey (ton)	Produced honey (ton)	Produced honey (ton)	
9,745.6	6,874.2	2,871.4	Riyadh
10,171.8	854.4	9,317.4	Makkah
1,999.6	233.0	1,766.6	Madinah
6,222.7	4,157.7	2,064.9	Qassim
8,446.5	4,136.1	4,310.4	Eastern Province
13,449.2	1,071.2	12,378.0	Asir
4,816.9	4,552.7	264.3	Tabuk
4,976.5	2,742.2	2,234.3	Hail
44.1	0.0	44.1	Northern Borders
31,082.7	2,012.5	29,070.1	Jazan
222.9	0.0	222.9	Najran
9,156.4	2,595.8	340,506.3	Al-Baha
35,385.2	28,520.4	6,864.8	Al-Jouf
135,720	57,750	77,970	Total

