



הלשכה המרכזית לסטטיסטיקה  
Central Bureau of Statistics  
دائرة الإحصاء المركزية



# The Agricultural Census 2017

Publication No. 1906



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Central Bureau of Statistics  
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מדינת ישראל  
STATE OF ISRAEL

# THE AGRICULTURAL CENSUS 2017

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Jerusalem, April 2024



## Preface

The Central Bureau of Statistics (CBS) is pleased to present to the public a selection of data from the Agricultural Census 2017. The data were collected in 2018–2019. This was the fourth agricultural census conducted in the State of Israel. Previous agricultural censuses were conducted in the years 1949–1950, 1971, and 1981. Additionally, a comprehensive survey was conducted in 1995. Thus, there has not been a comprehensive agricultural census in Israel for close to 40 years.

The Agricultural Census is intended to provide an up-to-date and reliable snapshot of agriculture and the structure of the agricultural farm in Israel following the changes that have taken place in agriculture in recent decades. Its planning was by a steering committee that included representatives from government ministries, academia, and the farmers' organizations.

The steering committee that advised the census selected the topics to be investigated, relying on international requirements, previous censuses and surveys, as well as the needs of consumers of information on agricultural statistics in Israel.

The topics of investigation included information about the agricultural areas, how they are cultivated, water usage, and the use of other inputs in agriculture, such as labour, fertilizers, and pesticides; information on the types of crops and cultivation methods; characterization of the structure of the agricultural farms; and describing their economic activity.

The findings of the Census are intended to provide a comprehensive picture of various aspects of the agricultural sector in Israel: detailed information on agricultural farms, including the number of active agricultural farms in Israel by type of activity, and estimating the sizes of agricultural areas and livestock farms. The Census findings will also be used in the creation of a database for surveys on various topics: use of pesticides and fertilizers by type of crop, soil conservation, etc. In addition, the Census findings will serve in improving knowledge for agricultural research purposes, and in adapting the work of the CBS to accepted international standards.

The Census population included all agricultural farms throughout the country that produced agricultural output in 2017: kibbutzim and collective moshavim; private agricultural farms on moshavim, in other agricultural localities, and in urban localities in the Jewish sector; private farms in the Arab sector; agricultural companies; individual private farms; and agricultural schools.

The Census covered the agricultural activities of crops, livestock, and aquaculture. The enumeration frame was based on the integration of information from a variety of sources, including the Ministry of Agriculture, farmers' organizations, water associations, and the CBS's Business Register.

The Agricultural Census 2017 was conducted using the classical census approach. Because no register of farmers existed in Israel before the census, and the most recent census was conducted in 1981, the approach was to collect all available farm lists from all available sources and merge them into a comprehensive census

framework. The data were collected through integration of sources, including the Internet, telephone and face-to-face interviews.

Our thanks are extended to all those who helped the CBS during this complex project, first and foremost to the members of the steering committee, headed by Prof. Eyal Kimchi, who advised the Census project from the planning stages to the end of the enumeration. Thanks are also extended to the farmers' organizations for their support and help with dissemination of the information, as well as to the owners of the agricultural farms, who dedicated their time and provided the required data.

In addition, the CBS is grateful to Professor Danny Pfefferman, the former National Statistician; to Tali Tal, former director of the Senior Department of Infrastructure-Economic Statistics; and to the dedicated employees who took part in the work on the Census, from these units: the Senior Department of Surveys, including the headquarters units and the telephone and field interviewers; the Senior Department of Statistical Methodology; the Senior Department of Information Technology; and the Media Relations and Communications Department.

Special thanks to the staff of the Agriculture, Environment, and Energy Senior Sector in the Senior Department of Infrastructure-Economic Statistics, headed by Dr. Moshe Yanai, who initiated, mentored, and facilitated all stages of the Census.

This publication appears at the beginning of 2024. In recent months, agricultural farms in Israel have been facing many difficulties arising from the security situation.

The Agricultural Census underlines the great value of the agriculture industry in Israel and its contribution to the country over the years.

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# **INTRODUCTION**



# Introduction

## A. General

The agriculture industry includes a variety of activities designed to produce food, fodder, fibre, and other products through the raising of plants and livestock. This industry is of enormous importance to the Israeli economy; about a fifth of the country's land area is defined as agricultural, and more than half of the water supplied in the country is used for agriculture. Most of the dairy products, chicken and turkey meat, vegetables and fruits sold in the markets are from local agricultural produce. In addition, agricultural activity creates jobs in the Trade and Services industries.

In 2019, the Central Bureau of Statistics (CBS) completed data collection for the national Agricultural Census 2017. This occurred after almost 40 years in which no agriculture census was held in Israel (the last was held in 1981 and a comprehensive survey was conducted in 1995). The census is intended to provide an up-to-date picture of agriculture and the structure of the agricultural farm in Israel following the changes that have taken place in agriculture in recent decades. Its planning was advised by a steering committee that included representatives from government ministries, academia, and the farmers' organizations.

The Census population included all farms that raised agricultural produce in 2017, including crops, livestock, and aquaculture. The enumeration frame was based on the integration of information from a variety of sources, including the Ministry of Agriculture and Rural Development, farmers' organizations, water associations, and the CBS's Business Register.

The first stage of creating the enumeration frame consisted of mapping all the active and inactive agricultural farms in Israel, about 25,700 in total. In the second stage, all agricultural farms that were mapped were enumerated, including kibbutzim, moshavim (ovdim), private farms and agricultural companies. The response rate in the census was 91%: 5% of respondents answered online, 80% by phone and 15% in in-person interviews.

The agricultural farms were enumerated individually, with the exception of the Druze farms of the Golan Heights, which were enumerated collectively through their water associations. Therefore, in the 2017 Census individual information was not collected about the activity on these farms.

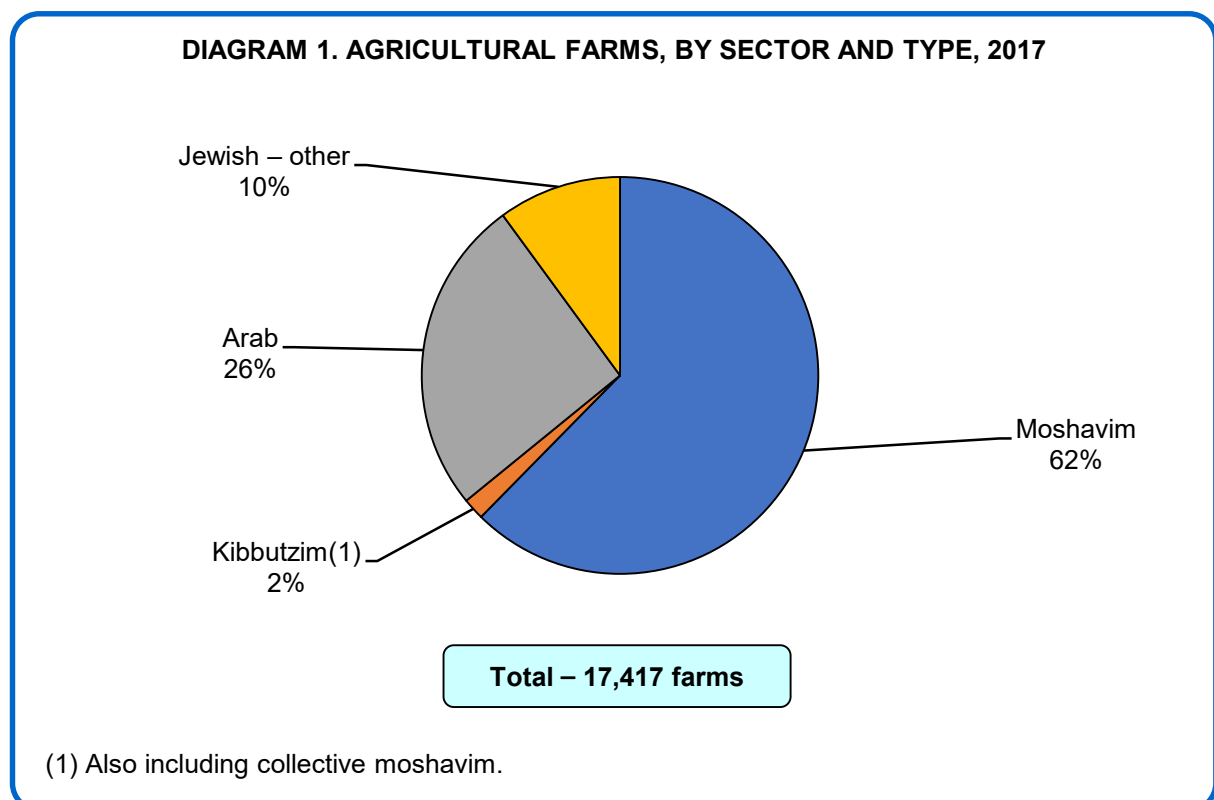
## B. Main Findings

### 1. Characteristics of Agricultural Farms

#### 1.1 Number of Agricultural Farms

The number of farms that raised crops was 12,500. Of these, 8,528 farms had plantations, including citrus; 3,055 grew vegetables and spices; and 2,422 field crops. The number of agricultural farms that raised livestock was 5,319: 2,459 farms raised poultry, 1,658 cattle, 1,131 sheep and goats, 306 bees, 116 engaged in aquaculture, 16 raised pigs, and 266 raised other types of animals. **The number of farms by type does not add up to the total because many of them were engaged in more than one industry.**

In 2017, there were 17,417 active agricultural farms: 62% of them in moshavim (10,863), 26% (4,497) in the Arab sector (including Druze farms of the Golan Heights), 10% (1,750) private farms outside the moshavim (including companies), and 2% (307) on kibbutzim and collective moshavim.



The number of agricultural farms decreased by 61% compared with 1981 and by 32% compared with 1995. The most substantial decrease was in the number of farms on moshavim, a decrease of 35% compared with 1995. In the previous censuses and survey, a size threshold was set for an agricultural farm, and farms that were below it were not included. In the current census, no minimum size threshold was set.

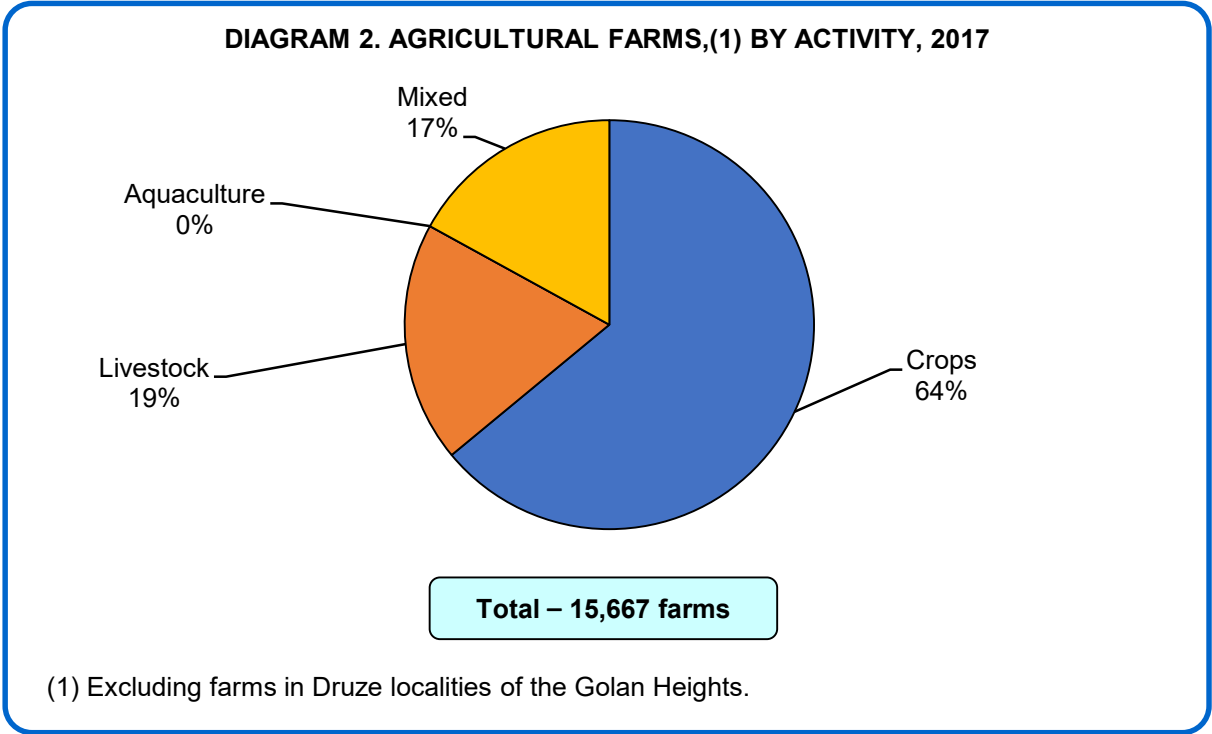
Therefore, the actual decrease in the number of farms is apparently even greater than what is shown.

**Table A. Agricultural Farms – Comparison With the Previous Censuses and Survey**

Sector and type of farm	2017 Census	1995 Survey	1981 Census	1971 Census
<b>Total</b>	<b>17,417</b>	<b>25,434</b>	<b>44,390</b>	<b>34,882</b>
Jewish sector:				
Private farms, <sup>(1)</sup> including on moshavim	12,613	19,304	28,728	24,600
Kibbutzim and collective moshavim	307	313	307	282
Arab sector	4,497	5,817	14,355	10,000

(1) Including companies, agricultural schools, and individual private farms.

Of the agricultural farms, 64% (10,016) grew crops **only**. About 18% (2,890) raised livestock **only**, and 17% (2,616) were **mixed farms**, the vast majority of which raised livestock and crops. About 40 agricultural farms engaged **exclusively** in aquaculture, and in total about 116 farms engaged in it. The analysis of the distribution did not include the Druze farms of the Golan Heights, which were enumerated collectively through their water associations, and therefore the Census did not collect individual information about their activities. Also, 105 farms that did not report defined agricultural activity, about 1% of the total, were not included.



Most agricultural farms were in the moshavim (62%), and 26% were in the Arab sector. Of the farms, 9,380 (54%) were in Haifa and the Northern districts, of which 3,984 were in the Arab sector.

## 1.2 Age of Respondents to the Agricultural Census

The average age of the respondents to the Census was 59. This variable refers to the respondents themselves and not necessarily to the farm owners, although in most cases the respondents in private farms were also the farm owners. In the division by type of farm, the highest average age, 60, was that of owners of moshavim and private farms. In contrast, for kibbutzim and collective moshavim the average age was slightly lower, 55, and in the Arab sector even lower, 53.

## 2. Crops

### 2.1 Number of Agricultural Farms

Crops were raised on 12,500 farms. Most of these farms were engaged in growing plantations, including citrus (8,528), vegetables and spices (3,055), and field crops (2,422). The largest number of farms was concentrated on moshavim, although there was also a substantial amount of agricultural activity on kibbutzim, each of which was counted as only one farm.

**Table B. Agricultural Crop Farms,<sup>(1)</sup> by Sector and Type, and by Crop Group, 2017**

Sector and type of farm	Total <sup>(2)</sup>	Field crops	Vegetables and spices	Plantations, excl. citrus	Citrus	Flowers and garden (ornamental) plants
<b>Agricultural farms – total</b>	<b>12,500</b>	<b>2,422</b>	<b>3,055</b>	<b>7,362</b>	<b>2,022</b>	<b>949</b>
Kibbutzim and collective moshavim	304	244	200	242	109	26
Moshavim	8,790	1,740	2,123	4,786	1,595	745
Jewish sector – other	1,529	215	342	936	289	148
Arab sector	1,877	223	390	1,398	29	30

(1) Not including the farms in the Druze villages of the Golan Heights, which were enumerated collectively through the water associations.

(2) Including duplications – farms that grow more than one crop.

## 2.2 Areas of Agricultural Farms

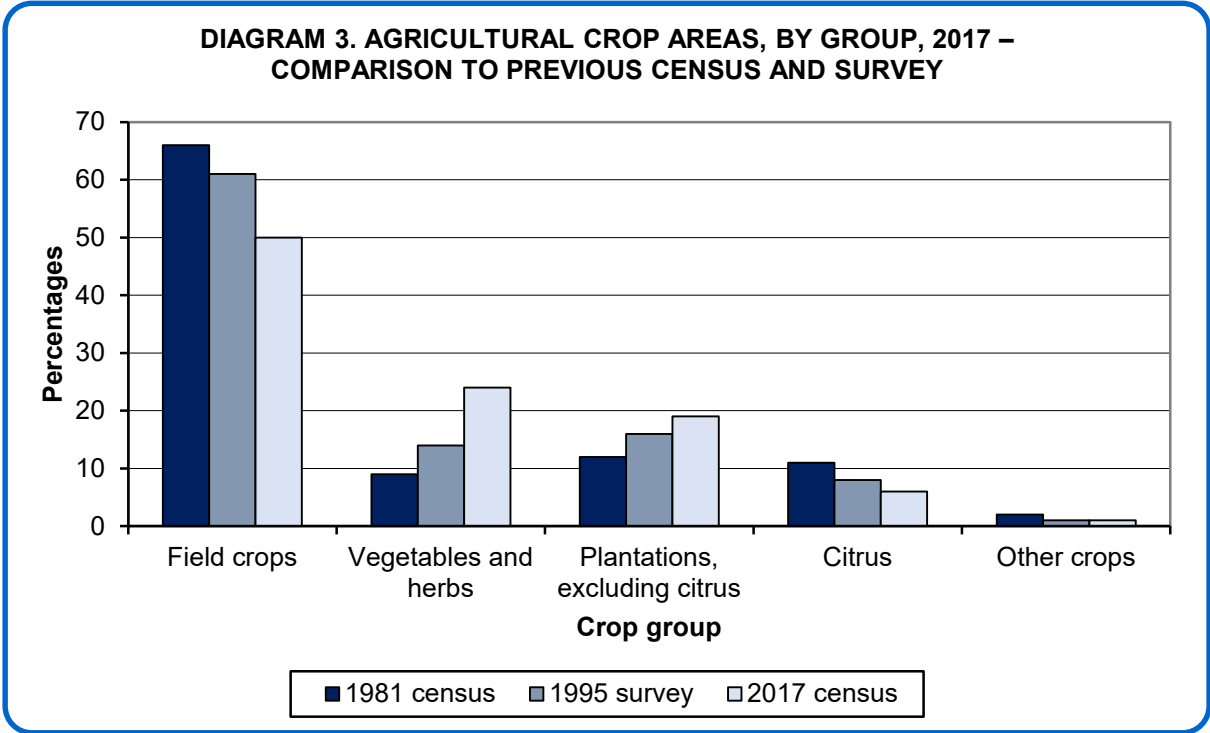
The total agricultural farm area, including uncultivated and operational parts, was about 3.85 million dunams in 2017, compared with 3.61 million dunams in 1995. The total cultivated (physical) area was about 3.48 million dunams in 2017 (3.14 million dunams in 1995). The total area of crops was 3.54 million dunams. This area is greater than the cultivated physical area because it includes duplications as a result of areas that were farmed using the multi-crop method, that is, those that were used for more than one crop in the reference year.

**Table C. Summary of Agricultural Areas, 2017**

	Total area (thousand dunams)
Agricultural farm area	3,846
Cultivated area (physical)	3,480
Crop area <sup>(1)</sup> (incl. multi-crop method)	3,543

(1) Including partial olive plantation areas; areas were missing in the Census, mainly in the Arab sector.

In 2017, about 50% of the plant crop area was used for field crops, 24% for vegetables and spices, 19% for plantations (excluding citrus), 6% for citrus, and 1% for flowers and garden plants. Compared to previous years, the proportion of vegetables and spices and plantations (excluding citrus) increased, and the proportion of field crops and citrus decreased.



The average agricultural farm area was 327 dunams. The average private farm area (in the Jewish and Arab sectors, including on moshavim) was 193 dunams, compared to an average area of 4,811 dunams on the kibbutzim. About 80% of the agricultural farm area was on kibbutzim and moshavim, about 50% of the vegetable and spice area was on moshavim, and about 50% of field crop area was on kibbutzim. The kibbutzim and moshavim had similar plantation areas; most of the area for growing citrus and flowers and garden plants was on moshavim.

**Table D. Agricultural Crop Areas,<sup>(1)</sup> by Sector, Type of Farm, and Group (thousand dunams),<sup>(2)</sup> 2017**

Sector and type of farm	Grand total	Field crops	Vegetables and spices	Plantations, excl. citrus	Citrus	Flowers and garden plants
<b>Total</b>	<b>3,433</b>	<b>1,752</b>	<b>855</b>	<b>579</b>	<b>196</b>	<b>50</b>
Kibbutzim and collective moshavim	1,447	888	291	224	40	5
Moshavim	1,258	480	436	220	92	31
Jewish sector – other	557	275	107	108	61	6
Arab sector	171	110	22	27	3	9

(1) Including duplications resulting from multi-crop areas.

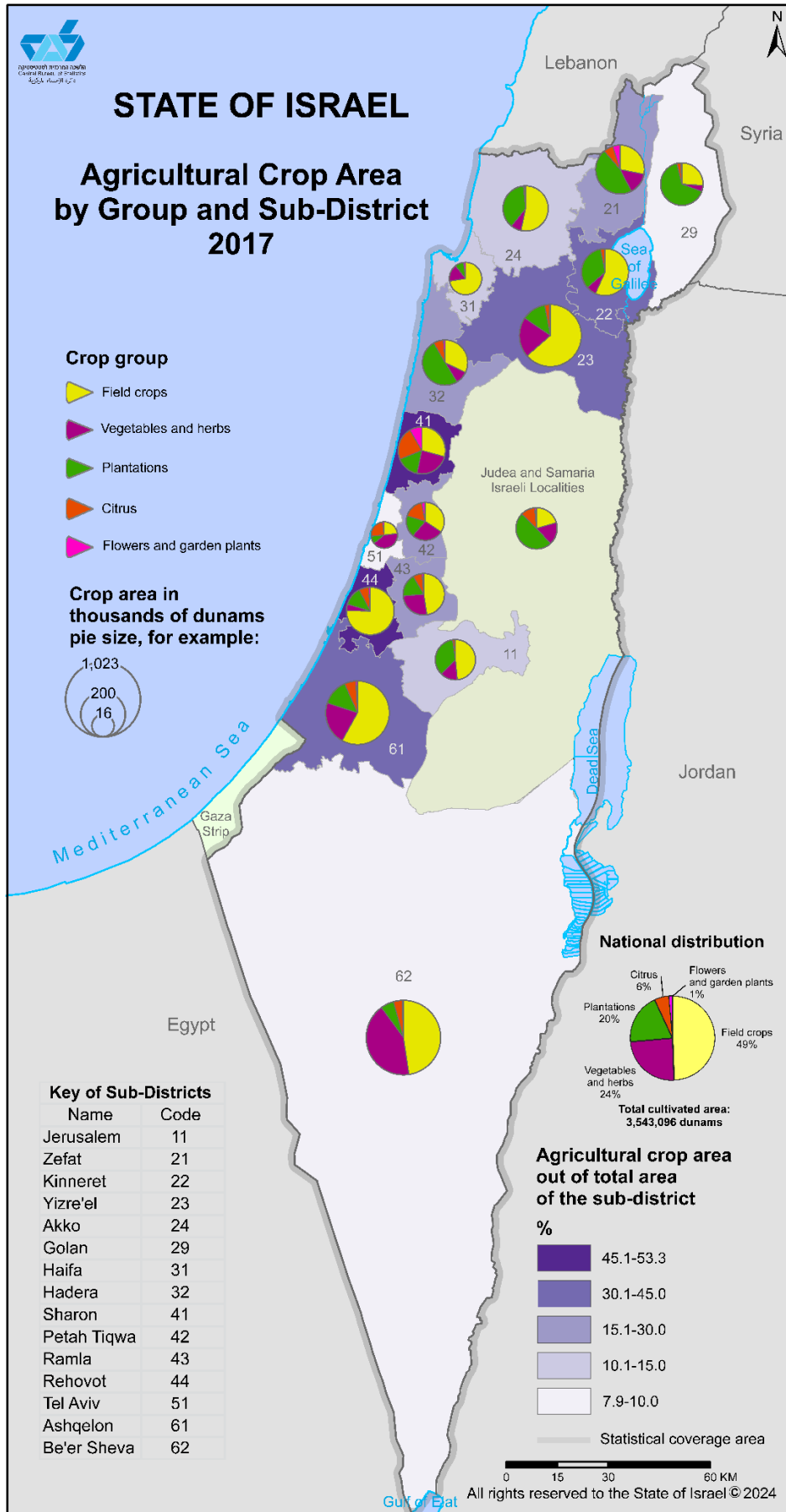
(2) Excluding area of olive plantations.

The most common method of growing all the types of crops was the 'open area' method. About 94% of the crop area was open (3.2 million dunams). This was followed by relatively small areas of shade houses and greenhouses (92,000 and 66,000 dunams, respectively), mainly for vegetables and plantations excluding citrus. The crop areas under covering net and tunnels (mainly for vegetables and plantations) were even smaller.

**Table E. Cultivated Agricultural Areas, by Crop Group and Cultivation Method  
(thousand dunams), 2017**

Crop group	Total	Open area	Shade house	Green-house	Covering net	Tunnel
<b>Total</b>	<b>3,433.3</b>	<b>3,224.5</b>	<b>91.9</b>	<b>66.1</b>	<b>23.3</b>	<b>27.6</b>
Field crops	1,751.9	1,751.6	..	-	-	..
Citrus	196.5	194.3	..	0.1	0.7	..
Vegetables	855.3	738.3	41.0	51.0	1.8	23.1
Plantations, excl. citrus	579.3	512.3	39.5	4.2	20.2	3.1
Flowers and garden plants	50.3	27.9	9.9	10.7	0.6	1.2

**Map 1. Agricultural Crop Area, by Group and Sub-District, 2017**



### 3. Irrigation, Pest Control, Fertilization, and Soil Conservation

#### 3.1 Irrigation

Most of the farms irrigate using drinking water. Of the salinated water irrigation, 79% takes place in the Jerusalem and Southern Districts, and 70% of the flood water irrigation and 81% of the rainfed irrigation takes place in the Haifa and Northern Districts.

**Table F. Irrigation on Agricultural Farms, by Type of Water<sup>(1)</sup> and by District, 2017**

Farms (absolute numbers)

District	Drinking water	Effluents	DRWTP (Shafdan) water <sup>(2)</sup>	Salinated water	Flood water	Rainfed irrigation
<b>Total</b>	<b>7,541</b>	<b>2,820</b>	<b>1,052</b>	<b>657</b>	<b>427</b>	<b>3,641</b>
Haifa and Northern Districts	2,903	1,644	-	72	297	2,394
Tel Aviv and Central Districts	2,597	612	85	48	56	578
Jerusalem and Southern Districts	1,743	403	967	516	59	639
Judea and Samaria Area <sup>(3)</sup>	298	161	-	21	15	30

(1) Some farms use more than one type of water.

(2) A system for wastewater treatment of the Dan Region and effluent reclamation.

(3) Israeli localities.

The most common type of irrigation used was drip irrigation. Of total drip irrigation, 76% took place on the moshavim, as well as 72% of spraying/sprinkling. Arab farms accounted for 36% of the rainfed irrigation.

**Table G. Irrigation on Agricultural Farms, by Type, Sector, and Type of Farm,<sup>(1)</sup> 2017**

Farms (absolute numbers)

Sector and type of farm	Drip	Spraying/ sprinkling	Centre pivot	Rainfed irrigation
<b>Total</b>	<b>9,409</b>	<b>1,836</b>	..	<b>3,641</b>
Moshavim	7,190	1,321	68	1,879
Kibbutzim <sup>(2)</sup>	297	126	..	192
Jewish sector – other	1,227	257	..	237
Arab sector	695	132	..	1,297

(1) Some farms use more than one type of irrigation.

(2) Also including collective moshavim.

### **3.2 Use of Pesticides and Fertilizers**

About 81% of the agricultural farms that grew crops used pesticides of various types.<sup>1</sup> About 68% of the farms used herbicides, about 52% used insecticides and about 37% fungicides and bactericides. About 15% of the farms used biological pest control and about 19% did not use pesticides at all. Pesticides were used on farms that constituted about 95% of the total cultivated area. Biological control was used in farms that constituted about 31% of the total cultivated area. No pest control at all was used in only about 5% of the total cultivated area. Note that there is no exact information on actual use, but only on the potential for use.

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<sup>1</sup> The calculation includes the farms in Druze villages of the Golan Heights at the locality level.

**Table H. Pest Control, by Type,<sup>(1)</sup> Number of Farms, and Cultivated Area  
(thousand dunams), 2017**

Pesticide	Number of farms <sup>(2)</sup>	Cultivated area
<b>Using pesticides – total</b>	<b>10,274</b>	<b>3,315</b>
Herbicides	8,585	3,119
Insecticides (aphids, acarids, etc.)	6,632	2,754
Fungicides and bactericides	4,734	2,214
Rodenticides	2,605	1,305
Biological pest control (barn owls, etc.)	1,833	1,088
Fumigants (soil disinfection)	1,766	1,043
Other pest control	529	120
<b>No use of pesticides</b>	<b>2,367</b>	<b>171</b>

(1) Some of the farms use more than one type of pesticide.

(2) The data for the Druze farms of the Golan Heights are presented at the locality level.

Similar to the case for pesticides, about 84% of the farms that grew crops used fertilizers of various types, compared to 16% of the farms that did not use them. Chemical (mineral) fertilizers were used on 68% of the farms, about 31% used organic fertilizers such as compost, and about 13% animal manure (40% of these farms also manufactured animal products). Some type of fertilizer was used on 95% of the cultivated agricultural area.

**Table I. Fertilizers, by Number of Farms and Cultivated Area (thousand  
dunams),<sup>(1)</sup> 2017**

Fertilizer	Number of farms <sup>(2)</sup>	Cultivated area
<b>Using fertilizers – total</b>	<b>10,605</b>	<b>3,330</b>
Chemical fertilizers (minerals)	8,569	3,067
Organic fertilizers (incl. compost)	3,931	2,071
Animal manure	1,700	1,175
Effluents	349	349
Other fertilizer	371	69
<b>No use of fertilizers</b>	<b>2,036</b>	<b>156</b>

(1) Some farms use more than one type of fertilizer.

(2) The data for the Druze farms of the Golan Heights are presented at the locality level.

Soil conservation activity was examined for agricultural farms that grew plantations (including citrus) and field crops. Of the farms, 1,684 reported some soil conservation activity, 6,176 reported no such activity, and 1,118 did not respond to this question. Of the farms that carried out soil conservation activity, 1,105 carried out activity in plantations, 305 in field crops, and 274 in both field crops and plantations. About half of the kibbutzim reported soil conservation activity, whereas about 16% of the moshavim farms did.

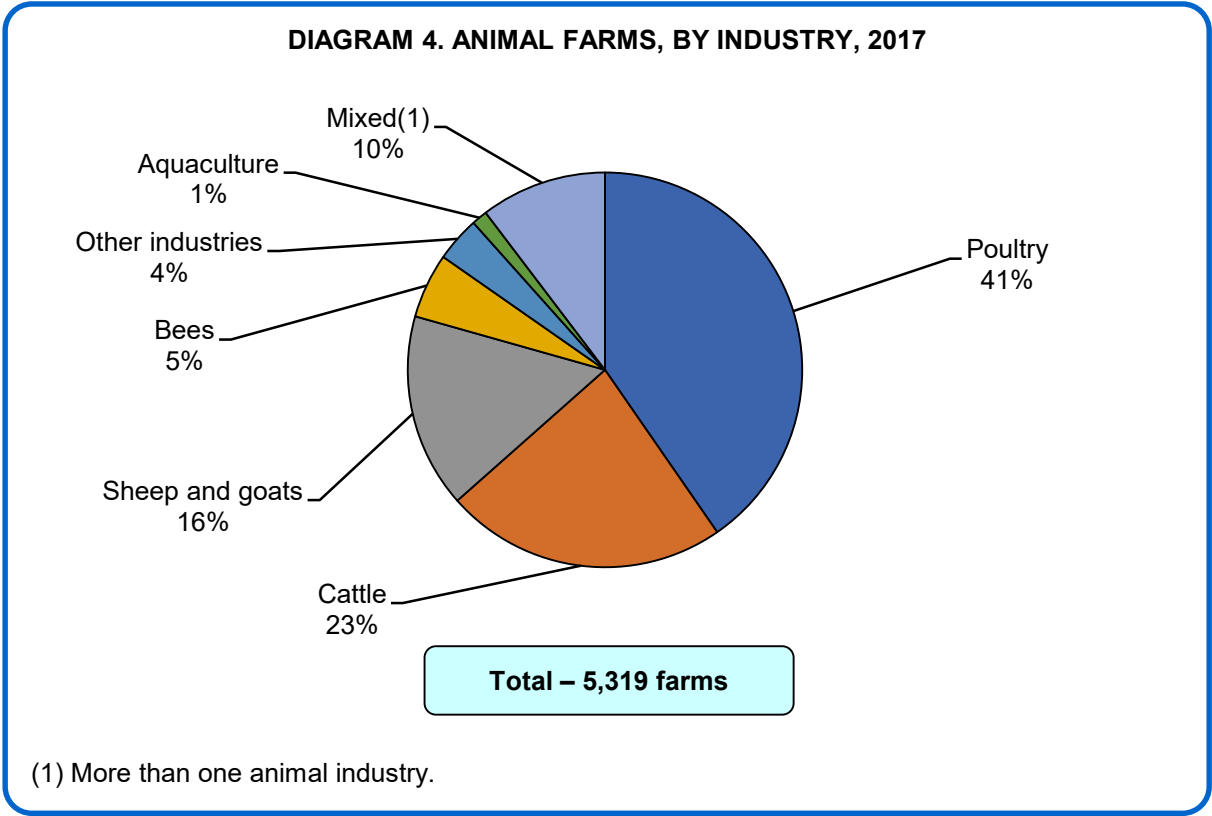
**4. Animals**

**4.1 Agricultural Farms, by Industry**

Animals were raised on 5,319 agricultural farms. By industry, 2,459 of them raised poultry, 1,658 cattle, 1,131 sheep, 306 engaged in beekeeping, 16 raised pigs, 116 engaged in aquaculture, and 267 raised other animals. The numbers of farms by type of livestock do not sum up to the total number of farms since most are engaged in more than one industry.

On 84.6% of these farms, one type of animals was raised. Two types were raised on 12.6%, and three or more on 2.8% of the farms.

Based on examination of the agricultural activity of the animal farms mentioned above, it was found that 55% raised animals **only** (including aquaculture) and 45% also grew crops.



## 4.2 Animal Farms, by Type

In 2017, out of a total of 15,667 agricultural farms, 5,319 raised animals. Of these farms, 3,664 were on workers' moshavim, 958 were in the Arab sector,<sup>2</sup> 426 were private farms and companies in the Jewish sector (outside the moshavim), and 271 were kibbutzim and collective moshavim. Similar to the case for crop agriculture, animal farms were mainly concentrated in the Haifa and Northern Districts. Of the animal farms, 62% were in these districts, 21% in the Jerusalem and Southern Districts, and 15% in the Tel Aviv and Central Districts.

**Table J. Animal Farms, by District, Sector, and Type, 2017**

District	Farms - total	Jewish sector			Arab sector
		Kibbutzim <sup>(1)</sup>	Moshavim	Other farms	
<b>Total</b>	<b>5,319</b>	<b>278</b>	<b>3,664</b>	<b>419</b>	<b>958</b>
Haifa and Northern Districts	3,306	165	2,248	158	735
Tel Aviv and Central Districts	813	30	606	135	42
Jerusalem and Southern Districts	1,109	70	783	75	181
Judea and Samaria Area <sup>(2)</sup>	91	13	27	51	-

(1) Also including collective moshavim.

(2) Israeli localities.

## 4.3 Poultry Industry

At the end of 2017, 2,459 farms were active in the poultry industry, raising 56,625,000 poultry. Of the farms, 1,512 were laying farms, including 9,936,000 laying hens.

- There were 482 broiler farms and 43,011,000 broilers (there are 3–5 breeding cycles per year).
- There were 93 farms that raised turkeys for meat, including 3,678,000 turkeys (there are 2–4 breeding cycles per year).
- There were 433 breeding farms that raised chicks for laying farms, broiler farms, and turkey farms.<sup>3</sup>

<sup>2</sup> The count in Druze farms of the Golan Heights was performed at the locality level.

<sup>3</sup> To prevent duplicate counting, the number of chicks was not specified because it is included in the number of mature poultry.

Compared to the 1981 Agriculture Census, the total number of poultry farms decreased by 76%. The number of laying farms decreased by 62%, while the number of laying hens increased by 56%. The number of broiler farms decreased by 86% and the number of broilers by 39%. The number of turkey farms decreased by 92% and the number of turkeys by 24%.

**Table K. The Poultry Industry, 2017 – Comparison With the Previous Censuses and Survey**

Group	2017 Census	1995 Survey	1981 Census	1971 Census
<b>Number of poultry, thousands<sup>(1)</sup></b>	<b>56,625</b>	<b>120,130</b>	<b>81,939</b>	<b>57,384</b>
Poultry – total <sup>(2)</sup> laying	9,936	7,015	6,374	5,821
Broilers	43,011	92,750	70,711	47,041
Turkeys for meat	3,678	9,074	4,854	2,581
<b>Number of farms<sup>(2)</sup></b>	<b>2,064</b>	<b>5,430</b>	<b>8,677</b>	<b>8,677</b>
Poultry – total <sup>(3)</sup> laying	1,512	3,645	3,994	7,000
Broilers	482	1,562	3,500	6,500
Turkeys for meat	93	349	1,138	1,250

- (1) The livestock inventory in the 2017 Census and the 1995 Survey refer to the end of the year. In previous censuses, the inventory refers to April of the census year.
- (2) For the purpose of the comparison and to prevent duplicate counting, the 2017 data do not include the number of poultry for breeding and the number of poultry farms for breeding (chicks).
- (3) Not including duplications – farms with more than one branch.

Of the poultry farms, 70% were in the Haifa and Northern Districts and 16% in the Jerusalem and Southern districts. The broilers branch was the largest, constituting 76% of the total number of poultry. The Haifa and Northern Districts accounted for 56% of the turkeys for meat and 52% of the laying hens. The Jerusalem and Southern Districts accounted for 39% of the broilers, and the Tel Aviv and Central Districts for 30% of the laying hens.

**Table L. Farms and Heads of Poultry, by Branch and District, 2017**

Absolute numbers

District	Total <sup>(1)</sup>	Haifa and Northern Districts	Tel Aviv and Central Districts	Jerusalem and Southern Districts	Judea and Samaria Area <sup>(2)</sup>
<b>Thousands of poultry heads – total<sup>(3)</sup></b>	<b>56,625</b>	<b>29,147</b>	<b>7,934</b>	<b>18,622</b>	<b>922</b>
Broilers	43,011	21,875	4,058	16,372	707
Turkeys	3,678	2,070	922	624	62
Laying hens	9,936	5,202	2,955	1,626	153
<b>Number of poultry farms – total</b>	<b>2,459</b>	<b>1,724</b>	<b>319</b>	<b>385</b>	<b>31</b>
Broilers	482	291	58	125	8
Turkeys	93	50	22	18	3
Laying hens	1,512	1,144	179	180	9
Breeding (chicks)	433	270	80	72	11

(1) Not including duplications – farms with more than one branch.

(2) Israeli localities.

(3) To avoid duplicate counting, the chicks are not counted, because they are included in the number of mature poultry.

Most of the poultry farming took place in the moshavim (87%), and most of the farms were concentrated in the Haifa and Northern Districts (70%).

**Table M. Poultry Farms, by District, Sector, and Type, 2017**

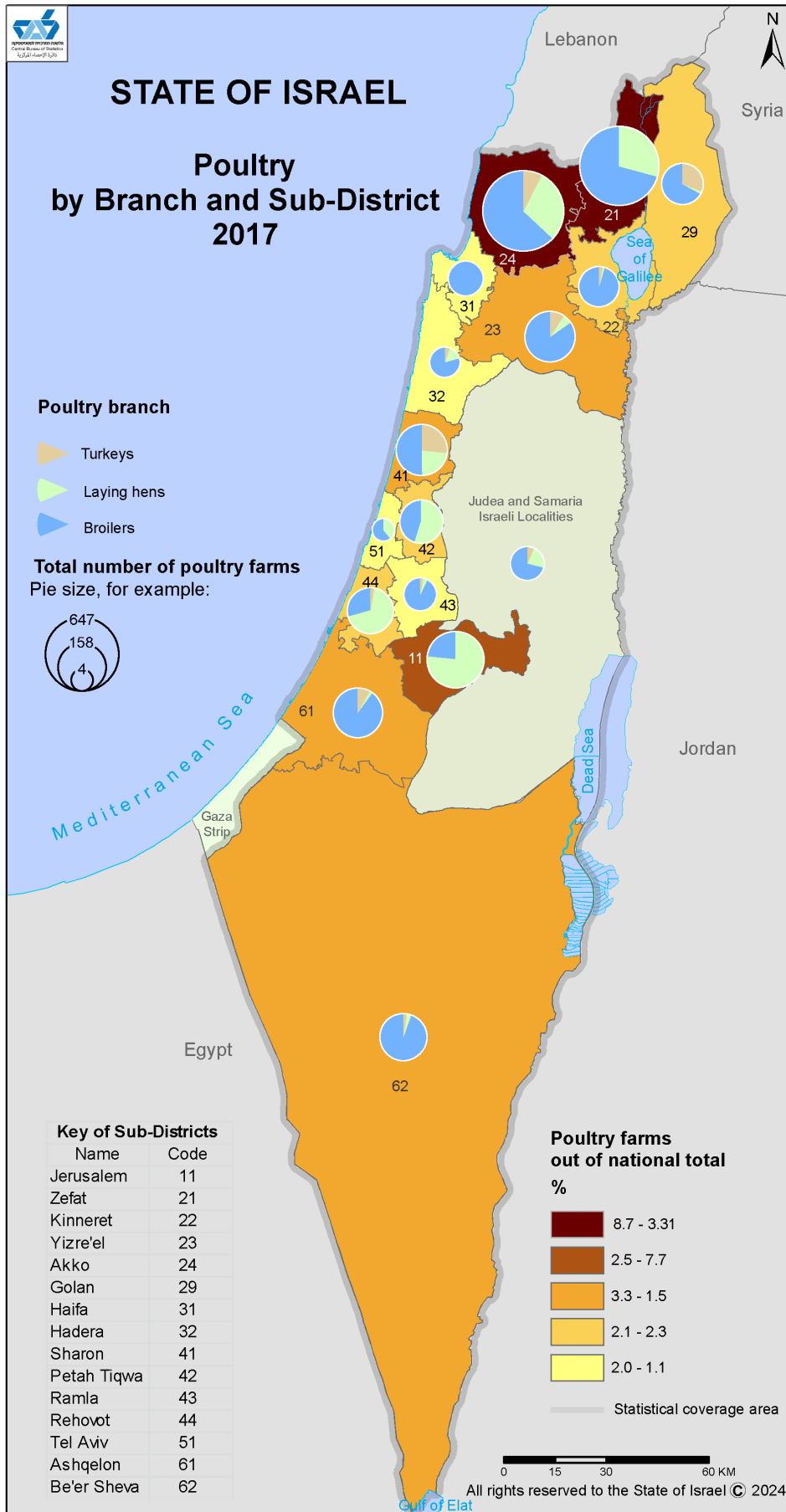
Absolute numbers

District	Total <sup>(1)</sup>	Jewish sector			Arab sector
		Kibbutzim	Moshavim	Other farms	
<b>Grand total</b>	<b>2,459</b>	<b>177</b>	<b>2,150</b>	<b>90</b>	<b>42</b>
Haifa and Northern Districts	1,724	121	1,552	20	31
Tel Aviv and Central Districts	319	11	253	50	5
Jerusalem and Southern Districts	385	36	334	9	6
Judea and Samaria Area <sup>(2)</sup>	31	9	11	11	

(1) Not including duplications – farms with more than one branch.

(2) Israeli localities.

Map 2. Poultry, by Branch and Sub-District, 2017



#### 4.4 Cattle Industry

At the end of 2017, 1,658 farms<sup>4</sup> were active in the cattle industry, raising 476,785 heads of cattle. There were:

- 908 dairy cattle farms (including partnerships) that raised 171,359 cows and female calves.
- 926 meat cattle farms that raised 305,426 heads of cattle (including cows, male calves and feed lot).

Compared to the 1981 Agriculture Census, the number of heads of cattle increased by 63%, while the number of cattle farms decreased by 63%. There was a 61% decrease in the number of dairy cattle farms and a 20% decrease in the number of cows. There was a 5% decrease in the number of meat cattle farms, while there was a 381% increase in the number of heads of meat cattle (due to cattle imports).

**Table N. Cattle Industry, 2017 – Comparison With the Previous Censuses and Survey**

Branch	2017 Census	1995 Survey	1981 Census	1971 Census
<b>Heads (end of year)</b>				
<b>Cattle – total</b>	<b>476,785</b>	<b>339,119</b>	<b>291,798</b>	-
Dairy cattle	171,359	204,194	214,163	185,000
Meat cattle	305,426	77,022	63,458	50,000
<b>Number of farms</b>				
<b>Cattle – total</b>	<b>1,658</b>	<b>1,956</b>	<b>4,436</b>	-
Dairy cattle	908	3,293	2,335	-
Meat cattle	926	638	972	1,970

Of the cattle farms, 59% were on moshavim, 24% in the Arab sector, and 12% on kibbutzim. Of the farms, 64% were concentrated in the Haifa and Northern Districts; 49% were on moshavim and 34% in the Arab sector; 78% and 74% of the cattle farms in the Jerusalem and Southern Districts, and in the Tel Aviv and Central Districts, respectively, were on moshavim.

<sup>4</sup> Not including duplications – farms with more than one group.

**Table O. Cattle Farms, by District, Sector, and Type, 2017**

District	Total	Jewish sector			Arab sector
		Kibbutzim <sup>(1)</sup>	Moshavim	Other farms	
<b>Total</b>	<b>1,658</b>	<b>206</b>	<b>970</b>	<b>86</b>	<b>396</b>
Haifa and Northern Districts	1,059	116	521	61	361
Tel Aviv and Central Districts	188	24	140	13	11
Jerusalem and Southern Districts	394	56	306	8	24
Judea and Samaria Area <sup>(2)</sup>	17	10	3	4	

(1) Also including collective moshavim.

(2) Israeli localities.

Of the total meat cattle farms, 76% were in Haifa and the Northern Districts, as were 86% of the cows-for-meat farms and 71% of feed lot farms. In terms of the number of heads of cattle, the feed-lot branch was the largest, with about 50% of it in Haifa and the Northern Districts.

**Table P. Farms and Heads of Meat Cattle, by Branch and District, 2017**

Absolute numbers

District	Total	Haifa and Northern Districts	Tel Aviv and Central Districts	Jerusalem and Southern Districts	Judea and Samaria Area <sup>(1)</sup>
<b>Thousands of heads – total</b>	<b>305</b>	<b>168</b>	<b>25</b>	<b>109</b>	<b>3</b>
Cows for meat	..	44	2	6	..
Feed lot	..	125	23	104	..
<b>Number of farms – total</b>	<b>926</b>	<b>701</b>	<b>73</b>	<b>148</b>	<b>4</b>
Cows for meat	351	301	11	39	..
Feed lot	618	437	65	116	..

(1) Israeli localities.

Half of the cows and female calves for milk were raised in the Haifa and Northern Districts, and 31% of the cows and 25% of the female calves were raised in the Jerusalem and Southern Districts. Nearly 50% of the dairy cattle farms were in the Haifa and Northern Districts, and 34% in the Jerusalem and Southern Districts.

**Table Q. Farms and Heads of Dairy Cattle, by Branch and District, 2017**

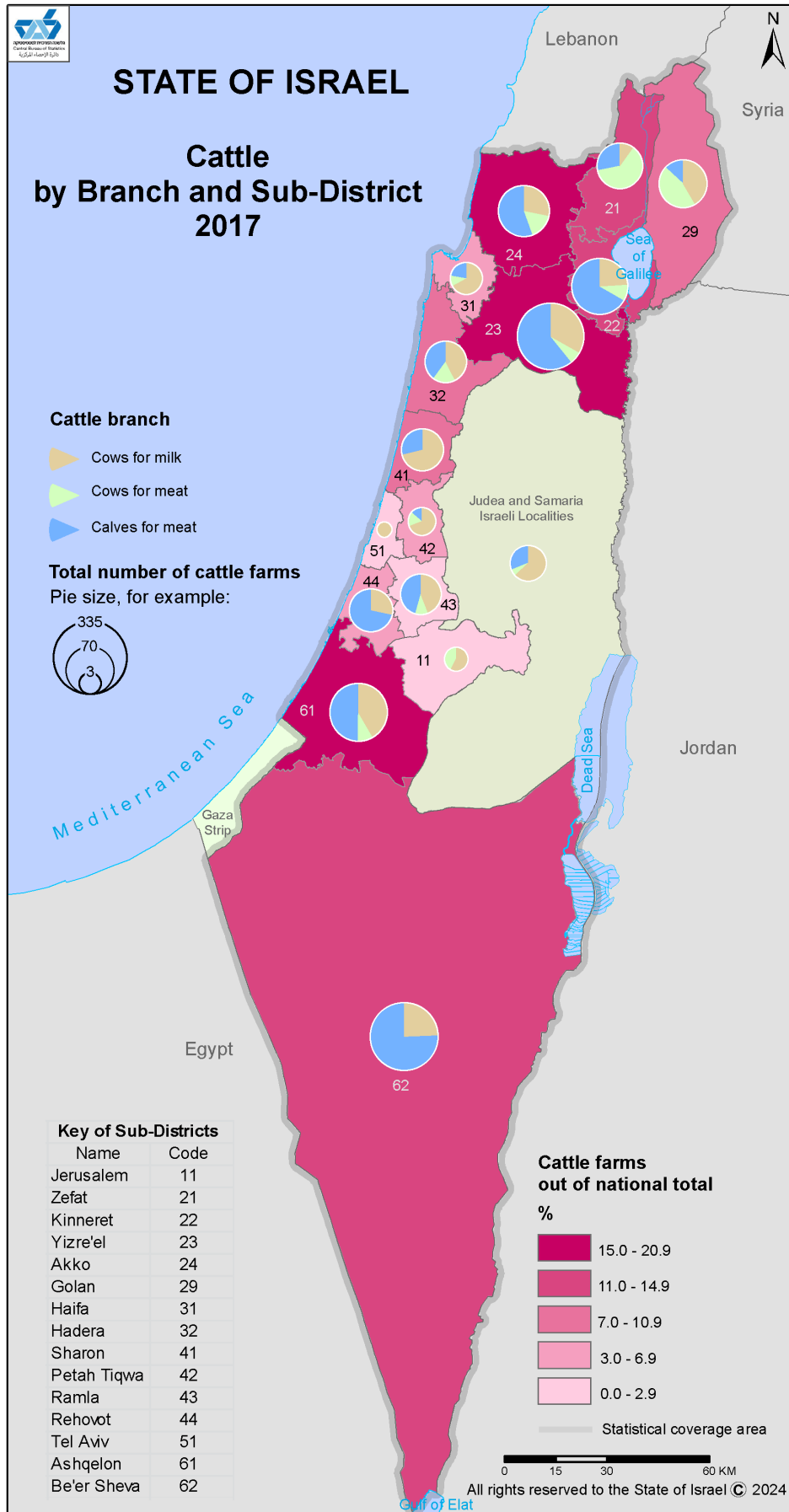
Absolute numbers

District	Total <sup>(1)</sup>	Haifa and Northern Districts	Tel Aviv and Central Districts	Jerusalem and Southern Districts	Judea and Samaria Area <sup>(2)</sup>
<b>Thousands of heads</b>					
<b>Dairy Cattle – total</b>	<b>171</b>	<b>86</b>	<b>27</b>	<b>52</b>	<b>6</b>
Cows	144	71	22	45	5
Female calves	28	14	6	7	1
<b>Number of farms</b>					
<b>Dairy Cattle – total</b>	<b>908</b>	<b>453</b>	<b>134</b>	<b>308</b>	<b>13</b>
Cows	866	436	127	290	13
Female calves	206	112	32	59	3

(1) Including duplications – farms with more than one branch.

(2) Israeli localities.

**Map 3. Cattle, by Branch and Sub-District, 2017**



## 4.5 Sheep and Goat Industry

At the end of 2017, 1,131<sup>5</sup> farms operated in the industry (not including Bedouin outside localities in the South) that raised 510,689 adult heads of sheep:

- 823 farms raised 437,629 meat sheep.
- 185 farms raised 38,541 dairy sheep.
- 164 farms raised 34,519 dairy goats.

Compared to the 1981 agricultural census, the number of meat and dairy sheep farms decreased by 70% and the number of heads increased by about 200%. During the same period, the number of dairy goat farms decreased by 95% and the number of heads by 38%.

**Table R. Sheep and Goat Industry, 2017 – Comparison With the Previous Censuses and Survey**

Branch	2017 Census	1995 Survey	1981 Census	1971 Census
<b>Heads (end of year)</b>				
<b>Sheep and goats – total</b>	<b>510,689</b>	<b>304,892</b>	<b>216,363</b>	<b>235,000</b>
Meat and Dairy Sheep, mature	476,170	181,779	159,038	-
Dairy Goats, mature	34,519	20,986	57,325	-
<b>Farms</b>				
<b>Sheep and goats – total</b>	<b>1,131</b>	<b>2,235</b>	<b>6,528</b>	<b>2,400</b>
Meat and Dairy Sheep, mature	1,008	1,952	3,323	1,100
Dairy Goats, mature	164	330	3,205	1,300

Sheep and goat raising is concentrated in Haifa and the Northern Districts (56% of the sheep and goats and 58% of the farms) and in the Jerusalem and Southern Districts (35% of the sheep and goats and 26% of the farms). The largest branch is meat sheep (86% of the total number of sheep and goats); 55% of this branch is concentrated in the Haifa and Northern Districts. However, note that in the Census, data were not collected about the Bedouin outside localities in the Southern District, where there is substantial sheep raising activity.

<sup>5</sup> Not including duplications – farms with more than one branch.

**Table S. Farms and Heads of Sheep and Goats, by Branch and District, 2017**

Absolute numbers

District	Total <sup>(1)</sup>	Haifa and Northern Districts	Tel Aviv and Central Districts	Jerusalem and Southern Districts	Judea and Samaria Area <sup>(2)</sup>
<b>Heads – thousands</b>					
<b>Sheep and goats – total</b>	<b>512</b>	<b>287</b>	<b>31</b>	<b>179</b>	<b>14</b>
Dairy Sheep	39	21	5	10	2
Meat Sheep	438	239	22	166	11
Dairy Goats	36	27	4	3	1
<b>Farms</b>					
<b>Sheep and goats – total<sup>(1)</sup></b>	<b>1,131</b>	<b>654</b>	<b>151</b>	<b>294</b>	<b>32</b>
Dairy Sheep	185	115	19	48	3
Meat Sheep	823	462	108	228	25
Dairy Goats	164	103	24	30	7

(1) Including duplications – farms with more than one branch.

(2) Israeli localities.

Most of the sheep raising takes place on farms in the Arab sector (51%) and moshavim (37%), with most of the activity in the Haifa and Northern Districts.

**Table T. Sheep and Goat Farms, by District, Sector, and Type, 2017**

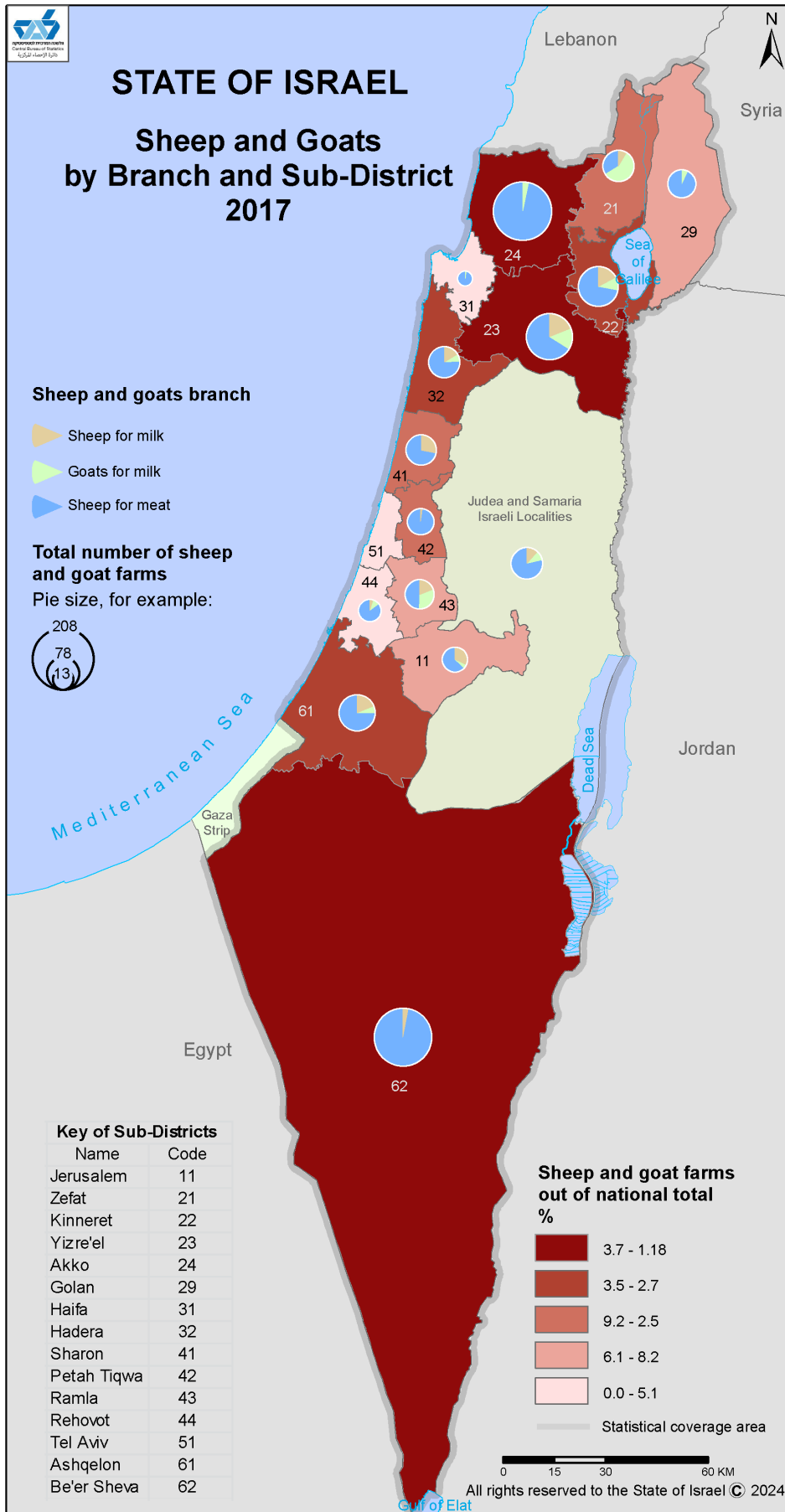
Absolute numbers

District	Total	Jewish sector			Arab sector
		Kibbutzim <sup>(1)</sup>	Moshavim	Other farms	
<b>Total</b>	<b>1,131</b>	<b>12</b>	<b>418</b>	<b>122</b>	<b>579</b>
Haifa and Northern Districts	654	8	211	52	383
Tel Aviv and Central Districts	..	..	92	28	30
Jerusalem and Southern Districts	..	..	106	19	166
Judea and Samaria Area <sup>(2)</sup>	32	-	9	23	-

(1) Also including collective moshavim.

(2) Israeli localities.

**Map 4. Sheep and Goats, by Branch and Sub-District, 2017**



## 5. Aquaculture

**Table U. Aquaculture, by Type and District, 2017**

Absolute numbers

District	Total		Fish for food		Orna-mental fish		Other <sup>(1)</sup>	
	Ponds (du-nams)	Tanks (m <sup>3</sup> )	Ponds (du-nams)	Tanks (m <sup>3</sup> )	Ponds (du-nams)	Tanks (m <sup>3</sup> )	Ponds (du-nams)	Tanks (m <sup>3</sup> )
<b>Farms – total<sup>(2)</sup></b>	<b>98</b>	<b>40</b>	<b>43</b>	<b>6</b>	<b>35</b>	<b>27</b>	<b>20</b>	<b>7</b>
<b>Area / volume – total</b>	<b>18,523</b>	<b>13,819</b>	<b>16,354</b>	<b>1,822</b>	<b>1,688</b>	<b>9,047</b>	<b>481</b>	<b>2,950</b>
Haifa and Northern Districts	<b>17,591</b>	<b>4,931</b>	15,740	..	1,528	2,650	324	..
Tel Aviv and Central Districts	<b>109</b>	<b>4,678</b>	11	..	59	3,377	39	..
Jerusalem and Southern Districts	<b>779</b>	<b>3,560</b>	604	690	57	2,370	118	500
Judea and Samaria Area <sup>(3)</sup>	<b>44</b>	<b>650</b>	-	-	44	650	-	-

(1) Including algae, seafood, crabs, and water plants.

(2) Including duplications – those with ponds and also tanks.

(3) Israeli localities.

There are 116 aquaculture farms in Israel: 48 raise fish for food and 47 raise ornamental fish. Most of the farming in tanks is for ornamental fish (65%). The Haifa and Northern Districts contain the largest area of ponds (95%); 89% of the area of the ponds in these districts is for fish for food. The largest use of tanks for raising ornamental fish is in the Tel Aviv and Central Districts – 37%. In the Haifa and Northern Districts, and in the Jerusalem and Southern Districts, the volume of the containers for ornamental fish constitute 29% and 26%, respectively.

## 6. Beekeepers and Hives

**Table V. Beekeepers and Hives, by District, Sector, and Type of Farm, 2017**

District	Total	Jewish sector			Arab sector
		Kibbutzim <sup>(1)</sup>	Moshavim	Other farms	
<b>Beekeepers – total</b>	<b>306</b>	<b>9</b>	<b>137</b>	<b>119</b>	<b>41</b>
<b>Hives – total</b>	<b>120,967</b>	<b>15,970</b>	<b>74,489</b>	<b>28,999</b>	<b>1,509</b>
Haifa and Northern Districts	<b>48,090</b>	9,120	27,688	9,795	1,487
Tel Aviv and Central Districts	<b>48,216</b>	..	33,827	12,989	..
Jerusalem and Southern Districts	<b>21,737</b>	..	12,974	3,291	..
Judea and Samaria Area <sup>(2)</sup>	<b>2,924</b>	-	-	2,924	

(1) Also including collective moshavim.

(2) Israeli localities.

At the end of 2017, there were 306 beekeepers working in the beekeeping industry, placing 120,967 hives throughout the country – 40% of them in the Haifa and Northern Districts and 40% in the Tel Aviv and Central Districts.

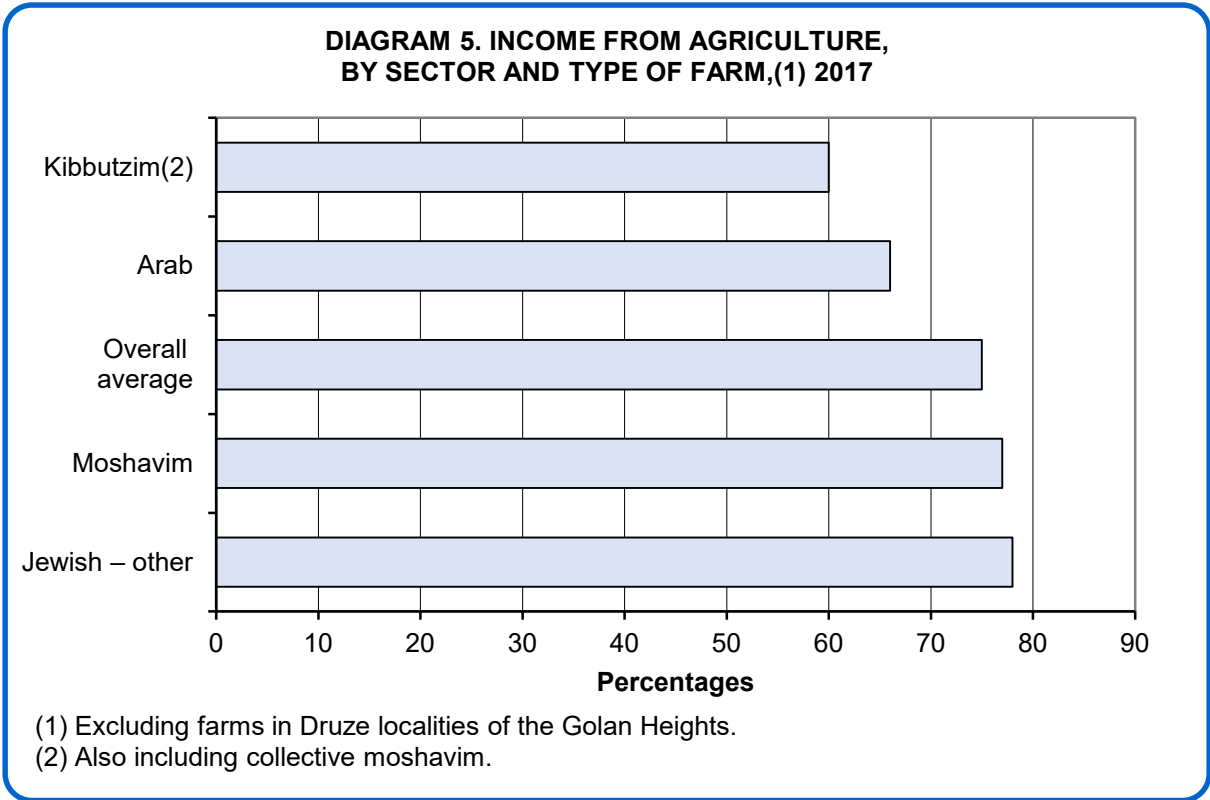
## 7. Miscellaneous

There were 16 farms operating in the pig industry that raised 43,590 heads. There were also 266 farms that raised other animals (horses, camels, parrots, alligators, geese, etc.).

## 8. Farm Economy

### 8.1 Income From Agriculture

The overall average percentage of income from agriculture was 75% in 2017. The highest percentage of income from agriculture was for farms in the Jewish sector that were not kibbutzim and moshavim (78%), and there was a similar percentage in moshavim (77%). In Arab the sector and the kibbutzim, the percentages of income from agriculture were lower, 66% and 60% respectively.



### 8.2 Marketing of Agricultural Produce

The farms that grow vegetables and fruit market their produce to various destinations. The largest marketing destinations (in terms of the number of farms) in 2017 were the wholesale market (45%), marketing chains (17%), and export (15%). Of the 6,333 farms on the moshavim that grew vegetables or fruits, 51% marketed their produce through wholesalers, 18% through marketing chains, and 17% marketed their produce for export.

Of 285 relevant kibbutzim and collective moshavim, 55% marketed their produce through a wholesaler and 46% through a co-operative. In other Jewish farms that were not kibbutzim or moshavim and in farms in the Arab sector, the marketing of vegetables and fruits was done mainly through wholesale marketers, 46% and 19%, respectively.

The distribution of the marketing channels presented shows the number of farms that marketed and does not show the distributions of the areas or quantities marketed. For

example, 1,787 farms (making up 19% of the total) reported own consumption as a marketing destination. However, these are mainly small farms, representing 4% of the total cultivated area reported in the enumeration of vegetables and fruit, and 2% of the total reported own consumption as an exclusive marketing destination.

**Table W. Marketing Channels, by Sector and Type of Farm, 2017**

Absolute numbers

Marketing channel <sup>(1)</sup>	Total	Jewish sector			Arab sector <sup>(3)</sup>
		Kibbutzim <sup>(2)</sup>	Moshavim	Other farms	
Total	9,351	285	6,333	1,107	1,626
Wholesale marketers	4,211	156	3,242	504	309
Own consumption	1,787	17	628	138	1,004
Marketing chains	1,591	65	1,145	206	175
Export	1,364	107	1,077	173	7
Manufacturing	1,263	127	882	233	21
Direct sale	750	13	560	121	56
Co-operatives	455	131	273	42	9
Packing houses	312	16	256	37	3
Other	841	10	580	116	135
Non-response	1,184	9	895	148	132

(1) Including duplications – farms that marketed to more than one destination.

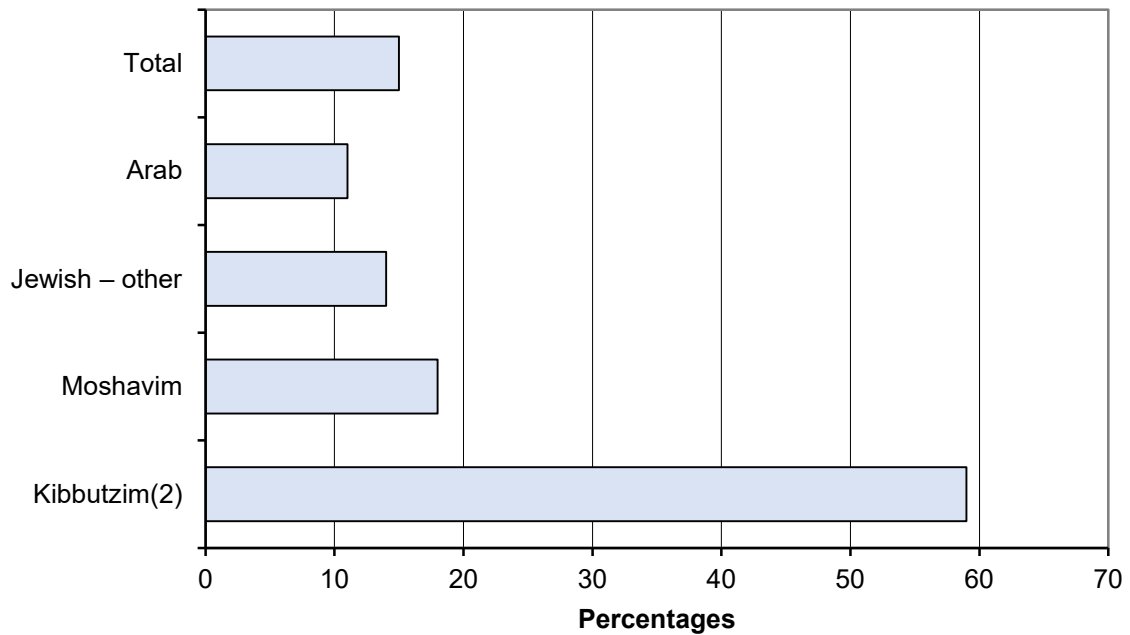
(2) Also Including collective moshavim.

(3) Excluding farms in Druze localities of the Golan Heights.

### 8.3 Partnerships in Agricultural Farms

Some of the agricultural farms reported that they maintain partnership ties with other farms or bodies. In 2017, 15% of the farms were in some kind of partnership. The highest percentage of partnerships was in kibbutzim (59%). In the other types of farms, the percentage of partnerships was much lower, from 18% in farms that were not kibbutzim and moshavim to 11% in farms in the Arab sector. Examining the partnerships according to the type of crops in the farm, it was found that in mixed farms the percentage of those involved in partnerships was 23%, compared to farms that grew only crops (14%) and farms that raised only animals (including aquaculture) (11%).

**DIAGRAM 6. CO-OPERATIVE FARMS,(1) BY SECTOR AND TYPE, 2017**



(1) Excluding farms in Druze localities of the Golan Heights.  
(2) Also including collective moshavim.

#### **8.4 Ancillary Activities on the Agricultural Farms**

Some of the farms are also engaged in ancillary activities. The activities are divided into those related to agricultural production and those that take place in the rural area but are not directly related to agricultural production. The main ancillary agricultural activities were treatment and direct sale of produce, most of which took place on moshavim – 83% and 74%, respectively. Most of the ancillary agricultural activity in the Arab sector was concentrated in the direct sale of produce (159 farms).

**Table X. Ancillary Agricultural Activity on Agricultural Farms, by Sector and Type of Farm,<sup>(1)</sup> 2017**

Farms (absolute numbers)

Sector and type of farm	Contracting services	Treatment of produce	Processing and sale of produce	Direct sale of produce	Agricultural tourism	Other activities
<b>Grand total</b>	<b>979</b>	<b>3,520</b>	<b>859</b>	<b>2,386</b>	<b>632</b>	<b>509</b>
Moshavim	732	2,917	569	1,760	379	381
Kibbutzim <sup>(2)</sup>	45	81	..	50	44	..
Jewish – other	139	442	179	417	149	67
Arab <sup>(3)</sup>	63	80	..	159	60	..

(1) Some farms have more than one ancillary activity.

(2) Also including collective moshavim.

(3) Farm data for Druze localities of the Golan Heights are presented at the locality level.

The main ancillary non-agricultural activity was renewable energy. Moshavim accounted for 82% of the farms where such activity took place, and it was conducted on 69% of the kibbutzim and collective moshavim. In the Arab sector, 66 farms reported this activity. Rural tourism was also widespread in agricultural farms (927 farms), as was manufacturing (562 farms). Manufacturing activity took place on 57% of the kibbutzim and collective moshavim.

**Table Y. Ancillary Non-Agricultural Activity on Agricultural Farms, by Sector and Type of Farm,<sup>(1)</sup> 2017**

Farms (absolute numbers)

Sector and type of farm	Rural tourism	Trade and services	Renewable energy	Manufacturing	Gardening	Plant nurseries	Other activities
<b>Grand total</b>	<b>927</b>	<b>398</b>	<b>2,254</b>	<b>562</b>	<b>160</b>	<b>387</b>	<b>396</b>
Moshavim	738	230	1,851	293	97	245	292
Kibbutzim <sup>(2)</sup>	87	101	212	176	16	20	9
Jewish – other	88	51	125	59	27	90	79
Arab <sup>(3)</sup>	14	16	66	34	20	32	16

(1) Some farms have more than one ancillary activity.

(2) Also including collective moshavim.

(3) Data on farms in the Druze localities of the Golan Heights are presented at the locality level.

## 9. Workers in Agriculture

### 9.1 Israeli, Foreign, and Palestinian Workers

In 2017, about 38,600 Israeli workers were employed in agriculture, about half of them permanent and about half seasonal workers. At the same time, about 31,600 foreign workers were employed in agriculture, 82% of them permanent workers and 18% seasonal. About 22,200 Palestinian workers were also employed in agriculture, of whom 75% were seasonal and 25% permanent. **It should be noted that there might be duplications among the permanent and seasonal workers due to reporting on those working on more than one farm.** It is impossible to compare the data with previous censuses due to changes in the structure of the agricultural farms and in calculation methods.

Of the Israeli agricultural workers, 54% were employed on moshavim, 24% on other private farms in the Jewish sector, and 12% on kibbutzim and collective moshavim. Of the seasonal Israeli workers, 66% were employed on moshavim, 21% on other private farms in the Jewish sector, and 8% on kibbutzim and collective moshavim. About 77% of the foreign workers were employed on moshavim, 14% on other private farms in the Jewish sector, and 7% on kibbutzim and collective moshavim. About 58% of the permanent Palestinian workers were employed on moshavim, 26% on farms in the Arab sector, and 11% on other private farms in the Jewish sector, while 63% of the seasonal Palestinian workers were employed on moshavim and 21% on other private farms in the Jewish sector.

**Table Z. Israeli, Foreign,<sup>(1)</sup> and Palestinian Workers in Agriculture, by Sector and Type of Farm,(1) 2017**

Absolute numbers

Type of farm	Israeli workers – total	Israeli workers – permanent	Israeli workers – seasonal	Foreign workers – total	Foreign workers – permanent	Foreign workers – seasonal	Palestinian workers – total	Palestinian workers – permanent	Palestinian workers – seasonal
<b>Total</b>	<b>38,638</b>	<b>19,649</b>	<b>18,989</b>	<b>31,598</b>	<b>25,913</b>	<b>5,685</b>	<b>22,239</b>	<b>5,510</b>	<b>16,729</b>
Moshavim	21,023	8,559	12,464	24,315	19,991	844	13,750	3,208	<b>10,542</b>
Kibbutzim	4,693	3,149	1,544	2,302	2,157	145	1,280	184	<b>1,096</b>
Jewish – other	9,445	5,421	1,024	4,354	..	..	4,196	678	<b>3,518</b>
Arab	3,477	2,520	957	627	..	..	3,013	1,440	<b>1,573</b>

(1) Workers from abroad.

Of the Israeli workers in agriculture, 52% were employed in the Haifa and Northern Districts, 26% in the Jerusalem and Southern Districts, and 17% in the Tel Aviv and Central Districts. In contrast, 50% of the foreign workers were employed in the Jerusalem and Southern Districts, 25% in the Tel Aviv and Central Districts, and 23% in the Haifa and Northern Districts. The disparities among the districts were much smaller for the Palestinian workers: 30% of them were employed in Israeli localities in the Judea and Samaria Area and 26% in the Tel Aviv and Central Districts, as well as in the Haifa and Northern Districts.

**Table AA. Israeli, Foreign,<sup>(1)</sup> and Palestinian Workers in Agriculture, by District,<sup>(2)</sup> 2017**

Absolute numbers

District	Israeli workers – total	Israeli workers – permanent	Israeli workers – seasonal	Foreign workers – total	Foreign workers – permanent	Foreign workers – seasonal	Palestinian workers – total	Palestinian workers – permanent	Palestinian workers – seasonal
<b>Grand total</b>	<b>38,638</b>	<b>19,649</b>	<b>18,989</b>	<b>31,598</b>	<b>25,913</b>	<b>5,685</b>	<b>22,239</b>	<b>5,510</b>	<b>16,729</b>
Haifa and Northern Districts	20,144	9,250	10,894	7,344	6,050	1,294	5,771	1,128	4,643
Tel Aviv and Central Districts	6,534	4,102	2,432	7,859	6,077	1,782	5,779	1,870	3,909
Jerusalem and Southern Districts	10,082	5,682	4,400	15,651	13,131	2,520	4,104	872	3,232
Judea and Samaria Area <sup>(3)</sup>	1,878	615	1,263	744	655	89	6,585	1,640	4,945

(1) Workers from abroad.

(2) Including duplications – workers employed on more than one farm.

(3) Israeli localities.

## 9.2 Other Workers

In addition to the permanent and temporary Israeli, foreign, and Palestinian workers, there were other types of workers and employment in agriculture. Some of the forms of employment stem from the unique nature of agriculture in Israel. In 2017, about 23,700 family members were employed on the farms.<sup>6</sup> Of these, about 10,700 were paid and about 13,000 were unpaid. About 4,400 kibbutz members<sup>7</sup> were employed in agriculture. At the same time, the kibbutzim reported that about 200 members up to the age of thirty were employed in agriculture.

Also, workers were employed in agriculture indirectly as well as through manpower companies. In 2017, about 220,000 days were worked in agriculture through indirect employment, of which 63% were on moshavim, 20% in other localities in the Jewish sector, 15% on kibbutzim, and 2% in the Arab sector. About 1,150 farms, of which 71% were on moshavim, reported employing workers through manpower companies. In addition, the employment of about 8,700 other workers, such as trainees and volunteers, was reported.

## 10. The Price Gap in Vegetable and Fruit Marketing

The Agricultural Census 2017 included questions concerning the structure of the agricultural farm and its activity. In addition, it included a series of questions related to the gap in vegetable and fruit prices.

The questions were addressed to farmers who grow only vegetables and fruits, and who market their produce to the domestic market. For each selected farmer in this group of farmers, one crop was randomly selected, and the farmer was asked to provide information on the price of his/her most recent transaction in this crop, the type of buyer (wholesaler, marketing chain, or other party), the date of the transaction, and the quantity sold. Because the farmers were asked to provide information regarding the most recent transaction that took place, and some of the transactions took place in 2018, the data are for 2017–2018 (in contrast to the other Census data, which are for 2017 only).

The purpose of the questions was to obtain information that would allow comparisons among the prices of crops reported by the farmer (the farmers' selling prices), the wholesale prices (collected by the Ministry of Agriculture and Rural Development), and consumer prices, and so to calculate the average gap in each section of the market.

The data collected show that the total price gap in vegetables and fruit in the domestic market during the investigation period was 154%. In the wholesale segment, there was a gap of 84% and in the retail segment, 36%. The largest price gap was in citrus, almost 300%. In the wholesale segment a gap of 214% was recorded, compared to 25% in

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<sup>6</sup> Excluding kibbutzim, moshavim, and Druze localities of the Golan Heights.

<sup>7</sup> Also including collective moshavim.

retail. The smallest total gap was registered in vegetables, potatoes, and melons – 109%, and in the wholesale segment the gap was 50% compared to 36% in retail trade.

**Table BB. Price Gap in Vegetables<sup>(1)</sup> and Fruit, 2017**

Percentages

Crop Group	Total gap <sup>(2)</sup>	Wholesale gap <sup>(3)</sup>	Retail gap <sup>(4)</sup>
<b>Total</b>	154	84	36
Vegetables, potatoes, and melons	109	50	36
Citrus	295	214	25
Plantations, excl. citrus	182	97	41

- (1) Based on a sample from the Census.
- (2) The gap between the farmer's selling price and the price to the consumer.
- (3) The gap between the farmer's selling price and the wholesale market price.
- (4) The gap between the wholesale market price and the average price to the consumer.

## 11. Enumeration Results

**Table CC. Enumeration Results**

Enumeration Results	Total	Percentages
<b>Farms for enumeration – total</b>	25,671	-
Zero cases <sup>(1)</sup>	1,420	5.5
Net sample <sup>(2)</sup>	24,251	100
Number of questionnaires completed <sup>(3)</sup>	21,992	90.7
<b>Enumeration method</b>		
Phone	17,046	77.5
Field	3,710	16.9
Internet	1,236	5.6
<b>Entries to the website – total<sup>(4)</sup></b>	2,682	-
Full questionnaires	1,405	52.4
Partial questionnaires	978	36.5
Empty questionnaires	299	11.1

(1) Cases that do not belong to the census population.

(2) Excluding cases that do not belong to the census population.

(3) Out of net sample.

(4) A part of the respondents completed the questionnaire by telephone.

## C. Terms, Definitions, and Explanations

**Field crops** – agricultural crops that are grown in fields, usually in large areas. Include among other crops wheat, cotton, barley, chick peas, ground nuts (peanuts), peas for canning and corn on the cob.

**Rainfed agriculture** – a form of cultivation based on irrigation of the agricultural crops based on precipitation only.

**Agricultural farm** – a farm that had some productive agricultural activity during the reference period. Agricultural activity includes the production of fresh plant agricultural produce, of animal produce (such as meat or dairy cattle, or sheep and goats, and eggs), and aquaculture (such as fish for food, or ornamental fish).

**Animal farm** – a farm used for raising animals, such as poultry, cattle, sheep and goats, bees, pigs, or other animals, such as horses and parrots. A farm can include more than one animal industry/branch.

**Work and services in contracting** – performing agricultural work/services such as picking, spraying, weeding, and gathering according to output and regardless of the working time or the number of workers.

**Workers (employed) on agricultural farms** – persons who worked on agricultural farms full- or part-time for wages, or not for wages, during the reference period of the Census.

**Indirectly employed workers** – persons who worked on agricultural farms and were paid through a manpower company or a contractor of such company.

**Cattle industry** – includes the dairy cattle and the meat cattle branches. The first branch includes the cows for milk and female calves for replacement (female calves for milk). The meat cattle branch includes cows (in pasture and feed lot), male calves (in pasture and feed lot) and female calves for replacement. The raising data include the import data of heads of meat cattle.

**Poultry industry** – includes raising laying hens, broilers, turkeys, heavy and light breeding, as well as raising chicks for these branches.

**The sheep and goat industry** – includes mature sheep for meat and milk (including the import of heads of sheep) and mature goats for milk.

**The beekeeping industry** – includes hives for honey production and does not include hives for pollination.

**The pig industry** – includes the number of sows and the number of pigs for feed lot.

**The price gap** – the difference in price between the agricultural farm price and the wholesale market or the marketing chain price, and the final consumer. The 2017

Agricultural Census included questions concerning the structure of the farm and its activity. In addition, it included a series of questions related to the gap in vegetable and fruit prices.

### **Type of irrigation**

- Drip – direct irrigation through upper or lower pipe systems, in single drops or thin sprinkling.
- Spraying/sprinkling – spreading the water over the surface of vegetation (or under the vegetation) using sprayers, sprinklers, switches, etc.
- Centre pivot – watering using machines that spread water in the area while moving.
- Rainfed irrigation – irrigation using rainwater.

**Population group: agricultural farm** – a farm that had some productive agricultural activity during the reference period. Agricultural farms are classified into some types:

- Kibbutzim and collective moshavim;
- Farms in moshavim;
- Agricultural companies, farms in rural and urban localities which are neither kibbutzim nor moshavim, individual private farms, agricultural schools, etc.
- Farms in the Arab Sector.

**Multi-cropping** – a method in which several crops are grown on a fixed area during the year, or the same crop is grown in several cycles. This method is used in vegetables and field crops.

**Agricultural farm area** – area used for agricultural activity, including area used for the following: plantations, field crops, vegetables, flowers and garden plants, aquaculture, and other agricultural uses. Includes area planted and not harvested. Excludes natural pasture area.

**Cultivated area** – physical area used for the production of crops. Excludes duplications of area that uses the multi-crop method.

**Crop area** – area where crops are grown, including multi-crop areas (areas that were used for more than one crop in the reference year), areas that were planted and not harvested, and areas that were harvested before the crops ripened.

**Animal branch** – a sub-group of animal raising that focuses on raising animals for a specific purpose.

**Area of flowers and garden plants** – an area for the commercial cultivation of flowers, decorative leaves, flower seedlings, grasses, etc.

**Cultivation method** (type of coverage of the crop area):

- Open area – no cover
- Shade house – permanent frame with a mesh cover
- Greenhouse – permanent frame with a transparent cover
- Covering net – a net cover anchored in a light, collapsible frame on the ground
- Tunnel – a collapsible arched frame on the ground with a transparent or mesh cover

## D. Methodology

### 1. The Investigated Population

The Census included agricultural farms with production activity, including crops, livestock, and aquaculture. The farms were also asked about their ancillary, non-agricultural activities.

An agricultural farm was defined as an **economic unit** producing crops or animal products (except products of hunting) that sells its produce to various marketing channels.

The Census covered the entire territory of the State of Israel as well as the agricultural activity in Jewish settlements in the Judea and Samaria region. The Druze villages in the Golan Heights were visited collectively through their agricultural associations.

**The Census included all types of agricultural farms throughout the country.**

The following was the distribution of the enumeration units among the various sectors:

1. **Private agricultural farm (Jewish sector, Arab sector)** – an economic unit for the production of agricultural output that was active during the Census period, using all the means of production collectively (such as labour, farm buildings, machinery, or farm animals), regardless of the type of ownership, legal status, or the size of the farm. The management of the farm may be in the hands of one person or household, in a partnership of two individuals or two or more households, in the hands of a "clan" or tribe, or in the hands of a legal entity, such as a corporation, a co-operative, or government agency. Private farms include those on moshavim, as well as those in other rural localities and in urban localities.
2. **Kibbutzim and collective moshavim** – two types of localities that engage in agriculture in a collective manner. Usually a small locality, numbering hundreds of residents, in which the source of income is agriculture, manufacturing, and other occupations. Kibbutzim and collective moshavim maintain varying levels of collectiveness in their lifestyles. They might maintain collectiveness in all areas of life or only in some of them, such as communal income assurance, collective ownership of sources of income, or collective ownership of the land. In this sector, each locality is counted as one farm. The framework for this sector is the official list of localities for 2017.
3. **Agricultural company** – An agricultural farm registered as a corporation that constitutes a separate legal entity from its owner or employees. An agricultural company can operate a farm that has family characteristics in a particular agricultural locality, or be a regular company that cultivates land in several localities.
4. **Agricultural school** – a secondary school that can include boarding where there is a curriculum for agricultural subjects. Through the ongoing operation of an

agricultural farm, an agricultural school prepares its graduates to engage in agricultural professions, among other studies.

## **2. The Investigation Period**

The Census was conducted in 2018, and the data were collected for 2017, except for the price gap, for which data were also collected for 2018.

### **Investigation Method and Data Sources**

The Agricultural Census 2017 was conducted using the classical census approach. Because no register of farmers existed in Israel before the censuses, the most recent of which had been conducted in 1981, the approach was to collect all farm lists from all available sources and merge them into a comprehensive census framework.

## **3. Frame**

The bulk of the framework was built from administrative files that were complemented with data from two surveys: a preliminary survey conducted in 2015 in the sector of organized agriculture and a locating survey conducted in 2018 in the area of unorganized agriculture.

### **Construction of an Initial Framework**

The initial framework was compiled from data obtained from a variety of sources:

- Ministry of Agriculture and Rural Development (files of foreign workers, plots of land);
- Insurance Fund for Natural Risks in Agriculture (KANAT);
- The Plant Council;
- Livestock production councils (poultry, cattle, milk, etc.);
- The CBS business register.

A complex process of merging the received files, which were of varying quality, was conducted, including elimination of duplicate files and creation of records that were suspected of being duplications. The main reason for duplication is the registration of a farm in a different way in the various organizations, for example, registering it in the name of the farm owner or spouse, or as a company.

In order to streamline the identification process, the farms were divided into two groups:

### **Organized Agriculture**

1. Kibbutzim and collective moshavim;
2. Moshavim;
3. Other farms organized through agricultural or water associations.

## Unorganized Agriculture

- Unorganized private farms in the Jewish sector;
- Unorganized private farms in the Arab sector;
- Other, including companies, individual private farms, agricultural schools.

In the first stage, a version of the framework was built that was close to the final framework. About 70% of the records for the enumeration were derived from this framework in the first phase. The rest of the records went through another process, including manual checks, in the second phase. The processes that were carried out for the purpose of building the framework of the Agricultural Census are described below.

### First Phase

1. **The first source was the framework of farmers that was built in 2015** as part of a preliminary survey for the Agriculture Census 2017. In this survey, the following were approached: all of the agricultural and water associations in the moshavim, in the colonies (moshavot), and in the Arab localities organized into water associations. The representatives of the associations were asked to verify the administrative lists derived from the initial framework, in the localities where they operate, as well as to add new farmers to the lists and to remove inactive farmers from them. In addition to this, meetings were held with farms and farmers' organizations to test the census questionnaire and its suitability for the different types of farms. The results of the preliminary survey were used to cleanse the framework in the sector of organized agriculture.
2. **The second source was the results of a locating survey** which was carried out preliminary to the census, in the unorganized agriculture sector (in localities that were not included in the preliminary survey: 10,463 farmers). It was decided to conduct this process for private farmers for whom there was a valid ID number. In addition, 100 farmers from the preliminary survey who received a "closed case" status from the business registry were included in the survey.

The results of the identification survey can be divided into 4 parts:

- Identified as active farmers;
- Identified as non-farmers (or inactive farmers);
- New farmers added;
- The remainder – records that were not located.

After removing the records of those who were found to be non-farmers, as well as those of the deceased, minors, Druze farmers in the Golan, kibbutzim, and collective moshavim (received separately from the locality files in the CBS), a file was created that was intended for cleansing and investigation in the Census.

3. **The third source was updated administrative files.** Because two years passed between the preliminary survey and the Census, it was necessary to receive updated files from all sources.
4. **The fourth source was new administrative files,** such as those of beekeepers.

### **3.1 Cleansing the Framework Data**

The data were cleansed using the Population Register and the Business Register.

1. Linking with the Population Register in order to identify deceased persons and minors and exclude them from the framework, as well as to obtain additional information regarding farmers' names and addresses.
2. Linking with the Business Register in order to obtain additional contact details: addresses, phone numbers, and email addresses.
3. Duplications in the framework were removed.
4. Records that were sampled for the pre-test pre-enumeration) were removed from the framework even before its building was completed.
5. Contact information, such as phone numbers, addresses, and e-mail addresses, was collected from all the source files that were used in the building of the framework.
6. Special variables were defined for the type of farm, the source of the record and the sub-sample number. These variables were important in determining the questionnaire type to use for the investigated farmer.
7. At this stage, another matching was made to the Population Register and the Business Register to obtain additional names and addresses for the investigation, and to remove records of deceased persons and minors based on the **updated Population Register.**

### **3.2 Building an Investigation File in the Second Stage**

1. Records that were not included in the first stage went through an additional process of linking to the register according to the farmer's name and locality code. After that, the records were transferred to the Agriculture, Environment, and Energy Sector in order to:
  - Check the matching of the names between the census framework and the Population Register, and exclude records with so little information that there was no reasonable possibility of locating them;
  - Cleanse variables (contact details and locality codes);
  - Find duplications manually.
2. Concurrently, the Agriculture, Environment, and Energy Sector prepared another file that included these special populations:
  - Kibbutzim and collective moshavim;
  - Agricultural associations as separate companies;

- Druze localities – four localities in the Golan which it was decided to visit centrally through their water associations;
- Individual private farms.

The file was built based on information from various sources that did not necessarily match the existing information in the original list. Therefore, after building the file, duplications were sought within the existing list of farmers, and if any were found, they were removed from either the framework or from the file of the "special populations", as needed.

3. Records defined as "poor in information" were removed from the list according to the following criteria:
  - No name;
  - No proper ID number;
  - No contact information: phone, email, or an address that allows sending a letter or a field interviewer.
4. Another decision that was made after much deliberation was to include in the investigation records of farmers who, after the merger with the Population Register, turned out to be deceased. The decision was based on the assumption that the farm continued to be active in the hands of another farmer, for example, heirs. During the enumeration, the interviewees were asked to report any other farmers who worked the farm with them (or replacing them). These additional farmers were also transferred to the enumeration after an examination ensured that they were not in the existing framework.

### **3.3 Planning**

#### **The Purposes of the Census and the Topics of Investigation**

The steering committee that advised the census selected the topics to be investigated, relying on international requirements ([FAO](#) guidelines), previous censuses, and surveys, as well as the needs of consumers of information on agricultural statistics in Israel.

The purposes of the census were defined, the main ones being:

1. Information about the agricultural areas, how they are cultivated, water usage, and the use of other inputs in agriculture, such as labour, fertilizers, and pesticides;
2. Information on the types of crops and cultivation methods;
3. Characterizing the structure of the agricultural farms and describing the economic activity that takes place there.

## **The findings of the Census are intended to improve knowledge about various aspects of the agriculture industry in Israel:**

- Building a Farm Register (a detailed database of agricultural farms) that includes information regarding the number of active agricultural farms in the country by type of activity;
- Estimating the sizes of agricultural areas and livestock farms;
- Creating a database for surveys on various topics: use of pesticides and fertilizers by type of farm, soil conservation, etc.;
- Improving knowledge for agricultural research purposes;
- Adapting the work of the CBS to accepted international standards:
  - The Food and Agriculture Organization (FAO) of the United Nations recommends conducting an agricultural census once every ten years.
  - EU countries are obligated to conduct a census every ten years.

### **The Unit of Investigation**

An agricultural farm that belongs to an individual or a company, whether or not the land is owned by that individual or company, and which produces fresh agricultural produce. A farmer can rent agricultural land, or produce agricultural produce without the need for open agricultural land (for example, cows in a barn).

### **3.4 The Enumeration Procedure**

#### **The Census was conducted in three stages:**

1. Locating the farms using telephone and the internet; this process was aimed at mapping the active farms and how to contact them.
2. Approaching all of the agricultural farms from the location stage to request that they answer the Census questionnaire either online or by phone.
3. Completion of the data through field enumeration. The interviewers visited the farms that did not respond to the questionnaire online or by phone, for the purpose of completing it in a face-to-face interview. A small portion of the farms were defined in advance for field enumeration.

#### **Data Collection Methods**

1. Internet – the introductory letter that the farms received by mail included instructions for self-completion of the questionnaire on the internet.
2. Telephone – the telephone collection was done by interviewers at the CBS Data Collection Centre in Jerusalem.
3. Field – filling out a questionnaire in a face-to-face interview with an interviewer.

## **Editing and Quality Control of the Questionnaires**

The Census questionnaires that were received went through a process of data control by the enumeration co-ordinators, and editing and coding by persons knowledgeable about agriculture.

The obtained data went through a series of tests both during the enumeration period and afterward. In cases where substantive lack of information or inconsistencies were discovered, telephone inquiries were conducted with the respondents. The data checks included, among other examinations, tests to detect missing variables, lack of information and inconsistency in one respondent's data and duplication of data reported by different respondents (mainly in cases of partnerships between farms or companies). Tests were conducted of compatibility between data reported in different parts of the questionnaire, as well as comparison with external sources of information (for example, the mapping project of the Ministry of Agriculture and Rural development and files of regularly reported statistics).

The questionnaire had three versions:

1. General agricultural farms;
2. Kibbutzim;
3. Agricultural companies / institutions / schools.

### **3.5 Questionnaire Structure**

1. Respondent information – contains an introduction and questions about the type of farm, respondent's contact information, and information about the farm.
2. Identification – questions to check whether the respondent is a farmer or is/was connected to an agricultural farm that a third party cultivates: Does the respondent have rights to the land, the size of the land, does the respondent or someone else produce agricultural products on the area in possession, etc.
3. Details about the farm – questions designed to map the types of agricultural activity on the farm, as well as questions about partners in the agricultural activity.
4. Employment – the composition of the workers on the agricultural farm, by type (family members, kibbutz members, etc.); work/services hired by contracting on the agricultural farm; and residences of foreign workers.
5. Crops – types of crops and details about each one.
6. Marketing of agricultural produce – addressed to respondents who grow vegetables/fruit; to what destinations the agricultural produce is sold (marketing chain, export, etc.).
7. Cultivation method – details about the cultivation methods: irrigation and type of water used for it, use of fertilizers, use of pesticides, and soil conservation activity.
8. Livestock – types of livestock and details such as number of heads, location of activity, number of cycles.

9. Aquaculture – raising fish or seafood, types of raising, and details such as the area of ponds and the type of water used for the activity.
10. Percentage of income from agriculture – the percentage of agricultural activity out of the total income of the farm.
11. Ancillary activities – mapping of various activities on the farm in addition to agricultural activity, activities either related to agriculture or not (gardening, manufacturing, etc.).
12. Price gap – the difference in price between the agricultural farm price and the wholesale market or the marketing chain price. This topic is different than the others in the census, therefore the calculation method is described as follows:
  - (a) From the data received, the vegetable crops (fruits and vegetables) found both in the wholesale price database (on the website of the "Totzeret Haaretz" company, which conducted the market survey for the Ministry of Agriculture and Rural Development) and in the monthly consumer price database (on the CBS website) were selected.
  - (b) Only crops for which 10 or more transactions were reported were selected.
  - (c) In order to calculate the gap between the farmer's selling price and the wholesale market price, average prices for the relevant month in the wholesale market in Zerifin are used. To calculate the gap between the wholesale market price and the consumer price, the monthly consumer price database is used.
  - (d) In cases where the price data of the vegetables and fruits included prices of several varieties, their arithmetic average is calculated.
  - (e) Weighing the price by the quantity: the transaction price depends on the marketed quantity. Therefore, the farmer's transaction price is weighted by the amount reported. Hence, in calculating the average, each price of a vegetable and a fruit is given a relative weight according to the quantity sold of it. In calculating the weighted average price of the groups of crops, the monthly marketing quantities of the reported items (local marketing, excluding the Judea and Samaria region and excluding exports) were used from the data collected in the CBS.
  - (f) Three weighted average prices were calculated for each vegetable and fruit for the years 2017–2018.
  - (g) After calculating the above prices, the difference (in percentages) between the average prices is calculated:
    - (1) Wholesale gap – between the farmer's selling price and the wholesale market price;
    - (2) Retail gap – between the wholesale market price and the average consumer price;
    - (3) Total gap – between the farmer's selling price and the consumer price.

### **3.6 Data Processing**

A dedicated IT system was built to manage the Census process and data input. The data were then exported to various Excel formats and analyzed separately.

Statistical methods such as the "nearest neighbour" approach were used for data imputation. In some cases, administrative data were used to fill in missing data. For the statistical imputation, SAS programme was used.

After receiving the Census data, it was decided to impute missing values for the following five variables:

Type of water for irrigation;

Irrigation method;

Pest control method;

Fertilization method;

Cultivation method.

Most of the imputations were made using the "nearest neighbour" method according to type of crop and geographic area.

#### **Imputing values for the variables "type of water for irrigation" and "irrigation method"**

Because these two variables are strongly related, it was decided to impute values to these variables together. Another reason for this decision was that in most cases when there was a missing value for one of the variables, there was also a missing value for the other variable. In cases where only one of the two was missing, an imputation was made for that variable only.

#### **Imputing values for the variables "pest control method" and "fertilization method"**

Imputation of values to these variables was done for each variable separately, but with the identical method.

#### **Imputing for the variable "cultivation method"**

This was conducted with the same imputation method as for type of water and irrigation method.

### **Quality Tests**

1. Various tests were used to avoid duplications in the framework (see Section 3.1: "Cleansing the Framework Data").
2. The computerized questionnaire included automatic flow with logical tests.

3. For open-ended questions, a range of values was defined.
4. A number of questions were defined whose completion was mandatory to complete the interview.
5. A series of training sessions was held for the interview of staff before and during the Census with integration of the accumulated knowledge. At the end of the process, a meeting was held to discuss lessons learned.

### **Data Limitations**

1. The census did not include forestry and fishing.
2. No data were collected at the community level.
3. In the Druze localities of the Golan Heights, the data were collected at the locality level.
4. In the Agricultural Census, the area of the olive groves was partially reported. The total area of olive groves in 2017 was estimated at 337,000 dunams. In the Census, the area was only 109,761 dunams.

### **Non-Sampling Errors**

Consistency was checked among variables and within records, while comparing these to administrative data in groups of records. If discrepancies were found, a thorough inspection was done to locate the specific differences and to correct errors.

### **Confidentiality of the Questionnaire**

The information in individual questionnaires is confidential by power of the provisions of the Statistics Ordinance. Therefore, the Central Bureau of Statistics is prohibited from providing data or information concerning a farm to any other person or entity. The data and detailed information are kept confidential and are intended for statistical purposes only. Therefore, they are not published in a way that allows identification of whom they concern.

# QUESTIONNAIRE



## Agricultural Census Questionnaire

### Section 1 – Respondent Information

Please fill in the following information about the respondent.

I.D. No.	Last name	First name	Are you: 1. Male 2. Female	Address

<p><b>Location of farm</b> ____ (code of locality) (the location where you administer the farm's activity)</p> <hr/>	<p><b>Business No. of the agricultural farm:</b></p> <hr/>
--	--

## Agricultural Census Questionnaire

### Section 2 – Identification

The following questions are about 2017.

**2.10 Were you the owner of rights to agricultural land?**

1. Yes 2. No

**2.10.1 What was the size of the agricultural land registered in the name of the farm, in dunams?**

\_\_\_\_\_ dunams

**2.20 Did you produce agricultural produce? This refers to raising livestock, plant crops, or aquaculture.**

1. Yes 2. No

**(If the farm is no longer active):**

**2.30 Did you produce agricultural produce in the past?**

1. Yes 2. No

**2.40 In what year did you cease producing agricultural produce? \_\_\_\_\_**

**2.50 What was the main reason for ceasing to produce agricultural produce?**

1. Age
2. Insufficient income
3. I passed the farm on to the next generation
4. Another reason

<Specify> \_\_\_\_\_

**2.60 In 2017, did anyone else produce agricultural produce on the land you owned (excluding partnerships)?**

1. Yes 2. No

## Agricultural Census Questionnaire

Please provide the following information for the agricultural producers who were on the land you owned.

Last name	First name	I.D. No./ Business No.	Phone	Address	Email 1	Email 2

SAMPLE

## Agricultural Census Questionnaire

### Section 3 – Information about the Farm

**3.10 Which of the following agricultural activities occurred on the farm? You can give more than one answer.**

1. Plant crops, including field crops, plantations, vegetables, etc.
2. Livestock (including sheep and goats, cattle, poultry, pigs, horses, beehives etc.; excluding petting zoo animals)
3. Aquaculture, for example: fish, seafood, or algae
4. Other agricultural activity  
<Specify> \_\_\_\_\_

**3.20 What is the cultivated area of plant crops, in dunams?**

\_\_\_\_\_ dunams

**3.30 In 2017, did you have any partners in your agricultural activity (excluding your spouse)?**

1. Yes    2. No

## Agricultural Census Questionnaire

Please list the below information about the partners and the partnership.

<b>Name of partner/Kibbutz/Moshav</b>	
<b>Partner's I.D. No./Business No.</b>	
<b>Partnership name</b>	
<b>Partnership Business No.</b>	
<b>Type of partner:</b> 1. Individual/business 2. Kibbutz 3. Moshav 4. Other <Specify> _____	
<b>Phone No.</b>	
<b>Address</b>	
<b>Farm branch of partnership</b> <b>You can give more than one answer.</b> 1. Plant crops, for example: field crops, plantations, vegetables 2. Livestock (for example, sheep and goats, cattle, poultry, pigs, horses, beehives; excluding petting zoo animals) 3. Aquaculture, for example: fish, seafood, algae 4. Other agricultural activities <Specify> _____	
<b>Crop type</b>	
<b>Your percentage of the business partnership</b>	
<b>Area in dunams/head/beehives/area of ponds in respondent's share of the partnership</b>	

## Agricultural Census Questionnaire

### Section 4 – Workers in 2017

#### 4.20 Which of the following types of workers were employed on the agricultural farm? (You can give more than one answer.)

1. Family members aged 15 or over
2. Israeli workers other than family members
3. Foreign workers
4. Palestinians
5. Other workers not mentioned above (interns, volunteers, etc.)

#### 1. Family members aged 15 and over

4.30 How many family members were employed for wages? \_\_\_\_\_

4.40 How many family members were employed without wages? -  
\_\_\_\_\_

Please list the family members who were employed on the farm for wages and without wages:

Relationship to head of farm (family head)	First name	Last name	Age	Extent of work on the farm 1. Part-time 2. Full-time

#### 2. Israeli workers other than family members

4.100 How many Israelis were employed on the farm (other than family members)? \_\_\_\_\_

4.110 How many of these were permanent workers? \_\_\_\_\_

4.120 How many of these were seasonal workers? \_\_\_\_\_

## Agricultural Census Questionnaire

### 3. Foreign workers

4.130 How many foreign workers were employed on the farm (other than family members)? \_\_\_\_\_

4.140 How many of these were permanent workers? \_\_\_\_\_

4.150 How many of these were seasonal workers? \_\_\_\_\_

4.155 Where do the foreign workers who are employed on the agricultural farm reside?

1. They all live in the farm's locality
2. Most of them live in farm's locality
3. A minority of them live in the farm's locality
4. None of them live in the farm's locality

### 4. Palestinians

4.160 How many Palestinians were employed on the farm? \_\_\_\_\_

4.170 How many of these were permanent workers? \_\_\_\_\_

4.180 How many of these were seasonal workers? \_\_\_\_\_

### 5. Other workers not mentioned above (interns, volunteers, etc.)

4.200 How many other workers were employed on the farm?

4.205 Thus, the total number of workers is <calculation of number of workers>.

1. Yes
2. No

4.210 Were any workers hired for agricultural work indirectly, for example, through a manpower agency (excluding cleaners, security guards, etc.)?

1. Yes
2. No

4.220 For how many work days were workers hired indirectly? \_\_\_\_\_

## Agricultural Census Questionnaire

**4.230 Does the farm hire agricultural services or work through contracting, such as fruit picking, spraying, harvesting, or weeding?**

Note: Contracting refers to work done according to output without taking into account the number of workers.

1. Yes
2. No

SAMPLE

## Agricultural Census Questionnaire

### Section 5 – Plant Crops

Now I will ask about plant crops in 2017.

You indicated that you raised plant crops in 2017. Please list the types of plant crops that you raised.

Name of crop	Location of crop	Cultivated area, in dunams	Number of cycles	Method 1. Open field 2. Tunnel 3. Net house 4. Greenhouse 5. Netting 6. Other <Specify> _____	Dryland farming (incl. with supplemental irrigation) 1. Yes 2. No

## Agricultural Census Questionnaire

### Section 6 – Marketing of Agricultural Produce

The following questions refer to marketing of agricultural produce.

**6.10 To which of the following targets do you sell the agricultural produce of the <fruit/vegetables> that you grow?**

**You can give more than one answer.**

1. A wholesaler
2. A chain store
3. Export
4. Manufacturing
5. Co-operative/Growers' organizations
6. Other <Specify> \_\_\_\_\_

## Agricultural Census Questionnaire

### Section 7 – Cultivation Methods, Irrigation, Pest Control, Fertilization, and Land Preservation

Now I will ask about methods of cultivation and irrigation in 2017.

**7.10 What type of water was used for irrigation? You can give more than one answer.**

1. Drinking water. Specify the percentage used \_\_\_\_\_
2. Dan Region Reclamation Project (DRRP; Shafdan). Specify the percentage used \_\_\_\_\_
3. Effluent water. Specify the percentage used \_\_\_\_\_
4. Saline water. Specify the percentage used \_\_\_\_\_
5. Flood water. Specify the percentage used \_\_\_\_\_
6. Other. Specify the percentage used \_\_\_\_\_

7.10.6 Other

<Specify> \_\_\_\_\_

**7.20 What irrigation method was used?**

**You can give more than one answer.**

1. Drip
2. Sprinklers
3. Center-pivot/rain gun irrigation system
4. Other

<Specify> \_\_\_\_\_

## Agricultural Census Questionnaire

Now I will ask about use of fertilizers and pesticides, and about soil conservation, in 2017.

### 7.30 What types of fertilizer did you use?

You can give more than one answer.

1. Chemical (mineral) fertilizers
2. Organic fertilizers (incl. compost)
3. Manure
4. Effluents
5. No fertilizer was used
6. Other

<Specify> \_\_\_\_\_

### 7.40 What types of pesticides did you use?

You can give more than one answer.

1. Fungicides
2. Fumigants
3. Herbicides
4. Insecticides and acaricides
5. Rodenticides
6. Biological pest control (e.g., barn owls)
7. No pesticides were used
8. Other

<Specify> \_\_\_\_\_

### 7.50 Was any soil conservation action taken?

Soil conservation refers to carrying out activities that protect the soil and rehabilitate it from degradation and from the loss of its productive capacity as a result of poor irrigation, erosion, or salinization.

1. No

## Agricultural Census Questionnaire

2. Yes, in the field crop and plantation areas
3. Yes, in the field crop areas only
4. Yes, in the plantation areas only

SAMPLE

## Agricultural Census Questionnaire

### Section 8 – Livestock

The following questions refer to raising livestock during 2017.

You indicated that you raised livestock in 2017. Please list all the types of livestock that you raised.

Includes sheep, goats, cattle, poultry, pigs, horses, beehives, etc. Does not include animals in petting zoos.

Note: Raising horses is an agricultural branch. Use of horses for therapeutic riding is not an agricultural branch.

Livestock type	Main location of activity	Number of adult head in the latest raising cycle/ number of hives	Number of cycles

## Agricultural Census Questionnaire

### Section 9 – Aquaculture

The following questions refer to aquaculture during 2017.

You indicated that you engaged in aquaculture during 2017. Please list the types of activities.

Type of aquaculture activity	Location of aquaculture activity	Area of ponds, in dunams	Area of tanks, in m <sup>2</sup>	Type of water (you can give more than one answer) 1. Drinking water 2. Saline water 3. Seawater 4. Flood water 5. Other <Specify> _____	Specify the percentage use of the water 1. _____ 2. _____ 3. _____ 4. _____ 5. _____

## Agricultural Census Questionnaire

### Section 10 – Percentage of Income from Agriculture

10.10 What percentage of the farm's income did agricultural activity account for?

\_\_\_\_\_ %

SAMPLE

## Agricultural Census Questionnaire

### Section 11 – Associated Activities

Now I will ask about additional activities on the farm that are related to agriculture.

Question number	Activity	Response
11.10.1	Handling of agricultural produce, e.g., packing house, refrigeration facilities	Yes/No
11.10.2	Processing and/or sale of processed agricultural produce, e.g., a dairy, winery, olive press, fruit cannery	Yes/No
11.10.3	Direct sale of fresh agricultural produce, e.g., fruit, vegetables, flowers	Yes/No
11.10.4	Agricultural tourism, e.g., visitor center, agricultural tours, fruit picking by visitors	Yes/No
11.10.5	Contracting services for agricultural work such as soil cultivation, caring for plants or livestock	Yes/No
11.10.6	Other activity <Specify> _____	Yes/No

Now I will ask about additional activities on the farm that are not related to agriculture.

Question number	Activity	Response
11.20.1	Rural tourism and activities for which visitors are charged: guest houses, bed and breakfasts, catering, swimming pools, tours	Yes/No
11.20.2	Renewable energy, e.g., biogas, solar energy, wind turbines	Yes/No
11.20.3	Manufacturing, e.g., factory, garage, carpentry shop, welding workshop	Yes/No
11.20.4	Trade and services: rental of business space, e.g., for educational and recreational services	Yes/No
11.20.5	Ornamental plant nursery	Yes/No
11.20.6	Gardening services to private customers or localities	Yes/No
11.20.7	Other activity <Specify> _____	Yes/No

## Agricultural Census Questionnaire

### Section 12 – Miscellaneous

Now I will ask about your last sales transaction of <the crop with the largest area> that you sold to the domestic market.

Note: The intent of the question is to gather information about the price gap between the agricultural farm and the chain store or wholesale market.

**12.10 What was the date of your last sales transaction of <the crop with the largest area>?**

Day/Month/Year (2017–2018) \_\_\_\_\_

**12.20 What was the price in New Israeli Shekels per kilogram of <the crop with the largest area>?**

\_\_\_\_\_ New Israeli Shekels

**12.30 Quantity sold, in kilograms: \_\_\_\_\_ kg**

**12.40 To whom did you sell <the crop with the largest area>?**

1. A wholesaler
2. A chain store
3. Other <Specify> \_\_\_\_\_

# **TABLES**

(PRESENTED IN HEBREW ORDER – FROM RIGHT TO LEFT)

# EXPLANATORY NOTES

## Area Covered by the Statistical Data

The statistical data relate to the economic territory of the State of Israel, unless otherwise stated.

**A. The economic territory of a country** (according to the definition of the OECD-SNA):

The economic territory of a country consists of the geographic territory administered by a government within which persons, goods and capital circulate freely.

**The economic territory of the State of Israel:** According to this definition, the economic territory of the State of Israel is as indicated in paragraph B below.

**B. District and Sub-District:**

The districts and sub-districts were defined according to the official administrative division of the State of Israel, which includes 6 districts and 15 sub-districts. Including Israeli localities in the Judea and Samaria Area.

## Special Symbols in the Tables

- = No cases
- .. = Unknown or not for publication
- 0 = A value smaller than half the unit by which data are presented in the table

Blank space = Irrelevant due to the table's structure

## Explanatory Notes

1. **Rounding of numbers** – Numbers do not necessarily sum to totals, due to rounding.
2. **The data for all the farms** – This amount is not necessarily a sum of the farms, because each farm is counted only once, even if it engages in more than one branch or grows crops using more than one cultivation method.
3. **Farms in Druze localities** – collected centrally through the water associations.
4. **Judea and Samaria Area** – Israeli localities only.
5. **Kibbutzim** Also including collective moshavim.

**TABLE 1. AGRICULTURAL FARMS, BY DISTRICT, REGIONAL COUNCIL, SECTOR, AND TYPE** , לפי מחוז, מועצה אזורית, מגזר וסוג

District and regional council	2017				סך הכל Total	מחוז ומועצה אזורית
	מגזר ערבי Arab sector	מגזר יהודי Jewish sector				
		משקים אחרים Other farms	מושבים Moshavim	קיבוצים(1) Kibbutzim(1)		
<b>Grand Total</b>	<b>4,497</b>	<b>1,750</b>	<b>10,863</b>	<b>307</b>	<b>17,417</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>3,984</b>	<b>681</b>	<b>4,548</b>	<b>167</b>	<b>9,380</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	-	68	-	68	אלונה
Bustan El-Marj	19	-	-	-	19	בוסתן אל-מרג'
Golan	-	11	476	13	500	גולן
HaGilbo'a	40	8	325	9	382	הגלבוע
HaGalil HaElyon	..	..	-	29	30	הגליל העליון
HaGalil HaTahton	-	22	319	4	345	הגליל התחתון
Zevulun	9	-	74	5	88	זבולון
Hof HaKarmel	35	15	244	10	304	חוף הכרמל
Mevo'ot HaHermon	-	15	431	-	446	מבואות החרמון
Megiddo	..	..	69	9	82	מגידו
Matte Asher	17	8	322	20	367	מטה אשר
Menashe	7	8	135	10	160	מנשה
Ma'ale' Yosef	-	12	772	-	784	מעלה יוסף
Merom HaGalil	25	12	685	1	723	מרום הגליל
Misgav	40	16	26	8	90	משגב
Emeq HaYarden	-	29	54	17	100	עמק הירדן
Emeq HaMa'ayanot	-	37	107	16	160	עמק המעיינות
Emeq Yizre'el	8	16	440	16	480	עמק יזרעאל
Outside of regional councils	3,784	467	-	-	4,252	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>281</b>	<b>664</b>	<b>2,764</b>	<b>42</b>	<b>3,751</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	-	5	76	2	83	ברנר
Gederot	-	4	130	-	134	גדרות
Gezer	-	69	302	7	378	גזר
Gan Rawe	..	..	152	1	154	גן רווה
Derom HaSharon	-	41	381	8	430	דרום השרון
Hevel Yavne	-	-	19	3	22	חבל יבנה
Hevel Modi'in	-	6	237	2	245	חבל מודיעין
Hof HaSharon	..	..	237	5	245	חוף השרון
Lev HaSharon	-	50	416	2	468	לב השרון
Nahal Soreq	-	18	33	2	53	נחל שורק
Emeq Hefer	-	10	690	10	710	עמק חפר
Emeq Lod	-	6	90	-	96	עמק לוד
Outside of regional councils	281	451	1	-	733	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>232</b>	<b>219</b>	<b>3,291</b>	<b>81</b>	<b>3,823</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	-	9	402	14	425	אשכול
Be'er Toviyya	-	3	553	2	558	באר טוביה
Bene Shim'on	-	4	60	8	72	בני שמעון
HaArava HaTikhona	-	3	463	-	466	הערבה התיכונה
Hevel Elot	..	..	-	10	12	חבל אילות
Hof Ashqelon	-	19	193	6	218	חוף אשקלון
Yo'av	4	5	40	8	57	יואב
Lakhish	-	-	296	1	297	לכיש
Matte Yehuda	..	..	364	12	387	מטה יהודה
Merhavim	-	9	370	-	379	מרחבים
Ramat Negev	-	27	72	4	103	רמת נגב
Sedot Negev	..	..	248	2	254	שדות נגב
Sha'ar HaNegev	..	..	25	10	39	שער הנגב
Shafir	-	3	144	2	149	שפיר
Tamar	..	..	60	2	64	תמר
Outside of regional councils	224	118	1	-	343	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(2)</b>		<b>186</b>	<b>260</b>	<b>17</b>	<b>463</b>	<b>אזור יהודה והשומרון(2)</b>

(1) Also including collective moshavim.

(2) Israeli localities.

(1) כולל גם מושבים שיתופיים.

(2) יישובים ישראליים.

**TABLE 2. AVERAGE AGE OF RESPONDENTS  
TO THE AGRICULTURAL CENSUS 2017,  
BY DISTRICT, SECTOR, AND TYPE OF FARM**

**לוח 2. גיל ממוצע של המשיבים  
במפקד החקלאות 2017,  
לפי מחוז, מגזר וסוג משק**

District	מגזר ערבי Arab sector	מגזר יהודי Jewish sector			סך הכל Total	מחוז
		משקים אחרים Other farms	מושבים Moshavim	קיבוצים(1) Kibbutzim(1)		
<b>Total</b>	<b>53</b>	<b>60</b>	<b>60</b>	<b>55</b>	<b>59</b>	<b>סך הכל</b>
Haifa	52	61	62	58	<b>59</b>	חיפה
Northern	54	61	60	56	<b>58</b>	הצפון
Tel Aviv	-	63	-	-	<b>63</b>	תל אביב
Central	54	63	64	49	<b>63</b>	המרכז
Jerusalem	50	58	63	56	<b>62</b>	ירושלים
Southern	46	55	58	58	<b>57</b>	הדרום
Judea and Samaria Area(2)		50	58	53	<b>54</b>	אזור יהודה והשומרון(2)

(1) Also including collective moshavim.

(2) Israeli localities.

(1) כולל גם מושבים שיתופיים.

(2) יישובים ישראליים.

TABLE 3. AGRICULTURAL CROP AREAS, BY GROUP, DISTRICT, AND REGIONAL COUNCIL(1)

לוח 3. שטחי גידולים חקלאיים, לפי קבוצה, מחוז ומועצה אזורית(1)

District and regional council	2017					סך הכל Total	מחוז ומועצה אזורית
	מטעים Plantations		ירקות, תפוחי אדמה ומקשה Vegetables, potatoes, and melons	גידולי שדה Field crops	פרחים וצמחי נוי Flowers and garden plants		
	פרי הדר Citrus	מטעים אחרים Other plantations					
<b>Grand total</b>	<b>196.4</b>	<b>688.8</b>	<b>860.1</b>	<b>1,765.2</b>	<b>50.1</b>	<b>3,560.6</b>	<b>סך כולל</b>
<b>Nothern and Haifa Districts</b>	<b>42.5</b>	<b>396.6</b>	<b>175.4</b>	<b>633.2</b>	<b>17.4</b>	<b>1,265.2</b>	<b>מחוזות הצפון וחיפה</b>
Allona	..	3.8	..	0.2	..	4.2	אלונה
Bustan El-Marj	-	0.0	..	..	-	0.1	בוסתן אל-מרג'
Biq'at Bet She'an	0.8	17.0	31.7	62.0	0.3	111.8	בקעת בית שאן
Golan	3.3	52.2	5.0	28.3	0.8	89.6	גולן
HaGilbo'a	3.5	9.8	27.5	75.4	1.5	117.8	הגלבע
HaGalil HaElyon	8.4	33.1	26.6	45.6	0.1	113.8	הגליל העליון
HaGalil HaTahton	1.5	16.4	4.1	56.0	0.1	78.2	הגליל התחתון
Zevulun	0.1	3.1	6.2	23.7	0.7	33.7	זבולון
Hof HaKarmelL	0.4	24.4	3.6	19.7	0.2	48.1	חוף הכרמל
Mevo'ot HaHermon	2.5	14.8	0.1	1.5	0.0	18.9	מבואות החרמון
Megiddo	0.9	9.1	5.3	45.4	0.3	60.9	מגידו
Matte Asher	1.3	33.1	4.9	68.3	0.2	107.7	מטה אשר
Menashe	5.6	14.9	3.7	17.8	1.6	43.6	מנשה
Ma'ale Yosef	0.0	7.0	0.4	0.0	0.3	7.7	מעלה יוסף
Merom HaGalil	0.3	15.6	0.2	2.3	0.1	18.4	מרום הגליל
Misgav	0.1	1.8	0.2	1.5	0.0	3.6	משגב
Emeq HaYarden	2.2	29.7	6.4	21.3	0.1	59.7	עמק הירדן
Emeq Yizre'el	5.3	12.9	29.1	121.5	1.3	170.2	עמק יזרעאל
Outside of regional councils	6.5	97.8	20.4	42.7	9.7	177.1	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>71.2</b>	<b>82.9</b>	<b>99.7</b>	<b>254.4</b>	<b>20.2</b>	<b>528.2</b>	<b>מחוזות המרכז ותל אביב</b>
Brenner	2.0	6.1	2.8	6.7	0.2	17.8	ברנר
Gederot	1.9	4.0	0.4	1.5	0.2	7.9	גדרות
Gezer	1.9	11.2	18.5	121.7	0.4	153.7	גזר
Gan Rawe	2.4	1.7	1.4	4.9	1.6	12.0	גן רווה
Derom HaSharon	10.4	11.1	16.4	25.0	1.2	64.1	דרום השרון
Hevel Yavne	2.8	4.4	0.1	11.7	0.2	19.2	חבל יבנה
Hevel Modi'in	1.3	5.1	4.8	13.7	0.5	25.4	חבל מודיעין
Hof HaSharon	6.8	6.0	4.3	7.1	1.9	26.2	חוף השרון
Lev HaSharon	6.2	3.2	8.4	4.6	4.8	27.3	לב השרון
Nahal Soreq	0.3	1.4	2.5	7.4	0.1	11.7	נחל שורק
Emeq Hefer	21.2	13.2	9.6	33.9	7.0	84.9	עמק חפר
Emeq Lod	0.7	0.9	1.8	4.8	0.2	8.3	עמק לוד
Outside of regional councils	13.2	14.5	28.8	11.4	2.0	69.9	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>71.7</b>	<b>162.3</b>	<b>568.0</b>	<b>857.8</b>	<b>11.2</b>	<b>1,671.1</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	18.1	12.4	204.3	204.2	3.7	442.6	אשכול
Be'er Toviyya	3.3	15.4	24.2	21.7	1.9	66.5	באר טוביה
Bene Shim'on	0.2	3.6	74.8	75.8	0.0	154.4	בני שמעון
HaArava HaTikhona	0.1	8.9	24.4	..	..	34.4	הערבה התיכונה
Hevel Elot	0.2	9.2	7.0	..	..	16.7	חבל אילות
Hof Ashqelon	5.9	5.0	8.0	35.0	1.0	54.9	חוף אשקלון
Yo'av	1.4	16.8	16.4	87.7	0.3	122.6	יואב
Lakhish	2.7	24.4	29.3	30.6	1.1	88.1	לכיש
Matte Yehuda	1.6	28.5	12.1	42.1	0.3	84.7	מטה יהודה
Merhavim	12.4	3.7	46.6	26.0	0.1	88.9	מרחבים
Ramat Negev	..	9.2	15.4	15.2	..	40.0	רמת נגב
Sedot Negev	7.5	4.7	42.6	125.1	0.6	180.5	שדות נגב
Sha'ar HaNegev	12.3	2.2	37.5	106.0	0.2	158.2	שער הנגב
Shafir	2.4	7.9	6.1	36.4	0.5	53.3	שפיר
Tamar	-	2.4	6.9	2.9	-	12.2	תמר
Outside of regional councils	3.5	7.9	12.7	48.8	0.3	73.2	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(2)</b>	<b>11.0</b>	<b>47.0</b>	<b>17.0</b>	<b>19.7</b>	<b>1.4</b>	<b>96.1</b>	<b>אזור יהודה והשומרון(2)</b>

(1) Including duplications due to the multiple-crop system.

(1) כולל כפילויות הנובעות משיטת רב-הגידול.

(2) Israeli localities.

(2) יישובים ישראליים.

**TABLE 4. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS,  
BY TYPE OF CROP AND TYPE OF FARM**

2017

שטח בדונמים

Type of crop	קיבוצים(4) Kibbutzim(4)			מושבים פרטיים Moshavim and private farms			סך הכל Total			סוג גידול
	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)(3)	שטח Area	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)(3)	שטח Area	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)(3)	שטח Area	
<b>Grand Total</b>	<b>4,811</b>	<b>304</b>	<b>1,462,557</b>	<b>193</b>	<b>10,204</b>	<b>1,970,690</b>	<b>327</b>	<b>10,508</b>	<b>3,433,247</b>	<b>סך כולל</b>
<b>Field crops</b>	<b>3,658</b>	<b>246</b>	<b>899,848</b>	<b>392</b>	<b>2,176</b>	<b>852,042</b>	<b>723</b>	<b>2,422</b>	<b>1,751,890</b>	<b>גידולי שדה</b>
Groundnuts (peanuts)	699	41	28,679	426	22	9,367	604	63	38,046	אגוזי אדמה (בוטנים)
Field crops for seedlings	477	53	25,264	180	51	9,171	331	104	34,435	גידולי שדה לזרעים
Field crops for straw	1,398	10	13,983	237	296	70,179	275	306	84,162	גידולי שדה לקש
Field crops for hay	1,192	164	195,442	266	1,501	399,404	357	1,665	594,846	גידולי שדה לשתת
Wheat for grains	2,651	118	312,872	457	432	197,599	928	550	510,471	חטיה לגרגרים
Sunflowers	377	48	18,088	257	24	6,176	337	72	24,264	חמניות
Chick peas	518	95	49,208	271	86	23,293	401	181	72,501	תמניה
Cotton for fibres and seeds	843	53	44,655	303	13	3,933	736	66	48,588	כותנה לסיבים ולגרעינים
Green fodder and silage	833	147	122,378	371	219	81,180	556	366	203,558	מספוח ירוק ותחמיצים
Other legumes(5)	445	23	10,230	81	13	1,053	313	36	11,283	קטניות אחרות(5)
Barley for grains	1,598	23	36,757	365	93	33,917	609	116	70,674	שעורה לגרגרים
Corn on cob	426	92	39,177	241	60	14,483	353	152	53,660	תירס, קלחים
Other field crops	346	9	3,115	127	18	2,288	200	27	5,403	גידולי שדה אחרים
<b>Vegetables, potatoes, and melons</b>	<b>1,464</b>	<b>201</b>	<b>294,296</b>	<b>197</b>	<b>2,854</b>	<b>561,029</b>	<b>280</b>	<b>3,055</b>	<b>855,325</b>	<b>ירקות, תפוחי אדמה ומקשה</b>
Fresh peas	264	20	5,275	66	22	1,459	160	42	6,734	אפונה טרייה
Sweet potatoes	334	9	3,005	499	48	23,932	473	57	26,937	בטטות
Okra	-	-	-	5	17	87	5	17	87	במיה
Dry onions	193	67	12,949	131	188	24,538	147	255	37,487	בצל יבש
Broccoli	83	6	497	55	52	2,853	58	58	3,350	ברוקולי
Carrots	457	61	27,863	356	47	16,720	413	108	44,583	גזר
Pumpkin	174	8	1,390	50	124	6,161	57	132	7,551	דלעת
Jojoba	671	28	18,795	391	16	6,263	570	44	25,058	חומבה
Lettuce	16	4	62	60	216	12,969	59	220	13,031	חסה
Eggplants	..	..	..	..	..	..	35	308	10,659	חסילים
Coriander	174	6	1,043	42	116	4,900	49	122	5,943	תחלית
Cabbage	163	8	1,300	90	226	20,318	92	234	21,618	כרוב
Chinese cabbage (bok choy)	-	-	-	116	6	694	116	6	694	כרוב סיני
Cauliflower	280	3	840	131	96	12,573	135	99	13,413	כרובית
Leek	-	-	-	50	29	1,443	50	29	1,443	לוק
Cucumbers	..	..	..	..	..	..	20	494	9,701	מלפפונים
Swiss chard	-	-	-	6	37	236	6	37	236	מגולד (סלק עליים)

**TABLE 4. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS,  
BY TYPE OF CROP AND TYPE OF FARM (Cont.)**

Area in dunams

2017

שטח בדונמים

**לוח 4. שטחי גידולים חקלאיים(1) ומספר משקים,  
לפי סוג גידול וסוג משק (המשך)**

Type of crop	קובוצים(4) Kibbutzim(4)				מושבים ומשקים פרטיים Moshavim and private farms				סך הכל Total				סוג גידול
	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)(3)	שטח Area	מספר משקים(2) Number of farms(2)(3)	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)(3)	שטח Area	מספר משקים(2) Number of farms(2)(3)	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)(3)	שטח Area		
<b>Vegetables, potatoes, and melons (cont.)</b>													
Beets	432	5	2,160	53	81	4,327	86	75	6,487		<b>ירקות, תפוחי אדמה ומקנה (המשך)</b>		
Tomatoes for consumption	141	10	1,406	38	720	27,473	730	40	28,879	סלק			
Tomatoes for industry	296	34	10,070	321	18	5,774	52	305	15,844	עגבניות למאכל			
Cherry tomatoes	..	..	..	..	..	..	238	24	5,822	עגבניות שרי			
Parsley	169	9	1,525	26	158	4,040	167	33	5,565	פטרזיליה			
Peppers, not including hot	183	13	2,379	46	648	30,042	661	49	32,421	פלפל, לא כולל חריף			
Various spices	214	24	5,138	34	497	16,966	521	42	22,104	צמחי תבלין שונים			
Radish and small radish	421	10	4,210	107	62	6,630	72	151	10,840	צפון וצפונת			
Vegetable marrows	..	..	..	..	..	..	247	37	9,109	קישואים			
Garlic	209	32	6,686	75	45	3,381	77	131	10,067	שום			
Pod beans, fresh	209	31	6,491	61	28	1,715	59	139	8,206	שעועית טרייה			
Strawberries	..	..	..	..	..	..	184	36	6,696	תות שדה			
Spinach	..	..	..	..	..	..	39	20	791	תרד			
Vegetables for seedlings, excl. watermelons	1,425	8	11,400	58	81	4,713	89	181	16,113	ירקות לזרעים, ללא אבטיחים			
Other vegetables	665	31	20,605	74	841	61,825	872	95	82,430	ירקות אחרים			
Watermelons for seeds	647	73	47,213	321	44	14,126	117	524	61,339	אבטיחים לגרעינים			
Watermelons for seedlings	426	9	3,830	92	24	2,209	33	183	6,039	אבטיחים לזרעים			
Table watermelons	255	59	15,030	156	168	26,234	227	182	41,264	אבטיחים למאכל			
Melons	148	10	1,480	61	180	11,019	190	66	12,499	מלונים			
Potatoes	1,335	61	81,422	941	173	162,865	234	1,044	244,287	תפוחי אדמה			
<b>Citrus</b>											<b>פרי הדר</b>		
Grapefruits	365	109	39,836	82	1,913	156,596	2,022	97	196,432	אשכוליות			
Lemons	221	31	6,853	44	398	17,520	429	57	24,373	לימונים			
Tangerines	105	26	2,729	38	565	21,618	591	41	24,347	קליפסים			
Oranges	250	77	19,275	68	1,009	68,356	81	81	87,631	תפוזים			
Other citrus	146	33	4,819	45	805	36,245	838	49	41,064	פירות הדר אחרים			
	228	27	6,160	50	258	12,858	285	67	19,018				

**TABLE 4. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS,  
BY TYPE OF CROP AND TYPE OF FARM (Cont.)**

Area in dunams

2017

שטח בדונמים

**לוח 4. שטחי גידולים חקלאיים(1) ומספר משקים,  
לפי סוג גידול וסוג משק (המשך)**

Type of crop	קיבוצים(4) Kibbutzim(4)			מושבים ומשקים פרטיים Moshavim and private farms			סך הכל Total			סוג גידול
	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)(3)	שטח Area	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)(3)	שטח Area	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)(3)	שטח Area	
	(3)\(2)	(3)\(2)	(3)\(2)	(3)\(2)	(3)\(2)	(3)\(2)	(3)\(2)	(3)\(2)		
<b>Plantations, excl. citrus</b>	<b>978</b>	<b>229</b>	<b>223,923</b>	<b>77</b>	<b>4,638</b>	<b>355,361</b>	<b>119</b>	<b>4,867</b>	<b>579,284</b>	<b>הדר</b>
Avocados	563	127	71,459	51	788	40,155	122	915	111,614	מטעים, ללא פרי הדר
Nuts	206	4	823	13	238	3,174	17	242	3,997	אבוקדו
Pears	198	12	2,379	38	263	9,863	45	275	12,242	אגוזים
Sweetstop (sugar apple)	..	..	..	..	..	..	14	52	737	אנורה
Pineapple	85	4	340	26	62	1,600	29	66	1,940	אננס
Persimmons	199	22	4,383	49	199	9,691	64	221	14,074	אפרסקים
Peaches and nectarines	222	27	5,992	48	835	40,146	54	862	46,138	אפרסקים ונקטרינות
Kiwis	142	13	1,843	16	53	841	41	66	2,684	אקווינידיה (קזווי)
Bananas	578	39	22,524	46	159	7,295	151	198	29,819	בננות
Cherries	92	19	1,745	44	152	6,749	50	171	8,494	דובדבנים
Carob	-	-	-	17	3	51	17	3	51	חרובים
Agro-forestry	..	..	..	..	..	..	27	71	1,947	יער משקי
Lichi	53	17	905	14	112	1,577	19	129	2,482	ליצ'י
Apricots	66	8	525	22	211	4,544	23	219	5,069	משמש
Mangos	234	31	7,240	36	413	14,810	50	444	22,050	מנגו
Wine grapes	397	51	20,229	81	728	58,741	101	779	78,970	ענבי יין
Table grapes	601	8	4,810	59	536	31,543	67	544	36,353	ענבי מאכל
Carambola	-	-	-	6	12	77	6	12	77	קרבמבולה
Pomegranates	272	15	4,074	33	373	12,474	43	388	16,548	רימונים
Plums	154	10	1,543	34	309	10,371	37	319	11,914	שזיפים
Almonds	639	55	35,129	122	208	25,313	21	263	60,442	שקדים
Fruit sapplings	-	-	-	21	62	1,318	21	62	1,318	שתלי מטעים
Dates	581	36	20,902	62	517	32,123	96	553	53,025	תמרים
Apples	697	19	13,251	51	472	24,219	76	491	37,470	תפוחי עץ
Other fruits	173	18	3,105	29	577	16,726	33	595	19,831	פירות אחרים

**TABLE 4. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS, BY TYPE OF CROP AND TYPE OF FARM (Cont.)**

Area in dunams

2017

שטח בדוממים

**לוח 4. שטחי גידולים חקלאיים(1) ומספר משקים, לפי סוג גידול וסוג משק (המשך)**

Type of crop	קיבוצים(4) Kibbutzim(4)			מושבים ומשקים פרטיים Moshavim and private farms			סך הכל Total			סוג גידול
	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)	שטח Area	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)	שטח Area	שטח ממוצע למשק Average area per farm	מספר משקים(2) Number of farms(2)	שטח Area	
<b>Flowers and garden plants</b>	<b>179</b>	<b>26</b>	<b>4,655</b>	<b>49</b>	<b>923</b>	<b>45,662</b>	<b>53</b>	<b>949</b>	<b>50,317</b>	<b>פרחים וצמחי נוי</b>
Peonies	..	..	..	..	..	..	19	24	464	אדמונית
Atalia	-	-	-	11	6	64	11	6	64	ארליה
Gypsophila	-	-	-	49	13	639	49	13	639	גבסנית
Gerbera	-	-	-	5	6	27	5	6	27	גרברה
Roses	-	-	-	16	39	618	16	39	618	ורד
Green and other decorative branches	..	..	..	..	..	..	39	97	3,754	ירוקים וענפי קישוט אחרים
Anemones	-	-	-	13	14	177	13	14	177	פלגנית
Lisianthus	-	-	-	30	13	393	30	13	393	ליזיאנטוס (פנפה)
Aspidistra	-	-	-	12	14	170	12	14	170	מגנית
Buttercup	-	-	-	21	13	276	43	16	694	נורית
Pittosporum	-	-	-	30	26	782	30	26	782	פיטוספורום
Waxflower	-	-	-	62	32	1,973	62	32	1,973	פרח שעווה (שעווית)
Garden plants and reproductive products	227	6	1,362	37	259	9,557	41	265	10,919	צמחי נוי ומצוירי ריבוי
White and coloured calla	-	-	-	11	9	97	11	9	97	קאלה לבנה וצבעונית
Ruscus	-	-	-	19	64	1,221	19	64	1,221	רוסקוס (צבובנית)
Lily	-	-	-	32	8	253	32	8	253	שושן
Other flowers	148	18	2,655	49	524	25,419	52	542	28,074	פרחים אחרים

- (1) Excluding olive groves.  
 (2) Not including duplications – farms that grow more than one crop.  
 (3) Excluding farms in the Druze localities of the Golan Heights.  
 (4) Also including collective moshavim.  
 (5) Including peas for drying and freezing, black-eyed peas, and lentils.

TABLE 5. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS,(2) BY DISTRICT AND TYPE

לוח 5. שטחי גידולים חקלאיים(1) ומספר משקים(2), לפי מחוז וסוג

2017			
District and type of crop	מספר משקים(3)(4)	שטח (דונמים) Area (dunams)	מחוז וסוג גידול
<b>Grand total</b>	<b>10,508</b>	<b>3,433,247</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>4,258</b>	<b>1,193,605</b>	<b>מחוזות חיפה והצפון</b>
<b>Field crops</b>	<b>1,242</b>	<b>633,194</b>	<b>גידולי שדה</b>
Groundnuts (peanuts)	15	4,595	אגוזי אדמה (בוטנים)
Field crops for seedlings	58	17,026	גידולי שדה לזרעים
Field crops for straw	151	58,736	גידולי שדה לקש
Field crops for hay	911	216,975	גידולי שדה לשחת
Wheat for grains	290	125,278	חיטה לגרגירים
Sunflowers	32	7,442	חמניות
Chick peas	90	27,405	חמצה
Cotton for fibres and seeds	32	20,320	כותנה לסיבים ולגרעינים
Green fodder and silage	229	87,848	מספוא ירוק ותחמיצים
Barley for grains	41	10,821	שעורה לגרגירים
Corn on cob	100	40,242	תירס, קלחים
Other field crops	18	5,286	גידולי שדה אחרים
Other legumes(5)	31	11,221	קטניות אחרות(5)
<b>Vegetables, potatoes, and melons</b>	<b>791</b>	<b>175,398</b>	<b>ירקות, תפוחי אדמה ומקשה</b>
Fresh peas	26	6,534	אפונה טרייה
Sweet potatoes	4	510	בטטות
Okra	9	32	במיה
Dry onions	119	15,785	בצל יבש
Broccoli	20	2,093	ברוקולי
Carrots	34	14,430	גזר
Pumpkin	32	1,592	דלעת
Jojoba	..	..	חוחובה
Lettuce	55	1,438	חסה
Eggplants	66	884	חצילים
Radish and small radish	14	73	צנן וצנונית
Coriander	39	2,488	כוסברה
Cabbage	52	1,293	כרוב
Chinese cabbage (bok choy)	..	..	כרוב סיני
Cauliflower	17	264	כרובית
Leek	3	66	לוף
Cucumbers	166	2,846	מלפפונים
Swiss chard	12	52	מנגולד (סלק עלים)
Beets	35	3,680	סלק
Tomatoes for consumption	166	4,479	עגבניות למאכל
Tomatoes for industry	43	14,767	עגבניות לתעשייה
Cherry tomatoes	18	116	עגבניות שרי
Parsley	61	2,043	פטרזיליה
Peppers, not including hot	116	3,275	פפלי, לא כולל חריף
Various spices	155	6,775	צמחי תבלין שונים
Vegetable marrows	58	1,070	קישואים
Garlic	64	9,587	שום
Pod beans, fresh	46	7,151	שעועית טרייה
Strawberries	9	246	תות שדה
Spinach	19	166	תרד
Vegetables for seedlings, excl. watermelons	28	3,220	ירקות לזרעים, ללא אבטיחים
Other vegetables	245	18,441	ירקות אחרים
Watermelons for seeds	55	20,698	אבטיחים לגרעינים
Watermelons for seedlings	22	3,575	אבטיחים לזרעים
Table watermelons	102	19,069	אבטיחים למאכל
Melons	45	1,703	מלונים
Potatoes	21	4,429	תפוחי אדמה
<b>Citrus</b>	<b>529</b>	<b>42,533</b>	<b>פרי הדר</b>
Grapefruits	125	8,498	אשכוליות
Lemons	155	3,801	לימונים
Tangerines	308	22,671	קליפים
Oranges	137	4,254	תפוזים
Other citrus	64	3,309	פירות הדר אחרים

**TABLE 5. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS,(2) BY DISTRICT AND TYPE (Cont.)**
**לוח 5. שטחי גידולים חקלאיים (1) ומספר משקים (2), לפי מחוז וסוג (המשך)**

2017			
District and type of crop	מספר משקים(3)(4) Number of farms(3)(4)	שטח (דונמים) Area (dunams)	מחוז וסוג גידול
<b>Plantations, excl. citrus</b>	<b>2,541</b>	<b>324,939</b>	<b>מטעים, ללא פרי הדר</b>
Avocados	507	63,243	אבוקדו
Nuts	81	1,829	אגוזים
Pears	268	12,116	אגסים
Sweetsop (sugar apple)	25	569	אננה
Pineapple	6	500	אנס
Persimmons	44	1,819	אפרסמון
Peaches and nectarines	643	28,535	אפרסקים ונקטרינות
Kiwis	66	2,684	אקטינידיה (קיווי)
Bananas	190	29,239	בננות
Cherries	151	7,808	דובדבנים
Lichi	113	2,316	ליצ'י
Agro-forestry	15	752	יער משקי
Apricots	190	4,403	משמש
Mangos	332	19,539	מנגו
Wine grapes	460	43,660	ענבי יין
Table grapes	127	3,096	ענבי מאכל
Pomegranates	169	4,552	רימונים
Plums	266	10,905	שזיפים
Almonds	218	33,933	שקדים
Fruit saplings	28	528	שתילי מטעים
Dates	112	9,441	תמרים
Apples	428	34,529	תפוחי עץ
Other fruits	242	8,944	פירות אחרים
<b>Flowers and garden plants</b>	<b>206</b>	<b>17,541</b>	<b>פרחים וצמחי נוי</b>
Peonies	18	361	אדמונית
Roses	11	169	ורד
Green and other decorative branches	19	610	ירוקים וענפי קישוט אחרים
Anemones	4	51	כלנית
Aspidistra	..	..	מגינית
Buttercup	4	68	נורית
Pittosporum	..	..	פיטוספורום
Waxflower	..	..	פרח שעווה (שעווית)
Garden plants and reproductive products	53	2,301	צמחי נוי ומוצרי ריבוי
Ruscus	8	87	רוסקוס (עצבונית)
Lily	..	..	שושן
Other flowers	124	13,750	פרחים אחרים
<b>Tel Aviv and Central Districts</b>	<b>2,952</b>	<b>511,878</b>	<b>מחוזות תל אביב והמרכז</b>
<b>Field crops</b>	<b>471</b>	<b>252,385</b>	<b>גידולי שדה</b>
Groundnuts (peanuts)	11	3,750	אגוזי אדמה (בוטנים)
Field crops for seedlings	26	10,297	גידולי שדה לזרעים
Field crops for straw	70	7,055	גידולי שדה ליקש
Field crops for hay	310	135,331	גידולי שדה לשחת
Wheat for grains	74	20,348	חיטה לגרגירים
Sunflowers	..	..	חמניות
Chick peas	33	11,492	חמצה
Cotton for fibres and seeds	20	14,514	כותנה לסיבים ולגרעינים
Green fodder and silage	65	35,220	מספוא ירוק ותחמיצים
Barley for grains	17	5,018	שעורה לגרגירים
Corn on cob	27	7,790	תירס, קלחים
Other field crops	..	..	גידולי שדה אחרים
Other legumes(5)	..	..	קטניות אחרות(5)

**TABLE 5. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS,(2) BY DISTRICT AND TYPE (Cont.)**

**לוח 5. שטחי גידולים חקלאיים(1) ומספר משקים(2), לפי מחוז וסוג (המשך)**

2017			
District and type of crop	מספר משקים(3)(4)	שטח (דונמים) Area (dunams)	מחוז וסוג גידול
<b>Vegetables, potatoes, and melons</b>	<b>801</b>	<b>98,264</b>	<b>ירקות, תפוחי אדמה ומקשה</b>
Fresh peas	6	96	אפונה טרייה
Sweet potatoes	32	9,643	בטטות
Okra	4	33	במיה
Dry onions	34	3,273	בצל יבש
Broccoli	13	478	ברוקולי
Carrots	22	2,325	גזר
Pumpkin	22	972	דלעת
Jojoba	..	..	חוחובה
Lettuce	74	3,624	חסה
Eggplants	93	4,962	חצילים
Radish and small radish	21	412	צנון וצנונית
Coriander	22	387	כוסברה
Cabbage	62	4,923	כרוב
Chinese cabbage (bok choy)	..	..	כרוב סיני
Cauliflower	29	2,105	כרובית
Leek	11	481	לוף
Cucumbers	208	3,985	מלפפונים
Swiss chard	8	52	מנגולד (סלק עלים)
Beets	19	341	סלק
Tomatoes for consumption	159	2,147	עגבניות למאכל
Cherry tomatoes	37	488	עגבניות שרי
Parsley	34	427	פטרוזיליה
Peppers, not including hot	71	1,272	פלפל, לא כולל חריף
Various spices	108	1,978	צמחי תבלין שונים
Vegetable marrows	75	2,650	קישואים
Garlic	..	..	שום
Pod beans, fresh	7	45	שעועית טרייה
Strawberries	162	6,316	תות שדה
Spinach	9	426	תרד
Vegetables for seedlings, excl. watermelons	..	..	ירקות לזרעים, ללא אבטיחים
Other vegetables	246	13,191	ירקות אחרים
Watermelons for seeds	20	7,848	אבטיחים לגרעינים
Watermelons for seedlings	..	..	אבטיחים לזרעים
Table watermelons	20	5,336	אבטיחים למאכל
Melons	28	1,999	מלונים
Potatoes	51	15,253	תפוחי אדמה
<b>Citrus</b>	<b>1,005</b>	<b>71,167</b>	<b>פרי הדר</b>
Grapefruits	270	7,894	אשכוליות
Lemons	106	2,044	לימונים
Tangerines	588	31,771	קליפים
Oranges	497	16,698	תפוזים
Other citrus	151	12,761	פירות הדר אחרים

**TABLE 5. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS,(2) BY DISTRICT AND TYPE (Cont.)**
**לוח 5. שטחי גידולים חקלאיים (1) ומספר משקים (2), לפי מחוז וסוג (המשך)**

2017			
District and type of crop	מספר משקים(3)(4) Number of farms(3)(4)	שטח (דונמים) Area (dunams)	מחוז וסוג גידול
<b>Plantations, excl. citrus</b>	<b>1,045</b>	<b>69,886</b>	<b>מטעים, ללא פרי הדר</b>
Avocados	339	26,861	אבוקדו
Nuts	151	1,682	אגוזים
Pears	..	..	אגסים
Sweetsop (sugar apple)	25	158	אנונה
Pineapple	25	592	אנס
Persimmons	116	7,562	אפרסמון
Peaches and nectarines	67	4,516	אפרסקים ונקטרינות
Bananas	..	..	בננות
Cherries	..	..	דובדבנים
Carob	..	..	חרובים
Lichi	16	166	ליצ'י
Agro-forestry	45	1,061	יער משקי
Apricots	13	355	משמש
Mangos	57	543	מנגו
Wine grapes	110	13,200	ענבי יין
Table grapes	105	3,191	ענבי מאכל
Carambola	9	74	קרמבולה
Pomegranates	85	3,411	רימונים
Plums	29	446	שזיפים
Almonds	9	206	שקדים
Fruit saplings	22	391	שתילי מטעים
Dates	4	282	תמרים
Apples	27	2,361	תפוחי עץ
Other fruits	194	2,806	פירות אחרים
<b>Flowers and garden plants</b>	<b>438</b>	<b>20,176</b>	<b>פרחים וצמחי נוי</b>
Aralia	..	..	ארליה
Gypsophila	11	604	גבסנית
Gerbera	6	27	גרברה
Roses	3	100	ורד
Green and other decorative branches	55	2,454	ירוקים וענפי קישוט אחרים
Anemones	..	..	כלנית
Lisianthus	..	..	ליזיאנטוס (יפעה)
Aspidistra	10	140	מגינית
Buttercup	5	41	נורית
Pittosporum	23	545	פיטוספורום
Waxflower	..	..	פרח שעווה (שעווית)
Garden plants and reproductive products	143	6,432	צמחי נוי ומוצרי ריבוי
White and coloured calla	5	59	קלה לבנה וצבעונית
Ruscus	42	891	רוסקוס (עצבונית)
Lily	..	..	שושן
Other flowers	231	7,784	פרחים אחרים
<b>Jerusalem District and Judea and Samaria Area(6)</b>	<b>548</b>	<b>173,305</b>	<b>מחוז ירושלים ואזור יהודה והשומרון(6)</b>
<b>Field crops</b>	<b>68</b>	<b>61,849</b>	<b>גידולי שדה</b>
Groundnuts (peanuts)	4	2,951	אגוזי אדמה (בוטנים)
Field crops for seedlings	3	1,365	גידולי שדה לזרעים
Field crops for straw	9	1,641	גידולי שדה לקש
Field crops for hay	39	31,024	גידולי שדה לשחת
Wheat for grains	16	8,113	חיטה לגרגירים
Sunflowers	..	..	חמניות
Chick peas	9	4,580	חמצה
Cotton for fibres and seeds	3	1,700	כותנה לסיבים ולגרעינים
Green fodder and silage	9	7,750	מספוא ירוק ותחמיצים
Barley for grains	5	290	שעורה לגרגירים
Corn on cob	7	1,800	תירס, קלחים
Other legumes(5)	..	..	קטניות אחרות(5)

**TABLE 5. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS,(2) BY DISTRICT AND TYPE (Cont.)**

**לוח 5. שטחי גידולים חקלאיים(1) ומספר משקים(2), לפי מחוז וסוג (המשך)**

2017			
District and type of crop	מספר משקים(3)(4) Number of farms(3)(4)	שטח (דונמים) Area (dunams)	מחוז וסוג גידול
<b>Vegetables, potatoes, and melons</b>	<b>140</b>	<b>29,089</b>	<b>ירקות, תפוחי אדמה ומקשה</b>
Fresh peas	..	..	אפונה טרייה
Dry onions	16	2,000	בצל יבש
Broccoli	4	116	ברוקולי
Carrots	..	..	גזר
Pumpkin	3	180	דלעת
Jojoba	3	1,020	חוחובה
Lettuce	5	119	חסה
Eggplants	16	513	חצילים
Radish and small radish	4	120	צנון וצנונית
Coriander	6	591	כוסברה
Cabbage	8	198	כרוב
Cauliflower	..	..	כרובית
Cucumbers	3	7	מלפפונים
Swiss chard	..	..	מנגולד (סלק עלים)
Beets	..	..	סלק
Tomatoes for consumption	17	399	עגבניות למאכל
Tomatoes for industry	..	..	עגבניות לתעשייה
Cherry tomatoes	8	193	עגבניות שרי
Parsley	7	354	פטרזיליה
Peppers, not including hot	43	5,043	לפפל, לא כולל חריף
Various spices	62	3,967	צמחי תבלין שונים
Vegetable marrows	15	911	קישואים
Garlic	..	..	שום
Pod beans, fresh	..	..	שעועית טרייה
Strawberries	..	..	תות שדה
Spinach	..	..	תרד
Vegetables for seedlings, excl. watermelons	..	..	ירקות לזרעים, ללא אבטיחים
Other vegetables	43	3,486	ירקות אחרים
Watermelons for seeds	3	1,220	אבטיחים לגרעינים
Watermelons for seedlings	..	..	אבטיחים לזרעים
Table watermelons	13	3,196	אבטיחים למאכל
Melons	7	630	מלונים
Potatoes	..	..	תפוחי אדמה
<b>Citrus</b>	<b>31</b>	<b>12,633</b>	<b>פרי הדר</b>
Grapefruits	7	3,395	אשכוליות
Lemons	20	1,083	לימונים
Tangerines	12	5,146	קליפים
Oranges	9	2,776	תפוזים
Other citrus	7	235	פירות הדר אחרים
<b>Plantations, excl. citrus</b>	<b>404</b>	<b>68,013</b>	<b>מטעים, ללא פרי הדר</b>
Avocados	6	3,447	אבוקדו
Nuts	3	410	אגוזים
Pears	4	112	אגסים
Pineapple	..	..	אננס
Persimmons	4	1,404	אפרסמון
Peaches and nectarines	9	515	אפרסקים ונקטרינות
Cherries	18	648	דובדבנים
Agro-forestry	..	..	יער משקי
Apricots	4	95	משמש
Mangos	4	160	מנגו
Wine grapes	131	16,908	ענבי יין
Table grapes	99	5,320	ענבי מאכל
Pomegranates	14	524	רימונים
Plums	7	198	שזיפים
Almonds	14	12,600	שקדים
Fruit saplings	..	..	שתילי מטעים
Dates	166	24,231	תמרים
Apples	10	190	תפוחי עץ
Other fruits	39	1,083	פירות אחרים

**TABLE 5. AGRICULTURAL CROP AREAS(1) AND NUMBER  
OF FARMS,(2) BY DISTRICT AND TYPE (Cont.)**
**לוח 5. שטחי גידולים חקלאיים (1) ומספר משקים (2),  
לפי מחוז וסוג (המשך)**

2017			
District and type of crop	מספר משקים(3)(4)	שטח (דונמים) Area (dunams)	מחוז וסוג גידול
<b>Flowers and garden plants</b>	<b>60</b>	<b>1,722</b>	<b>פרחים וצמחי נוי</b>
Peonies	..	..	אדמונית
Green and other decorative branches	4	97	ירוקים וענפי קישוט אחרים
Anemones	6	92	כלנית
Buttercup	..	..	נורית
Garden plants and reproductive products	8	193	צמחי נוי ומוצרי ריבוי
Other flowers	41	1,237	פרחים אחרים
<b>Southern District</b>	<b>2,804</b>	<b>1,554,459</b>	<b>מחוז הדרום</b>
<b>Field crops</b>	<b>646</b>	<b>804,463</b>	<b>גידולי שדה</b>
Groundnuts (peanuts)	33	26,750	אגוזי אדמה (בוטנים)
Field crops for seedlings	17	5,747	גידולי שדה לזרעים
Field crops for straw	76	16,730	גידולי שדה לקש
Field crops for hay	405	211,517	גידולי שדה לשחת
Wheat for grains	170	356,732	חיטה לגרגירים
Sunflowers	30	14,699	חמניות
Chick peas	49	29,024	חמצה
Cotton for fibres and seeds	11	12,054	כותנה לסיבים ולגרעינים
Green fodder and silage	63	72,740	מספוא ירוק ותחמיצים
Barley for grains	53	54,545	שעורה לגרגירים
Corn on cob	18	3,828	תירס, קלחים
Other field crops	..	..	גידולי שדה אחרים
Other legumes(5)	..	..	קטניות אחרות(5)
<b>Vegetables, potatoes, and melons</b>	<b>1,335</b>	<b>552,574</b>	<b>ירקות, תפוחי אדמה ומקשה</b>
Fresh peas	8	42	אפונה טרייה
Sweet potatoes	21	16,784	בטטות
Okra	4	22	במיה
Dry onions	86	16,429	בצל יבש
Broccoli	21	663	ברוקולי
Carrots	51	27,229	גזר
Pumpkin	75	4,807	דלעת
Jojoba	38	23,127	חוחובה
Lettuce	86	7,850	חסה
Eggplants	133	4,300	חצילים
Radish and small radish	33	10,235	צנון וצנונית
Coriander	55	2,478	כוסברה
Cabbage	112	15,204	כרוב
Chinese cabbage (bok choy)	4	686	כרוב סיני
Cauliflower	52	11,024	כרובית
Leek	15	896	לוף
Cucumbers	117	2,864	מלפפונים
Swiss chard	15	107	מנגולד (סלק עלים)
Beets	30	2,450	סלק
Tomatoes for consumption	388	21,855	עגבניות למאכל
Tomatoes for industry	7	817	עגבניות לתעשייה
Cherry tomatoes	175	5,026	עגבניות שרי
Parsley	65	2,741	פטרוזיליה
Peppers, not including hot	431	22,831	פלפל, לא כולל חריף
Various spices	196	9,384	צמחי תבלין שונים
Vegetable marrows	99	4,478	קישואים
Garlic	10	274	שום
Pod beans, fresh	5	1,004	שעועית טרייה
Strawberries	12	129	תות שדה
Spinach	10	185	תרד
Vegetables for seedlings, excl. watermelons	57	12,488	ירקות לזרעים, ללא אבטיחים
Other vegetables	338	47,312	ירקות אחרים
Watermelons for seeds	39	31,573	אבטיחים לגרעינים
Watermelons for seedlings	9	2,344	אבטיחים לזרעים
Table watermelons	92	13,663	אבטיחים למאכל
Melons	110	8,168	מלונים
Potatoes	161	221,105	תפוחי אדמה

**TABLE 5. AGRICULTURAL CROP AREAS(1) AND NUMBER OF FARMS,(2) BY DISTRICT AND TYPE (Cont.)**

**לוח 5. שטחי גידולים חקלאיים (1) ומספר משקים (2), לפי מחוז וסוג (המשך)**

2017			
District and type of crop	מספר משקים(3)(4) Number of farms(3)(4)	שטח (דונמים) Area (dunams)	מחוז וסוג גידול
<b>Citrus</b>	<b>462</b>	<b>70,099</b>	<b>פרי הדר</b>
Grapefruits	27	4,586	אשכוליות
Lemons	310	17,420	לימונים
Tangerines	178	28,043	קליפים
Oranges	195	17,336	תפוזים
Other citrus	63	2,713	פרי הדר אחר
<b>Plantations, excl. citrus</b>	<b>901</b>	<b>116,446</b>	<b>מטעים, ללא פרי הדר</b>
Avocados	63	18,064	אבוקדו
Nuts	7	76	אגוזים
Pears	..	..	אגסים
Sweetsop (sugar apple)	..	..	אנונה
Pineapple	33	719	אננס
Persimmons	57	3,289	אפרסמון
Peaches and nectarines	143	12,572	אפרסקים ונקטרינות
Bananas	..	..	בננות
Cherries	..	..	דובדבנים
Carob	..	..	חרובים
Agro-forestry	..	..	יער משקי
Apricots	12	216	משמש
Mangos	51	1,808	מנגו
Wine grapes	78	5,204	ענבי יין
Table grapes	213	24,747	ענבי מאכל
Carambola	3	3	קרמבולה
Pomegranates	120	8,062	רימונים
Plums	17	365	שזיפים
Almonds	22	13,703	שקדים
Fruit saplings	10	390	שתילי מטעים
Dates	271	19,071	תמרים
Apples	26	390	תפוחי עץ
Other fruits	120	6,998	פירות אחרים
<b>Flowers and garden plants</b>	<b>245</b>	<b>10,878</b>	<b>פרחים וצמחי נוי</b>
Peonies	..	..	אדמונית
Aralia	..	..	ארליה
Gerbera	..	..	גבסנית
Roses	25	349	ורד
Green and other decorative branches	19	594	ירוקים וענפי קישוט אחרים
Anemones	..	..	כלנית
Lisianthus	..	..	ליזיאנטוס (יפעה)
Aspidistra	..	..	מגינית
Buttercup	6	579	נורית
Pittosporum	..	..	פיטוספורום
Waxflower	12	1,237	פרח שעווה (שעווית)
Garden plants and reproductive products	61	1,993	צמחי נוי ומוצרי ריבוי
White and coloured calla	4	38	קלה לבנה וצבעונית
Ruscus	14	243	רוסקוס (עצבונית)
Other flowers	146	5,304	פרחים אחרים

- (1) Excluding olive groves. לא כולל מטעי זיתים.
- (2) Including kibbutzim, moshavim, and private farms in the Jewish and Arab sectors. כולל קיבוצים, מושבים ומשקים פרטיים במגזר היהודי ובמגזר הערבי.
- (3) Not including duplications of farms growing more than one crop in the same district, but including duplications of those growing crops in more than one district. לא כולל כפילויות של משקים המגדלים יותר מגידול אחד באותו מחוז, אך כולל כפילויות של אלה המגדלים ביותר ממחוז אחד.
- (4) Excluding farms in the Druze localities of the Golan Heights. לא כולל משקים ביישובי הדרוזים ברמת הגולן.
- (5) Including peas for drying and freezing, black-eyed peas, and lentils. כולל אפונה לייבוש ולהקפאה, לוביה ועדשים.
- (6) Israeli localities. יישובים ישראליים.

**TABLE 6. AGRICULTURAL CROP AREAS,(1) BY CULTIVATION METHOD,  
AND BY DISTRICT AND GROUP**
**לוח 6. שטחי גידולים חקלאיים(1),  
לפי שיטת גידול, ולפי מחוז וקבוצה**

Dunams	2017						דונמים
District and crop group	מנהרה Tunnel	כיסוי רשת Covering net	חממה Green- house	בית רשת Shade house	שטח פתוח Open area	סך הכל Total	מחוז וקבוצת גידולים
<b>Grand total</b>	<b>27,615</b>	<b>23,288</b>	<b>66,051</b>	<b>91,902</b>	<b>3,224,481</b>	<b>3,433,335</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>4,396</b>	<b>4,592</b>	<b>9,275</b>	<b>34,452</b>	<b>1,140,979</b>	<b>1,193,693</b>	<b>מחוזות חיפה והצפון</b>
Field crops	275	-	-	-	632,919	<b>633,194</b>	גידולי שדה
Vegetables, potatoes, and melons	3,905	364	6,320	3,408	161,400	<b>175,398</b>	ירקות, תפוחי אדמה ומקשה
Citrus	-	..	..	89	42,366	<b>42,623</b>	פרי הדר
Plantations, excl. citrus	96	4,024	1,110	30,116	289,591	<b>324,937</b>	מטעים, ללא פרי הדר
Flowers and garden plants	120	..	..	839	14,702	<b>17,541</b>	פרחים וצמחי נוי
<b>Tel Aviv and Central Districts</b>	<b>7,628</b>	<b>2,060</b>	<b>13,795</b>	<b>13,056</b>	<b>475,339</b>	<b>511,878</b>	<b>מחוזות תל אביב והמרכז</b>
Field crops	-	-	-	-	252,385	<b>252,385</b>	גידולי שדה
Vegetables, potatoes, and melons	6,573	138	7,805	3,344	80,405	<b>98,264</b>	ירקות, תפוחי אדמה ומקשה
Citrus	..	401	..	592	70,124	<b>71,167</b>	פרי הדר
Plantations, excl. citrus	..	1,001	..	1,906	65,899	<b>69,886</b>	מטעים, ללא פרי הדר
Flowers and garden plants	502	521	5,413	7,215	6,526	<b>20,176</b>	פרחים וצמחי נוי
<b>Jerusalem and Southern Districts</b>	<b>13,598</b>	<b>16,273</b>	<b>38,614</b>	<b>38,718</b>	<b>1,528,112</b>	<b>1,635,314</b>	<b>מחוזות ירושלים והדרום</b>
Field crops	-	-	-	-	846,594	<b>846,594</b>	גידולי שדה
Vegetables, potatoes, and melons	10,967	1,219	33,762	31,230	487,492	<b>564,670</b>	ירקות, תפוחי אדמה ומקשה
Citrus	..	106	..	789	70,833	<b>71,750</b>	פרי הדר
Plantations, excl. citrus	..	14,871	..	5,118	117,399	<b>141,094</b>	מטעים, ללא פרי הדר
Flowers and garden plants	365	77	3,390	1,581	5,795	<b>11,207</b>	פרחים וצמחי נוי
<b>Judea and Samaria Area(2)</b>	<b>1,993</b>	<b>363</b>	<b>4,367</b>	<b>5,676</b>	<b>80,052</b>	<b>92,450</b>	<b>אזור יהודה והשומרון(2)</b>
Field crops	-	-	-	-	19,717	<b>19,717</b>	גידולי שדה
Vegetables, potatoes, and melons	1,660	..	3,149	3,080	..	<b>16,993</b>	ירקות, תפוחי אדמה ומקשה
Citrus	..	-	-	-	..	<b>10,982</b>	פרי הדר
Plantations, excl. citrus	..	..	1,118	2,378	39,446	<b>43,365</b>	מטעים, ללא פרי הדר
Flowers and garden plants	166	-	100	218	910	<b>1,394</b>	פרחים וצמחי נוי

(1) Excluding olive groves.

(1) לא כולל מטעי זיתים.

(2) Israeli localities.

(2) יישובים ישראליים.

**TABLE 7. AGRICULTURAL CROP AREAS,(1) BY CULTIVATION METHOD, , לפי שיטת גידול, לוח 7. שטחי גידולים חקלאיים, (1) לפי שיטת גידול, , לפי מגזר, סוג משק וקבוצה AND BY SECTOR, TYPE OF FARM, AND GROUP**

Dunams	2017						דונמים
Sector, type of farm, and crop group	מנהרה Tunnel	כיסוי רשת Covering net	חממה Green- house	בית רשת Shade house	שטח פתוח Open area	סך הכל Total	מגזר, סוג משק וקבוצת גידולים
<b>Grand total</b>	<b>27,615</b>	<b>23,288</b>	<b>66,051</b>	<b>91,902</b>	<b>3,224,481</b>	<b>3,433,335</b>	<b>סך כולל</b>
<b>Jewish sector</b>							<b>מגזר יהודי</b>
<b>Kibbutzim(2)</b>	<b>4,110</b>	<b>2,662</b>	<b>3,516</b>	<b>20,602</b>	<b>1,416,087</b>	<b>1,446,977</b>	<b>קיבוצים(2)</b>
Field crops and vegetables, potatoes, and melons	1,970	..	3,097	..	1,172,526	<b>1,178,474</b>	גידולי שדה וירקות, תפוחי אדמה ומקשה
Plantations, including citrus	..	2,649	..	19,391	239,461	<b>263,849</b>	מטעים, כולל פרי הדר
Flowers and garden plants	..	..	..	..	4,100	<b>4,655</b>	פרחים וצמחי נוי
<b>Moshavim</b>	<b>18,506</b>	<b>18,836</b>	<b>57,208</b>	<b>60,834</b>	<b>1,102,838</b>	<b>1,258,222</b>	<b>מושבים</b>
Field crops and vegetables, potatoes, and melons	16,831	1,421	44,193	35,111	817,802	<b>915,357</b>	גידולי שדה וירקות, תפוחי אדמה ומקשה
Plantations, including citrus	901	17,126	3,204	18,640	272,181	<b>312,052</b>	מטעים, כולל פרי הדר
Flowers and garden plants	775	289	9,811	7,083	12,856	<b>30,813</b>	פרחים וצמחי נוי
<b>Other</b>	<b>4,876</b>	<b>1,189</b>	<b>4,061</b>	<b>6,308</b>	<b>540,272</b>	<b>556,705</b>	<b>משקים אחרים</b>
Field crops and vegetables, potatoes, and melons	4,499	49	2,608	1,245	373,518	<b>381,919</b>	גידולי שדה וירקות, תפוחי אדמה ומקשה
Plantations, including citrus	60	807	729	2,625	165,094	<b>169,314</b>	מטעים, כולל פרי הדר
Flowers and garden plants	317	334	725	2,438	1,660	<b>5,472</b>	פרחים וצמחי נוי
<b>Arab sector</b>	<b>123</b>	<b>601</b>	<b>1,265</b>	<b>4,159</b>	<b>165,284</b>	<b>171,432</b>	<b>מגזר ערבי</b>
Field crops and vegetables, potatoes, and melons	..	..	1,139	3,825	126,071	<b>131,465</b>	גידולי שדה וירקות, תפוחי אדמה ומקשה
Plantations, including citrus	..	..	69	..	29,896	<b>30,589</b>	מטעים, כולל פרי הדר
Flowers and garden plants	..	-	58	..	9,317	<b>9,378</b>	פרחים וצמחי נוי

(1) Excluding olive groves.

(2) Also including collective moshavim.

(1) לא כולל מטעי זיתים.

(2) כולל גם מושבים שיתופיים.

**TABLE 8. AGRICULTURAL CROP AREAS,(1)  
BY CULTIVATION METHOD AND TYPE OF CROP**

**לוח 8. שטחי גידולים חקלאיים,(1)  
לפי שיטת גידול וסוג**

Dunams	2017						דונמים
Type of crop	מנהרה Tunnel	כיסוי רשת Covering net	חממה Green- house	בית רשת Shade house	שטח פתוח Open area	סך הכל Total	סוג גידול
<b>Grand total</b>	<b>27,615</b>	<b>23,288</b>	<b>66,051</b>	<b>91,902</b>	<b>3,224,481</b>	<b>3,433,335</b>	<b>סך כולל</b>
<b>Field crops</b>	<b>275</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,751,615</b>	<b>1,751,890</b>	<b>גידולי שדה</b>
Groundnuts (peanuts)	-	-	-	-	38,046	38,046	אגוזי אדמה (בוטנים)
Field crops for seedlings	-	-	-	-	34,435	34,435	גידולי שדה לזרעים
Field crops for straw	-	-	-	-	84,162	84,162	גידולי שדה לקש
Field crops for hay	-	-	-	-	594,846	594,846	גידולי שדה לשחת
Wheat for grains	-	-	-	-	510,472	510,472	חיטה לגרגירים
Sunflowers	-	-	-	-	24,264	24,264	חמניות
Chick peas	-	-	-	-	72,501	72,501	חמצה
Cotton for fibres and seeds	-	-	-	-	48,588	48,588	כותנה לסיבים ולגרעינים
Green fodder and silage	-	-	-	-	203,558	203,558	מספוא ירוק ותחמיצים
Other legumes(2)	-	-	-	-	11,283	11,283	קטניות אחרות(2)
Barley for grains	-	-	-	-	70,674	70,674	שעורה לגרגירים
Corn on cob	275	-	-	-	53,385	53,660	תירס, קלחים
Other field crops	-	-	-	-	5,402	5,402	גידולי שדה אחרים
<b>Vegetables, potatoes, and melons</b>	<b>23,105</b>	<b>1,821</b>	<b>51,036</b>	<b>41,062</b>	<b>738,301</b>	<b>855,325</b>	<b>ירקות, תפוחי אדמה ומקשה</b>
Fresh peas	27	-	5	49	6,653	6,734	אפונה טרייה
Yams	..	-	..	-	26,802	26,937	בטטות
Okra	..	-	..	..	66	87	במיה
Dry onions	..	-	-	..	37,342	37,487	בצל יבש
Broccoli	-	..	..	60	3,134	3,350	ברוקולי
Carrots	-	-	-	-	44,583	44,583	גזר
Pumpkin	227	36	..	..	7,243	7,551	דלעת
Jojoba	-	-	-	-	25,058	25,058	חוחובה
Lettuce	128	-	1,145	504	11,254	13,031	חסה
Eggplants	1,894	..	1,515	..	6,557	10,659	חצילים
Coriander	67	38	305	652	4,881	5,943	קוסברה
Cabbage	80	-	609	477	20,452	21,618	כרוב
Chinese cabbage (bok choy)	-	-	-	-	694	694	כרוב סיני
Cauliflower	-	-	151	673	12,589	13,413	כרובית
Leek	-	-	..	..	1,429	1,443	לוף
Cucumbers	..	..	6,265	1,492	1,078	9,701	מלפפונים
Swiss chard	..	..	37	70	124	236	מנגולד (סלק עלים)
Beets	-	-	7	77	6,403	6,487	סלק
Tomatoes for consumption	1,152	335	12,453	8,344	6,596	28,879	עגבניות למאכל
Tomatoes for industry	..	-	34	..	15,606	15,844	עגבניות לתעשייה
Cherry tomatoes	128	-	4,468	488	738	5,822	עגבניות שרי
Parsley	98	39	345	356	4,727	5,565	פטרוזיליה
Peppers, not including hot	1,255	515	10,337	15,847	4,467	32,421	פלפל, לא כולל חריף
Various spices	1,501	62	3,325	1,819	15,397	22,104	צמחי תבלין שונים
Radish and small radish	-	-	-	-	10,840	10,840	צנון וצנונית
Vegetable marrows	1,211	315	469	329	6,785	9,109	קישואים
Garlic	-	-	-	-	10,067	10,067	שום
Pod beans, fresh	-	-	10	14	8,183	8,206	שעועית טרייה
Strawberries	3,315	..	324	..	2,903	6,696	תות שדה
Spinach	82	-	21	91	597	791	תרד
Vegetables for seedlings, excl. watermelons	..	-	1,017	..	15,040	16,113	ירקות לזרעים, ללא אבטיחים
Other vegetables	1,035	90	6,378	8,517	66,410	82,430	ירקות אחרים
Watermelons for seeds	-	-	-	-	61,339	61,339	אבטיחים לגרעינים
Watermelons for seedlings	-	-	..	..	5,725	6,039	אבטיחים לזרעים
Table watermelons	7,013	88	710	33	33,420	41,264	אבטיחים למאכל
Melons	2,767	123	312	205	9,093	12,499	מלונים
Potatoes	..	-	..	-	244,026	244,287	תפוחי אדמה
<b>Citrus</b>	<b>30</b>	<b>673</b>	<b>52</b>	<b>1,470</b>	<b>194,297</b>	<b>196,522</b>	<b>פרי הדר</b>
Grapefruits	-	..	-	..	24,259	24,373	אשכוליות
Lemons	-	-	-	397	23,950	24,347	לימונים
Tangerines	..	221	..	267	87,176	87,721	קליפים
Oranges	-	..	-	..	40,991	41,064	תפוזים
Other citrus	..	312	..	759	17,922	19,018	פירות הדר אחרים

**TABLE 8. AGRICULTURAL CROP AREAS,(1)  
BY CULTIVATION METHOD AND TYPE OF CROP (Cont.)**

**לוח 8. שטחי גידולים חקלאיים,(1)  
לפי שיטת גידול וסוג (המשך)**

Dunams	2017						סוג גידול
	מנהרה Tunnel	כיסוי רשת Covering net	חממה Green- house	בית רשת Shade house	שטח פתוח Open area	סך הכל Total	
<b>Plantations, excluding citrus</b>	<b>3,053</b>	<b>20,158</b>	<b>4,218</b>	<b>39,518</b>	<b>512,335</b>	<b>579,282</b>	<b>מטעים, ללא פרי הדר</b>
Avocados	..	-	..	285	111,241	111,614	אבוקדו
Nuts	-	-	-	-	3,997	3,997	אגוזים
Pears	-	-	-	-	12,242	12,242	אגסים
Sweetsop (sugar apple)	-	-	-	-	737	737	אנונה
Pineapple	592	-	839	411	99	1,940	אננס
Persimmons	..	204	-	..	13,794	14,074	אפרסמון
Peaches and nectarines	-	5,136	310	3,071	37,621	46,138	אפרסקים ונקטרינות
Kiwis	..	-	-	..	2,639	2,684	אקטינידיה (קיווי)
Bananas	-	..	..	24,228	3,794	29,819	בננות
Cherries	..	..	-	447	8,011	8,494	דובדבנים
Carob	-	-	-	-	51	51	חרובים
Agro-forestry	-	-	..	..	1,911	1,947	יער משקי
Lichi	-	..	..	116	2,336	2,482	ליצ'י
Apricots	-	..	..	162	4,758	5,069	משמש
Mangos	..	-	..	100	21,800	22,050	מנגו
Wine grapes	-	..	-	..	78,802	78,970	ענבי יין
Table grapes	2,115	10,426	1,641	5,239	16,932	36,353	ענבי מאכל
Carambola	-	..	..	9	49	77	קרמבולה
Pomegranates	-	174	-	462	15,912	16,548	רימונים
Plums	-	..	..	316	11,353	11,914	שזיפים
Almonds	..	-	-	..	60,307	60,442	שקדים
Fruit saplings	..	..	375	240	618	1,318	שתלי מטעים
Dates	..	108	..	205	52,539	53,025	תמרים
Apples	-	1,262	-	344	35,862	37,468	תפוחי עץ
Other fruits	68	504	668	3,660	14,931	19,831	פירות אחרים
<b>Flowers and garden plants</b>	<b>1,152</b>	<b>636</b>	<b>10,745</b>	<b>9,852</b>	<b>27,932</b>	<b>50,317</b>	<b>פרחים וצמחי נוי</b>
Peonies	113	18	245	12	76	464	אדמונית
Aralia	-	-	..	-	-	64	ארליה
Gypsophila	..	-	481	..	..	639	גבסנית
Gerbera	-	-	17	..	..	27	גרברה
Roses	-	..	364	..	213	618	ורד
Green and other decorative branches	..	..	20	2,039	1,579	3,754	ירוקים וענפי קישוט אחרים
Anemones	-	-	..	115	..	177	כלנית
Lisianthus	..	-	320	-	..	393	ליזיאנטוס (יפעה)
Aspidistra	-	-	-	170	-	170	מגינית
Buttercup	73	-	..	..	574	694	נורית
Pittosporum	-	..	63	702	..	782	פיטוספורום
Waxflower	-	-	..	..	1,853	1,973	פרח שעווה (שעווית)
Garden plants and reproductive products	139	54	3,147	1,371	6,209	10,919	צמחי נוי ומוצרי ריבוי
White and coloured calla	-	-	62	..	..	97	קאלה לבנה וצבעונית
Ruscus	-	57	..	1,146	..	1,221	רוסקוס (עצבונית)
Lily	-	-	..	..	-	253	שושן
Other flowers	629	484	5,658	4,111	17,192	28,074	פרחים אחרים

(1) Excluding olive groves.

(2) Including peas for drying and freezing, black-eyed peas, and lentils.

(1) לא כולל מטעי זיתים.

(2) כולל אפונה לייבוש ולהקפאה, לוביה ועדשים.

**TABLE 9. AGRICULTURAL CROP AREAS, BY GROUP, DISTRICT,  
AND TYPE OF IRRIGATION**
**לוח 9. שטחי גידולים חקלאיים, לפי קבוצה,  
מחוז וסוג השקיה**

Thousands of dunams		2017						אלפי דונמים	
District	Type of irrigation	פרחים וצמחי נוי Flowers and garden plants	מטעים, ללא פרי הדר Plantations, excl. citrus	ירקות Vegetables	פרי הדר Citrus	גידולי שדה Field crops	סך הכל Total	סוג השקיה	מחוז
<b>Grand total</b>	<b>Total</b>	<b>50</b>	<b>689</b>	<b>860</b>	<b>197</b>	<b>1,765</b>	<b>3,561</b>	<b>סך הכל</b>	<b>סך כולל</b>
	Irrigated	49	648	838	197	665	<b>2,396</b>	השקיה	
	Rainfed	1	41	22	-	1,100	<b>1,165</b>	בעל	
Haifa	Irrigated	3	72	19	10	28	<b>131</b>	השקיה	חיפה
	Rainfed	-	2	0	-	44	<b>46</b>	בעל	
Northern	Irrigated	15	292	151	33	263	<b>753</b>	השקיה	הצפון
	Rainfed	-	30	6	-	298	<b>335</b>	בעל	
Tel Aviv	Irrigated	0	2	7	4	1	<b>13</b>	השקיה	תל אביב
	Rainfed	-	-	-	-	3	<b>3</b>	בעל	
Central	Watered	18	79	93	67	69	<b>326</b>	השקיה	המרכז
	Rainfed	1	3	1	-	182	<b>186</b>	בעל	
Jerusalem	Irrigated	0	28	12	2	20	<b>62</b>	השקיה	ירושלים
	Rainfed	-	3	-	-	22	<b>25</b>	בעל	
Southern	Irrigated	11	130	541	70	280	<b>1,032</b>	השקיה	הדרום
	Rainfed	-	2	15	-	535	<b>552</b>	בעל	
Judea and Samaria Area(1)	Irrigated	1	46	17	11	3	<b>78</b>	השקיה	אזור יהודה והשומרון(1)
	Rainfed	-	1	-	-	17	<b>18</b>	בעל	

(1) Israeli localities.

(1) יישובים ישראליים.

**TABLE 10. IRRIGATION IN AGRICULTURAL FARMS, BY TYPE OF WATER,(1)(2) AND BY DISTRICT AND REGIONAL COUNCIL** **לוח 10. השקיה במשקים חקלאיים, לפי סוג מים,(1)(2) ולפי מחוז ומועצה אזורית**

Farms (absolute numbers)	2017						משקים (מספרים מוחלטים)
District and regional council	השקייית בעל Rainfed irrigation	שיטפונות Flood water	מליחים Salinated water	שפד"ן(3) DRWTP (Shafdan)(3)	קולחים Effluents	שפירים Drinking water	מחוז ומועצה אזורית
<b>Haifa and Northern Districts</b>	<b>2,394</b>	<b>297</b>	<b>72</b>	<b>-</b>	<b>1,644</b>	<b>2,903</b>	<b>מחוזות חיפה והצפון</b>
Allona	11	-	-	-	..	62	אלונה
Bustan El-Marj	7	-	..	-	..	..	בוסתן אל-מרג'
Golan	63	79	5	-	102	335	גולן
HaGilbo'a	125	11	14	-	183	88	הגלבע
HaGalil HaElyon	13	-	..	-	18	29	הגליל העליון
HaGalil HaTahton	178	7	..	-	136	90	הגליל התחתון
Zevulun	42	12	-	-	36	35	זבולון
Hof HaKarmel	43	4	4	-	170	153	חוף הכרמל
Mevo'ot HaHermon	26	..	..	-	182	236	מבואות החרמון
Megiddo	25	6	-	-	11	..	מגידו
Matte Asher	103	9	10	-	108	276	מטה אשר
Menashe	44	5	-	-	46	101	מנשה
Ma'ale Yosef	52	3	-	-	9	213	מעלה יוסף
Merom HaGalil	67	12	..	-	199	205	מרום הגליל
Misgav	45	..	..	-	4	27	משגב
Emeq HaYarden	16	..	..	-	9	95	עמק הירדן
Emeq HaMa'ayanot	33	..	16	-	22	123	עמק המעינות
Emeq Yizre'el	257	63	8	-	178	135	עמק יזרעאל
Outside of regional councils(4)	1,244	79	7	-	228	673	מחוץ למועצות אזוריות(4)
<b>Tel Aviv and Central Districts</b>	<b>578</b>	<b>56</b>	<b>48</b>	<b>85</b>	<b>612</b>	<b>2,597</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	13	..	-	..	24	54	ברנר
Gederot	22	3	..	..	24	90	גדרות
Gezer	78	..	7	5	32	286	גזר
Gan Rowe	22	3	-	27	11	112	גן רווה
Derom HaSharon	78	6	5	6	43	314	דרום השרון
Hevel Yavne	4	-	-	-	4	14	חבל יבנה
Hevel Modi'in	72	..	..	..	15	141	חבל מודיעין
Hof HaSharon	50	..	8	..	40	168	חוף השרון
Lev HaSharon	47	8	13	8	28	381	לב השרון
Nahal Soreq	10	-	-	..	12	33	נחל שורק
Emeq Hefer	74	16	4	10	293	444	עמק חפר
Emeq Lod	28	..	-	..	3	59	עמק לוד
Outside of regional councils	80	12	8	17	83	501	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>639</b>	<b>59</b>	<b>516</b>	<b>967</b>	<b>403</b>	<b>1,743</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	25	..	8	357	25	244	אשכול
Be'er Tuveya	136	13	12	69	99	294	באר טוביה
Bene Shim'on	18	..	3	36	13	50	בני שמעון
HaArava HaTikhona	-	13	339	-	21	137	הערבה התיכונה
Hevel Elot	-	-	10	-	..	..	חבל אילות
Hof Ashqelon	69	4	3	28	19	118	חוף אשקלון
Yo'av	18	..	..	5	18	28	יואב
Lakhish	50	..	6	59	80	198	לכיש
Matte Yehuda	72	3	..	5	43	133	מטה יהודה
Merhavim	72	..	3	169	8	141	מרחבים
Ramat Negev	..	..	58	7	9	71	רמת נגב
Sedot Negev	51	3	9	160	13	149	שדות נגב
Sha'ar HaNegev	21	3	..	17	3	12	שער הנגב
Shafir	35	3	..	50	16	78	שפיר
Tamar	..	-	54	-	..	..	תמר
Outside of regional councils	64	7	6	5	25	77	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(5)</b>	<b>30</b>	<b>15</b>	<b>21</b>	<b>-</b>	<b>161</b>	<b>298</b>	<b>אזור יהודה והשומרון(5)</b>

(1) Some farms use more than one type of water.

(2) The farm location was determined by the centre of the agricultural activity.

There are cases in which the farm has fields in additional areas with different water types.

(3) A system for wastewater treatment of the Dan Region and effluent reclamation.

(4) Data on farms in the Druze localities of the Golan Heights are presented at the locality level.

(5) Israeli localities.

(1) חלק מהמשקים משתמשים במים מיותר מסוג אחד.

(2) מיקום המשק נקבע לפי מרכז הפעילות החקלאית.

קיימים מקרים שבהם למשק יש שטחים באזורים נוספים שבהם סוגי מים שונים.

(3) מערכת לטיפול בשפכים של גוש דן ולהשבת קולחים.

(4) נתוני המשקים ביישובים הדרוזיים ברמת הגולן מוצגים ברמת היישוב.

(5) יישובים ישראליים.

**TABLE 11. IRRIGATION IN AGRICULTURAL FARMS, BY TYPE, DISTRICT, SECTOR, AND TYPE OF FARM(1)**

**לוח 11. השקיה במשקים חקלאיים, לפי אופן, מחוז, מגזר וסוג משק(1)**

Farms (absolute numbers)	2017				משקים (מספרים מוחלטים)
District, sector, and type of farm	השקית בעל Rainfed irrigation	קו-נוע/תוחח Centre pivot	המטרה/התזה Spraying/Sprinkling	טפטוף Drip	מחוז, מגזר וסוג משק
<b>Haifa and Northern Districts</b>	<b>2,394</b>	<b>123</b>	<b>487</b>	<b>3,845</b>	<b>מחוזות חיפה והצפון</b>
Moshavim	931	33	267	2,712	מושבים
Kibbutzim(2)	108	73	66	163	קיבוצים(2)
Jewish – other	152	8	73	491	יהודיים אחרים
Arab(3)	1,203	9	81	479	ערביים(3)
<b>Tel Aviv and Central Districts</b>	<b>578</b>	<b>23</b>	<b>844</b>	<b>2,618</b>	<b>מחוזות תל אביב והמרכז</b>
Moshavim	446	10	638	1,924	מושבים
Kibbutzim(2)	28	4	11	41	קיבוצים(2)
Jewish – other	62	4	150	465	יהודיים אחרים
Arab	42	5	45	188	ערביים
<b>Jerusalem and Southern Districts</b>	<b>639</b>	<b>38</b>	<b>383</b>	<b>2,617</b>	<b>מחוזות ירושלים והדרום</b>
Moshavim	499	22	311	2,373	מושבים
Kibbutzim(2)	52	10	44	77	קיבוצים(2)
Jewish – other	36	..	22	139	יהודיים אחרים
Arab	52	..	6	28	ערביים
<b>Judea and Samaria Area(4)</b>	<b>30</b>	<b>3</b>	<b>122</b>	<b>329</b>	<b>אזור יהודה והשומרון(4)</b>
Moshavim	3	-	105	181	מושבים
Kibbutzim(2)	4	..	5	16	קיבוצים(2)
Jewish – other	23	..	12	132	יהודיים אחרים

(1) Some farms use more than one type of irrigation.

(2) Also including collective moshavim.

(3) Data on farms in the Druze localities of the Golan Heights are presented at the locality level.

(4) Israeli localities.

(1) חלק מהמשקים משתמשים בהשקיה ביותר מצורה אחת.

(2) כולל גם מושבים שיתופיים.

(3) נתוני המשקים ביישובים הדרוזיים ברמת הגולן מוצגים ברמת היישוב.

(4) יישובים ישראליים.

**TABLE 12. PEST CONTROL IN AGRICULTURAL FARMS, BY TYPE OF PESTICIDE,(1) AND BY DISTRICT AND REGIONAL COUNCIL**

**לוח 12. הדברה במשקים חקלאיים, לפי סוג(1) ולפי מחוז ומועצה אזורית**

District and regional council	2017								מחוז ומועצה אזורית
	ללא שימוש	סוגים אחרים	חומרי אידי	הדברה ביולוגית	קוטלי מכרסמים	קוטלי פטריות וחיידקים	קוטלי חרקים ואקריות	קוטלי עשבים	
Farms (absolute numbers)	No use	Other types	Fumigants	Biological pest control	Rodenticides	Fungicides and bactericides	Insecticides and acaricides	Herbicides	(מספרים מוחלטים)
<b>Grand Total</b>	<b>2,367</b>	<b>529</b>	<b>1,766</b>	<b>1,833</b>	<b>2,605</b>	<b>4,734</b>	<b>6,632</b>	<b>8,585</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>1,130</b>	<b>225</b>	<b>582</b>	<b>609</b>	<b>999</b>	<b>1,970</b>	<b>2,778</b>	<b>4,042</b>	<b>מחוזות חיפה והצפון</b>
Allona	4	4	6	12	13	38	48	56	אלונה
Bustan El-Marj	4	-	..	-	..	..	..	5	בוסתן אל-מרג'
Golan	38	27	49	85	91	226	305	351	גולן
HaGilbo'a	25	10	24	31	72	106	183	267	הגלבוע
HaGalil HaElyon	-	..	4	7	14	19	24	26	הגליל העליון
HaGalil HaTahton	34	12	19	18	45	88	149	244	הגליל התחתון
Zevulun	9	..	11	8	20	23	45	65	זבולון
Hof HaKarmel	43	18	37	39	50	70	117	188	חוף הכרמל
Mevo'ot HaHermon	51	24	48	54	61	172	226	285	מבואות החרמון
Megiddo	9	3	..	4	8	..	..	31	מגידו
Matte Asher	59	57	10	18	39	58	96	266	מטה אשר
Menashe	23	10	27	24	29	56	76	107	מנשה
Ma'ale Yosef	79	6	18	29	38	88	120	172	מעלה יוסף
Merom HaGalil	52	10	48	49	73	141	223	294	מרום הגליל
Misgav	26	14	4	7	..	22	20	32	משגב
Emeq HaYarden	5	-	13	20	16	64	55	87	עמק הירדן
Emeq HaMa'ayanot	16	3	44	17	54	79	113	106	עמק המעינות
Emeq Yizre'el	47	5	33	51	84	135	196	330	עמק יזרעאל
Outside of regional councils(2)	606	17	184	136	285	571	763	1,130	מחוץ למועצות אזוריות(2)
<b>Tel Aviv and Central Districts</b>	<b>689</b>	<b>163</b>	<b>446</b>	<b>431</b>	<b>594</b>	<b>1,099</b>	<b>1,684</b>	<b>2,177</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	12	7	7	12	14	25	39	52	ברנר
Gederot	27	6	12	23	12	27	52	61	גדרות
Gezer	54	12	48	54	88	127	190	254	גזר
Gan Rawe	32	10	..	11	11	24	60	94	גן רווה
Derom HaSharon	106	19	26	44	34	80	151	232	דרום השרון
Hevel Yavne	4	-	..	..	8	11	11	14	חבל יבנה
Hevel Modi'in	54	15	16	26	34	56	89	124	חבל מודיעין
Hof HaSharon	63	14	13	25	26	50	94	125	חוף השרון
Lev HaSharon	74	24	75	49	73	161	241	306	לב השרון
Nahal Soreq	4	20	6	11	11	18	21	26	נחל שורק
Emeq Hefer	101	3	96	81	132	231	346	451	עמק חפר
Emeq Lod	33	26	7	..	9	18	26	37	עמק לוד
Outside of regional councils	125	7	133	87	142	271	364	401	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>476</b>	<b>126</b>	<b>678</b>	<b>728</b>	<b>910</b>	<b>1,464</b>	<b>1,915</b>	<b>2,075</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	32	10	172	121	171	275	321	307	אשכול
Be'er Toviyya	66	18	61	89	106	170	255	332	באר טוביה
Bene Shim'on	15	3	11	10	14	29	35	38	בני שמעון
HaArava HaTikhona	41	25	139	247	145	225	283	193	הערבה התיכונה
Hevel Elot	..	-	3	4	4	8	8	8	חבל אילות
Hof Ashqelon	34	8	36	28	45	67	94	131	חוף אשקלון
Yo'av	..	4	10	12	13	21	35	40	יואב
Lakhish	34	7	64	74	96	162	198	219	לכיש
Matte Yehuda	47	8	20	21	40	77	97	135	מטה יהודה
Merhavim	55	11	39	32	82	113	175	218	מרחבים
Ramat Negev	19	7	23	20	21	52	54	39	רמת נגב
Sedot Negev	30	4	52	25	86	128	174	184	שדות נגב
Sha'ar HaNegev	4	10	7	9	8	16	18	24	שער הנגב
Shafir	20	..	9	10	33	47	71	101	שפיר
Tamar	6	7	17	12	21	35	47	40	תמר
Outside of regional councils	67	..	15	14	25	39	50	66	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(3)</b>	<b>72</b>	<b>15</b>	<b>60</b>	<b>65</b>	<b>102</b>	<b>201</b>	<b>255</b>	<b>291</b>	<b>אזור יהודה והשומרון(3)</b>

(1) Some farms use more than one type of pesticide.

(2) Data on farms in the Druze localities of the Golan Heights are presented at the locality level.

(3) Israeli localities.

(1) חלק מהמשקים משתמשים בהדברה מיותר מסוג אחד.

(2) נתוני המשקים ביישובים הדרוזיים ברמת הגולן מוצגים ברמת היישוב.

(3) יישובים ישראליים.

**TABLE 13. FERTILIZER USE(1) IN AGRICULTURAL FARMS,  
BY TYPE,(1) AND BY DISTRICT AND REGIONAL COUNCIL**

**לוח 13. שימוש בדשנים במשקים חקלאיים,  
לפי סוג,(1) ולפי מחוז ומועצה אזורית**

Absolute numbers	2017						מספרים מוחלטים
District and regional council	ללא שימוש No use	סוגים אחרים Other types	קולחים Effluents	פרש בע"ח Animal manure	זבלים אורגניים(2) Organic fertilizers(2)	דשנים כימיים Chemical fertilizers	מחוז ומועצה אזורית
<b>Grand Total</b>	<b>2,036</b>	<b>371</b>	<b>349</b>	<b>1,700</b>	<b>3,931</b>	<b>8,569</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>1,011</b>	<b>173</b>	<b>181</b>	<b>931</b>	<b>1,565</b>	<b>3,726</b>	<b>מחוזות חיפה והצפון</b>
Allona	4	3	-	5	19	54	אלונה
Bustan El-Marj	3	-	-	5	..	..	בוסתן אל-מרג'
Golan	35	15	4	29	97	360	גולן
HaGilbo'a	28	11	22	66	109	241	הגלבוע
HaGalil HaElyon	-	..	-	7	20	27	הגליל העליון
HaGalil HaTahton	37	5	10	65	86	231	הגליל התחתון
Zevulun	12	..	4	17	28	58	זבולון
Hof HaKarmel	27	8	12	38	72	220	חוף הכרמל
Mevo'ot HaHermon	54	11	16	27	90	269	מבואות החרמון
Megiddo	10	..	..	9	18	..	מגידו
Matte Asher	31	16	9	39	70	268	מטה אשר
Menashe	19	6	4	20	42	102	מנשה
Ma'ale Yosef	83	5	..	25	58	155	מעלה יוסף
Merom HaGalil	49	13	42	63	166	216	מרום הגליל
Misgav	26	..	-	10	..	25	משגב
Emeq HaYarden	3	3	..	12	18	94	עמק הירדן
Emeq HaMa'ayanot	16	7	..	22	61	123	עמק המעינות
Emeq Yizre'el	40	8	17	94	159	293	עמק יזרעאל
Outside of regional councils(3)	534	56	36	378	436	967	מחוץ למועצות אזוריות(3)
<b>Tel Aviv and Central Districts</b>	<b>608</b>	<b>109</b>	<b>77</b>	<b>351</b>	<b>957</b>	<b>2,219</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	10	3	4	8	24	48	ברנר
Gederot	17	..	6	12	37	72	גדרות
Gezer	53	10	4	39	126	247	גזר
Gan Rowe	23	7	..	18	44	88	גן רווה
Derom HaSharon	112	13	6	36	100	214	דרום השרון
Hevel Yavne	..	..	-	..	..	14	חבל יבנה
Hevel Modi'in	53	8	..	14	53	117	חבל מודיעין
Hof HaSharon	59	19	7	19	55	112	חוף השרון
Lev HaSharon	61	10	4	36	108	329	לב השרון
Nahal Soreq	..	3	-	..	..	30	נחל שורק
Emeq Hefer	91	13	33	35	152	489	עמק חפר
Emeq Lod	35	3	-	7	21	34	עמק לוד
Outside of regional councils	88	17	9	118	216	425	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>368</b>	<b>84</b>	<b>66</b>	<b>391</b>	<b>1,248</b>	<b>2,327</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	16	7	7	37	208	374	אשכול
Be'er Toviyya	48	14	9	67	187	310	באר טוביה
Bene Shim'on	14	3	5	14	29	38	בני שמעון
HaArava HaTikhona	20	4	5	37	219	380	הערבה התיכונה
Hevel Elot	-	-	3	4	7	10	חבל אילת
Hof Ashqelon	28	6	6	21	69	125	חוף אשקלון
Yo'av	..	..	..	9	16	38	יואב
Lakhish	29	8	10	31	94	227	לכיש
Matte Yehuda	50	10	8	31	66	117	מטה יהודה
Merhavim	48	12	3	38	101	201	מרחבים
Ramat Negev	11	..	-	5	44	69	רמת נגב
Sedot Negev	19	7	..	30	81	207	שדות נגב
Sha'ar HaNegev	-	-	-	19	16	22	שער הנגב
Shafir	20	4	..	23	38	89	שפיר
Tamar	..	..	-	8	32	51	תמר
Outside of regional councils	54	4	..	17	41	69	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(4)</b>	<b>49</b>	<b>5</b>	<b>25</b>	<b>27</b>	<b>161</b>	<b>297</b>	<b>אזור יהודה והשומרון(4)</b>

(1) Some farms use more than one type of fertilizer.

(2) Including compost.

(3) Data on farms in the Druze localities of the Golan Heights are presented at the locality level.

(4) Israeli localities.

(1) חלק מהמשקים משתמשים ביותר מסוג דשן אחד.

(2) כולל קומפוסט.

(3) נתוני המשקים ביישובים הדרוזיים ברמת הגולן מוצגים ברמת היישוב.

(4) יישובים ישראליים.

**TABLE 14. AGRICULTURAL FARMS, BY PRACTICE OF SOIL CONSERVATION FOR FIELD CROPS AND PLANTATIONS, BY DISTRICT, SECTOR, AND TYPE OF FARM, AND BY CROP GROUP**

**לוח 14. משקים חקלאיים, לפי עיסוק בשימור קרקע לגידולי שדה ולמטעים, לפי מחוז, מגזר וסוג משק, ולפי קבוצת גידולים**

District, sector, and type of farm	2017					סך הכל Total	מחוז, מגזר וסוג משק
	לא השיבו No response	לא עסקו Not practiced	עסקו – קבוצת גידולים Practiced – crop group				
			מטעים בלבד(1) Plantations only(1)	גידולי שדה ומטעים(1) Field crops and plan- tations(1)	גידולי שדה בלבד Field crops only		
<b>Grand Total</b>	<b>1,118</b>	<b>6,176</b>	<b>1,105</b>	<b>274</b>	<b>305</b>	<b>8,978</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>526</b>	<b>3,479</b>	<b>733</b>	<b>140</b>	<b>143</b>	<b>5,021</b>	<b>מחוזות חיפה והצפון</b>
Moshavim	326	2,118	377	52	87	2,960	מושבים
Kibbutzim(2)	13	58	37	36	20	164	קיבוצים(2)
Jewish – other	60	339	73	16	12	500	יהודיים אחרים
Arab(3)	127	964	246	36	24	1,397	ערביים(3)
<b>Tel Aviv and Central Districts</b>	<b>318</b>	<b>1,301</b>	<b>158</b>	<b>38</b>	<b>53</b>	<b>1,868</b>	<b>מחוזות תל אביב והמרכז</b>
Moshavim	260	1,038	107	18	39	1,462	מושבים
Kibbutzim(2)	1	14	10	7	7	39	קיבוצים(2)
Jewish – other	45	180	32	10	4	271	יהודיים אחרים
Arab	12	69	9	3	3	96	ערביים
<b>Jerusalem and Southern Districts</b>	<b>245</b>	<b>1,150</b>	<b>154</b>	<b>80</b>	<b>103</b>	<b>1,732</b>	<b>מחוזות ירושלים והדרום</b>
Moshavim	214	1,023	130	58	71	1,496	מושבים
Kibbutzim(2)	9	29	7	14	20	79	קיבוצים(2)
Jewish – other	16	52	..	..	7	95	יהודיים אחרים
Arab	6	46	..	..	5	62	ערביים
<b>Judea and Samaria Area(4)</b>	<b>29</b>	<b>246</b>	<b>60</b>	<b>16</b>	<b>6</b>	<b>357</b>	<b>אזור יהודה והשומרון(4)</b>
Moshavim	15	143	38	..	..	209	מושבים
Kibbutzim(2)	2	6	3	..	..	15	קיבוצים(2)
Jewish – other	12	97	19	..	..	133	יהודיים אחרים

(1) Including citrus.

(2) Also including kibbutzim and collective moshavim.

(3) Excluding farms in the Druze localities of the Golan Heights.

(4) Israeli localities.

(1) כולל פרי הדור.

(2) כולל גם מושבים שיתופיים.

(3) לא כולל משקים ביישובי הדרוזים ברמת הגולן.

(4) יישובים ישראליים.

**TABLE 15. HEADS OF POULTRY, BY BRANCH,  
DISTRICT, AND REGIONAL COUNCIL**
**לוח 15. ראשי עופות,  
לפי שלוחה, מחוז ומועצה אזורית**

Absolute numbers	2017				מספרים מוחלטים
District and regional council	מטילות Laying hens	תרנגולי הודו Turkeys	פטמים Broilers	סך הכל Total	מחוז ומועצה אזורית
<b>Grand Total</b>	<b>9,935,548</b>	<b>3,678,036</b>	<b>43,011,494</b>	<b>56,625,078</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>5,202,214</b>	<b>2,069,849</b>	<b>21,874,964</b>	<b>29,147,027</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	-	-	-	אלונה
Bustan El-Marj	-	-	-	-	בוסתן אל-מרג'
Golan	47,530	666,400	1,449,707	2,163,637	גולן
HaGilbo'a	147,598	..	2,900,500	..	הגלבע
HaGalil HaElyon	4,500	-	2,094,300	2,098,800	הגליל העליון
HaGalil HaTahton	30,812	-	781,500	812,312	הגליל התחתון
Zevulun	..	-	526,000	..	זבולון
Hof HaKarmel	277,250	..	757,000	..	חוף הכרמל
Mevo'ot HaHermon	284,848	-	1,503,328	1,788,176	מבואות החרמון
Megiddo	-	-	526,000	526,000	מגידו
Matte Asher	..	437,000	1,949,300	..	מטה אשר
Menashe	33,500	85,449	692,500	811,449	מנשה
Ma'ale Yosef	2,139,834	..	1,375,850	..	מעלה יוסף
Merom HaGalil	1,901,429	-	1,672,322	3,573,751	מרום הגליל
Misgav	-	-	945,000	945,000	משגב
Emeq HaYarden	-	..	1,145,600	..	עמק הירדן
Emeq HaMa'ayanot	-	140,000	936,721	1,076,721	עמק המעינות
Emeq Yizre'el	319,596	543,500	2,129,333	2,992,429	עמק יזרעאל
Outside of regional councils	11,497	..	490,003	..	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>2,954,873</b>	<b>921,702</b>	<b>4,057,663</b>	<b>7,934,238</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	59,540	-	37,000	96,540	ברנר
Gederot	1,509,204	..	310,013	..	גדרות
Gezer	20,500	-	343,500	364,000	גזר
Gan Rawe	36,150	-	57,000	93,150	גן רווה
Derom HaSharon	416,814	-	415,000	831,814	דרום השרון
Hevel Yavne	-	-	..	..	חבל יבנה
Hevel Modi'in	37,500	47,000	702,150	786,650	חבל מודיעין
Hof HaSharon	2,854	-	694,000	696,854	חוף השרון
Lev HaSharon	127,865	..	420,000	..	לב השרון
Nahal Soreq	-	-	-	-	נחל שורק
Emeq Hefer	527,276	615,700	240,000	1,382,976	עמק חפר
Emeq Lod	-	-	-	-	עמק לוד
Outside of regional councils	217,170	72,002	639,000	928,172	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>1,625,861</b>	<b>624,285</b>	<b>16,372,067</b>	<b>18,622,213</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	..	115,000	2,860,040	..	אשכול
Be'er Toviyya	35,272	67,000	1,683,000	1,785,272	באר טוביה
Bene Shim'on	..	-	862,000	..	בני שמעון
HaArava HaTikhona	..	..	-	..	הערבה התיכונה
Hevel Elot	..	-	-	..	חבל אילות
Hof Ashqelon	6,450	..	1,481,340	1,498,790	חוף אשקלון
Yo'av	..	-	740,000	..	יואב
Lakhish	9,450	..	634,000	..	לכיש
Matte Yehuda	791,214	..	349,145	..	מטה יהודה
Merhavim	253,220	..	4,361,525	..	מרחבים
Ramat Negev	..	-	-	..	רמת נגב
Sedot Negev	46,420	-	655,500	701,920	שדות נגב
Sha'ar HaNegev	-	-	863,012	863,012	שער הנגב
Shafir	..	285,000	180,370	..	שפיר
Tamar	-	-	-	-	תמר
Outside of regional councils	..	..	1,702,135	..	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(1)</b>	<b>152,600</b>	<b>62,200</b>	<b>706,800</b>	<b>921,600</b>	<b>אזור יהודה והשומרון(1)</b>

(1) Israeli localities.

(1) יישובים ישראליים.

**TABLE 16. POULTRY FARMS,(1) BY BRANCH,  
DISTRICT, AND REGIONAL COUNCIL**
**לוח 16. מגדלי עופות,(1)  
לפי שלוחה, מחוז ומועצה אזורית**

Absolute numbers	2017				מספרים מוחלטים
District and regional council	מטילות Laying hens	תרנגולי הודו Turkeys	פטמים Broilers	סך הכל(2) Total(2)	מחוז ומועצה אזורית
<b>Grand Total</b>	<b>1,512</b>	<b>93</b>	<b>482</b>	<b>2,064</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>1,144</b>	<b>50</b>	<b>291</b>	<b>1,473</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	-	-	-	אלונה
Bustan El-Marj	-	-	-	-	בוסתן אל-מרג'
Golan	6	22	22	45	גולן
HaGilbo'a	19	..	35	..	הגלבווע
HaGalil HaElyon	2	-	23	26	הגליל העליון
HaGalil HaTahton	10	-	10	20	הגליל התחתון
Zevulun	..	-	3	..	זבולון
Hof HaKarmel	3	..	14	..	חוף הכרמל
Mevo'ot HaHermon	82	-	44	127	מבואות החרמון
Megiddo	-	-	7	7	מגידו
Matte Asher	..	5	20	..	מטה אשר
Menashe	3	3	5	10	מנשה
Ma'ale Yosef	584	..	24	..	מעלה יוסף
Merom HaGalil	418	-	32	454	מרום הגליל
Misgav	-	-	5	5	משגב
Emeq HaYarden	-	..	8	..	עמק הירדן
Emeq HaMa'ayanot	-	4	7	11	עמק המעינות
Emeq Yizre'el	6	11	18	34	עמק יזרעאל
Outside of regional councils	8	..	14	..	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>179</b>	<b>22</b>	<b>58</b>	<b>247</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	6	-	3	9	ברנר
Gederot	31	..	6	..	גדרות
Gezer	6	-	6	12	גזר
Gan Rawe	13	-	3	16	גן רווה
Derom HaSharon	26	-	5	31	דרום השרון
Hevel Yavne	-	-	..	..	חבל יבנה
Hevel Modi'in	4	3	7	13	חבל מודיעין
Hof HaSharon	4	-	4	8	חוף השרון
Lev HaSharon	24	..	4	..	לב השרון
Nahal Soreq	-	-	-	-	נחל שורק
Emeq Hefer	45	12	5	59	עמק חפר
Emeq Lod	-	-	-	-	עמק לוד
Outside of regional councils	20	4	13	28	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>180</b>	<b>18</b>	<b>125</b>	<b>324</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	..	3	13	..	אשכול
Be'er Toviyya	11	3	13	28	באר טוביה
Bene Shim'on	..	-	9	..	בני שמעון
HaArava HaTikhona	..	..	-	..	הערבה התיכונה
Hevel Elot	..	-	-	..	חבל אילות
Hof Ashqelon	5	..	12	18	חוף אשקלון
Yo'av	..	-	3	5	יואב
Lakhish	4	..	6	..	לכיש
Matte Yehuda	142	..	13	..	מטה יהודה
Merhavim	7	..	26	32	מרחבים
Ramat Negev	..	-	-	..	רמת נגב
Sedot Negev	3	-	6	10	שדות נגב
Sha'ar HaNegev	-	-	9	9	שער הנגב
Shafir	..	4	6	..	שפיר
Tamar	-	-	-	-	תמר
Outside of regional councils	..	..	9	..	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(3)</b>	<b>9</b>	<b>3</b>	<b>8</b>	<b>20</b>	<b>אזור יהודה והשומרון(3)</b>

(1) Not including breeding farms for chicks.

(2) Not including duplications – farms with more than one branch, but including those that did not specify a branch.

(3) Israeli localities.

(1) לא כולל מגדלי אפרוחים לרבייה.

(2) לא כולל כפילויות – משקים שבהם יותר משלוחה אחת, אך כולל את אלה שלא ציינו שלוחה.

(3) יישובים ישראליים.

TABLE 17. POULTRY FARMS,(1) BY DISTRICT,  
SECTOR, AND TYPEלוח 17. מגדלי עופות,(1)  
לפי מחוז, מגזר וסוג משק

Absolute numbers		2017				מספרים מוחלטים	
District	מגזר ערבי Arab sector	Jewish sector		מגזר יהודי		סך הכל Total	מחוז
		משקים אחרים Other farms	מושבים Moshavim	קיבוצים(2) Kibbutzim(2)			
<b>Grand Total</b>	<b>42</b>	<b>90</b>	<b>2,150</b>	<b>177</b>	<b>2,459</b>	<b>סך כולל</b>	
Haifa and Northern Districts	31	20	1,552	121	1,724	מחוזות חיפה והצפון	
Tel Aviv and Central Districts	5	50	253	11	319	מחוזות תל אביב והמרכז	
Jerusalem and Southern Districts	6	9	334	36	385	מחוזות ירושלים והדרום	
Judea and Samaria Area(3)		11	11	9	31	אזור יהודה והשומרון(3)	

(1) Including breeding farms for chicks.

(2) Also including collective moshavim.

(3) Israeli localities.

(1) כולל מגדלי אפרוחים לרבייה.

(2) כולל גם מושבים שיתופיים.

(3) יישובים ישראליים.

TABLE 18. HEADS OF DAIRY CATTLE, BY BRANCH, DISTRICT, AND REGIONAL COUNCIL

לוח 18. ראשי בקר לחלב, לפי שלוחה, מחוז ומועצה אזורית

Absolute numbers	2017			מספרים מוחלטים
District and regional council	עגלות בקר לחלב Female calves for milk	פרות לחלב Cows for milk	סך הכל Total	מחוז ומועצה אזורית
<b>Grand Total</b>	<b>27,748</b>	<b>143,611</b>	<b>171,359</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>14,291</b>	<b>71,328</b>	<b>85,619</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	-	-	אלונה
Bustan El-Marj	-	..	..	בוסתן אל-מרג'
Golan	1,426	9,152	10,578	גולן
HaGilbo'a	2,159	9,215	11,374	הגלבע
HaGalil HaElyon	-	1,795	1,795	הגליל העליון
HaGalil HaTahton	1,340	6,308	7,648	הגליל התחתון
Zevulun	632	3,150	3,782	זבולון
Hof HaKarmel	..	2,140	..	חוף הכרמל
Mevo'ot HaHermon	..	700	..	מבואות החרמון
Megiddo	981	3,739	4,720	מגידו
Matte Asher	1,155	8,321	9,476	מטה אשר
Menashe	-	3,805	3,805	מנשה
Ma'ale Yosef	-	-	-	מעלה יוסף
Merom HaGalil	-	..	..	מרום הגליל
Misgav	-	924	924	משגב
Emeq HaYarden	1,185	4,135	5,320	עמק הירדן
Emeq HaMa'ayanot	600	4,300	4,900	עמק המעינות
Emeq Yizre'el	3,920	12,326	16,246	עמק יזרעאל
Outside of regional councils	243	1,253	1,496	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>5,681</b>	<b>21,734</b>	<b>27,415</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	-	1,290	1,290	ברנר
Gederot	-	..	..	גדרות
Gezer	..	2,480	..	גזר
Gan Rawe	-	-	-	גן רווה
Derom HaSharon	-	2,025	2,025	דרום השרון
Hevel Yavne	..	1,708	..	חבל יבנה
Hevel Modi'in	496	2,405	2,901	חבל מודיעין
Hof HaSharon	1,655	1,500	3,155	חוף השרון
Lev HaSharon	170	730	900	לב השרון
Nahal Soreq	1,480	-	1,480	נחל שורק
Emeq Hefer	1,710	7,666	9,376	עמק חפר
Emeq Lod	-	-	-	עמק לוד
Outside of regional councils	..	1,850	..	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>6,996</b>	<b>45,479</b>	<b>52,475</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	-	4,817	4,817	אשכול
Be'er Toviyya	2,337	9,301	11,638	באר טוביה
Bene Shim'on	610	2,885	3,495	בני שמעון
HaArava HaTikhona	100	1,135	1,235	הערבה התיכונה
Hevel Elot	300	3,310	3,610	חבל אילות
Hof Ashqelon	721	3,949	4,670	חוף אשקלון
Yo'av	300	1,150	1,450	יואב
Lakhish	-	545	545	לכיש
Matte Yehuda	..	..	..	מטה יהודה
Merhavim	1,165	6,008	7,173	מרחבים
Ramat Negev	..	..	..	רמת נגב
Sedot Negev	..	..	..	שדות נגב
Sha'ar HaNegev	-	4,315	4,315	שער הנגב
Shafir	..	2,165	..	שפיר
Tamar	-	-	-	תמר
Outside of regional councils	533	3,749	4,282	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(1)</b>	<b>780</b>	<b>5,070</b>	<b>5,850</b>	<b>אזור יהודה והשומרון(1)</b>

(1) Israeli localities.

(1) יישובים ישראליים.

**TABLE 19. HEADS OF MEAT CATTLE, BY BRANCH,  
DISTRICT, AND REGIONAL COUNCIL**
**לוח 19. ראשי בקר לבשר,  
לפי שלוחה, מחוז ומועצה אזורית**

Absolute numbers	2017			מספרים מוחלטים
District and regional council	מפטמות Feed lot	פרות לבשר Cows for meat	סך הכל Total	מחוז ומועצה אזורית
<b>Grand Total</b>	..	..	<b>305,426</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>124,732</b>	<b>43,652</b>	<b>168,384</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	..	..	אלונה
Bustan El-Marj	166	..	..	בוסתן אל-מרג'
Golan	3,239	11,677	<b>14,916</b>	גולן
HaGilbo'a	9,320	950	<b>10,270</b>	הגלבע
HaGalil HaElyon	..	4,615	..	הגליל העליון
HaGalil HaTahton	18,010	2,880	<b>20,890</b>	הגליל התחתון
Zevulun	770	..	..	זבולון
Hof HaKarmel	830	1,100	<b>1,930</b>	חוף הכרמל
Mevo'ot HaHermon	190	1,530	<b>1,720</b>	מבואות החרמון
Megiddo	1,803	1,877	<b>3,680</b>	מגידו
Matte Asher	2,610	280	<b>2,890</b>	מטה אשר
Menashe	600	440	<b>1,040</b>	מנשה
Ma'ale Yosef	..	2,125	..	מעלה יוסף
Merom HaGalil	1,536	5,816	<b>7,352</b>	מרום הגליל
Misgav	305	440	<b>745</b>	משגב
Emeq HaYarden	940	416	<b>1,356</b>	עמק הירדן
Emeq HaMa'ayanot	2,000	..	..	עמק המעינות
Emeq Yizre'el	39,958	1,345	<b>41,303</b>	עמק יזרעאל
Outside of regional councils	41,795	7,378	<b>49,173</b>	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>22,743</b>	<b>1,854</b>	<b>24,597</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	2,250	..	..	ברנר
Gederot	..	-	..	גדרות
Gezer	1,665	..	..	גזר
Gan Rawe	..	-	..	גן רווה
Derom HaSharon	..	..	<b>900</b>	דרום השרון
Hevel Yavne	..	-	..	חבל יבנה
Hevel Modi'in	4,238	722	<b>4,960</b>	חבל מודיעין
Hof HaSharon	..	-	..	חוף השרון
Lev HaSharon	270	-	<b>270</b>	לב השרון
Nahal Soreq	..	-	..	נחל שורק
Emeq Hefer	2,190	..	..	עמק חפר
Emeq Lod	..	..	..	עמק לוד
Outside of regional councils	1,395	88	<b>1,483</b>	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>103,599</b>	<b>5,830</b>	<b>109,429</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	..	..	<b>3,305</b>	אשכול
Be'er Toviyya	18,993	840	<b>19,833</b>	באר טוביה
Bene Shim'on	2,050	-	<b>2,050</b>	בני שמעון
HaArava HaTikhona	62,150	-	<b>62,150</b>	הערבה התיכונה
Hevel Elot	-	-	-	חבל אילות
Hof Ashqelon	500	440	<b>940</b>	חוף אשקלון
Yo'av	..	-	..	יואב
Lakhish	..	1,515	..	לכיש
Matte Yehuda	..	404	..	מטה יהודה
Merhavim	4,619	..	..	מרחבים
Ramat Negev	..	-	..	רמת נגב
Sedot Negev	..	..	..	שדות נגב
Sha'ar HaNegev	-	311	<b>311</b>	שער הנגב
Shafir	5,898	..	..	שפיר
Tamar	-	-	-	תמר
Outside of regional councils	4,965	1,626	<b>6,591</b>	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(1)</b>	..	..	<b>3,016</b>	<b>אזור יהודה והשומרון(1)</b>

(1) Israeli localities.

(1) יישובים ישראליים.

TABLE 20. DAIRY CATTLE FARMS, BY BRANCH, DISTRICT, AND REGIONAL COUNCIL

לוח 20. מגדלי בקר לחלב, לפי שלוחה, מחוז ומועצה אזורית

Absolute numbers	2017			מספרים מוחלטים
District and regional council	עגלות בקר לחלב Female calves for milk	פרות לחלב Cows for milk	סך הכל(1) Total(1)	מחוז ומועצה אזורית
<b>Grand Total</b>	<b>206</b>	<b>866</b>	<b>908</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>112</b>	<b>436</b>	<b>453</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	-	-	אלונה
Bustan El-Marj	-	..	..	בוסתן אל-מרג'
Golan	8	69	69	גולן
HaGilbo'a	27	65	67	הגלבע
HaGalil HaElyon	-	7	7	הגליל העליון
HaGalil HaTahton	15	49	51	הגליל התחתון
Zevulun	5	10	13	זבולון
Hof HaKarmel	..	11	..	חוף הכרמל
Mevo'ot HaHermon	..	6	..	מבואות החרמון
Megiddo	9	29	30	מגידו
Matte Asher	9	51	52	מטה אשר
Menashe	-	9	9	מנשה
Ma'ale Yosef	-	-	-	מעלה יוסף
Merom HaGalil	-	..	..	מרום הגליל
Misgav	-	4	4	משגב
Emeq HaYarden	3	15	15	עמק הירדן
Emeq HaMa'ayanot	3	12	12	עמק המעינות
Emeq Yizre'el	25	84	88	עמק יזרעאל
Outside of regional councils	6	13	17	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>32</b>	<b>127</b>	<b>134</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	-	8	8	ברנר
Gederot	-	..	..	גדרות
Gezer	..	13	..	גזר
Gan Rawe	-	-	-	גן רווה
Derom HaSharon	-	6	6	דרום השרון
Hevel Yavne	..	4	..	חבל יבנה
Hevel Modi'in	7	23	25	חבל מודיעין
Hof HaSharon	3	4	5	חוף השרון
Lev HaSharon	3	7	7	לב השרון
Nahal Soreq	5	-	4	נחל שורק
Emeq Hefer	13	53	55	עמק חפר
Emeq Lod	-	-	-	עמק לוד
Outside of regional councils	..	8	5	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>59</b>	<b>290</b>	<b>308</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	-	10	10	אשכול
Be'er Toviyya	22	110	114	באר טוביה
Bene Shim'on	2	5	5	בני שמעון
HaArava HaTikhona	2	17	17	הערבה התיכונה
Hevel Elot	1	7	7	חבל אילות
Hof Ashqelon	7	23	25	חוף אשקלון
Yo'av	1	4	3	יואב
Lakhish	-	3	3	לכיש
Matte Yehuda	..	..	..	מטה יהודה
Merhavim	16	61	69	מרחבים
Ramat Negev	..	..	..	רמת נגב
Sedot Negev	..	..	..	שדות נגב
Sha'ar HaNegev	-	21	21	שער הנגב
Shafir	..	12	13	שפיר
Tamar	-	-	-	תמר
Outside of regional councils	3	12	15	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(2)</b>	<b>3</b>	<b>13</b>	<b>13</b>	<b>אזור יהודה והשומרון(2)</b>

(1) Not including duplications – farms with more than one branch.

(1) לא כולל כפילויות – משקים שבהם יותר משלוחה אחת.

(2) Israeli localities.

(2) יישובים ישראליים.

TABLE 21. MEAT CATTLE FARMS, BY BRANCH, DISTRICT, AND REGIONAL COUNCIL

לוח 21. מגדלי בקר לבשר, לפי שלוחה, מחוז ומועצה אזורית

Absolute numbers	2017			מספרים מוחלטים
District and regional council	מפטמות Feed lot	פרות לבשר Cows for meat	סך הכל(1) Total(1)	מחוז ומועצה אזורית
<b>Grand Total</b>	<b>618</b>	<b>351</b>	<b>926</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>437</b>	<b>301</b>	<b>701</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	..	..	אלונה
Bustan El-Marj	3	..	..	בוסתן אל-מרג'
Golan	14	28	37	גולן
HaGilbo'a	46	5	48	הגלבע
HaGalil HaElyon	..	9	..	הגליל העליון
HaGalil HaTahton	29	17	39	הגליל התחתון
Zevulun	5	..	..	זבולון
Hof HaKarmel	6	7	10	חוף הכרמל
Mevo'ot HaHermon	..	7	..	מבואות החרמון
Megiddo	6	7	13	מגידו
Matte Asher	9	5	14	מטה אשר
Menashe	3	3	6	מנשה
Ma'ale Yosef	..	23	..	מעלה יוסף
Merom HaGalil	26	46	61	מרום הגליל
Misgav	5	7	12	משגב
Emeq HaYarden	3	3	6	עמק הירדן
Emeq HaMa'ayanot	5	..	..	עמק המעינות
Emeq Yizre'el	66	8	71	עמק יזרעאל
Outside of regional councils	207	118	325	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>65</b>	<b>11</b>	<b>73</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	8	..	..	ברנר
Gederot	..	-	..	גדרות
Gezer	5	..	..	גזר
Gan Rawe	..	-	..	גן רווה
Derom HaSharon	..	..	4	דרום השרון
Hevel Yavne	..	-	..	חבל יבנה
Hevel Modi'in	7	3	9	חבל מודיעין
Hof HaSharon	..	-	..	חוף השרון
Lev HaSharon	3	-	3	לב השרון
Nahal Soreq	..	-	..	נחל שורק
Emeq Hefer	17	..	..	עמק חפר
Emeq Lod	..	..	..	עמק לוד
Outside of regional councils	13	3	16	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>116</b>	<b>39</b>	<b>148</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	..	..	3	אשכול
Be'er Toviyya	68	6	69	באר טוביה
Bene Shim'on	5	-	5	בני שמעון
HaArava HaTikhona	3	-	3	הערבה התיכונה
Hevel Elot	-	-	-	חבל אילת
Hof Ashqelon	4	5	9	חוף אשקלון
Yo'av	..	-	..	יואב
Lakhish	..	5	..	לכיש
Matte Yehuda	..	4	..	מטה יהודה
Merhavim	17	..	..	מרחבים
Ramat Negev	..	-	..	רמת נגב
Sedot Negev	..	..	..	שדות נגב
Sha'ar HaNegev	-	3	3	שער הנגב
Shafir	7	..	..	שפיר
Tamar	-	-	-	תמר
Outside of regional councils	3	9	12	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(2)</b>	<b>..</b>	<b>..</b>	<b>4</b>	<b>אזור יהודה והשומרון(2)</b>

(1) Not including duplications – farms with more than one branch.

(1) לא כולל כפילויות – משקים שבהם יותר משלוחה אחת.

(2) Israeli localities.

(2) יישובים ישראליים.

**TABLE 22. CATTLE FARMS,  
BY DISTRICT, SECTOR, AND TYPE**

**לוח 22. מגדלי בקר,  
לפי מחוז, מגזר וסוג משק**

Absolute numbers		2017				מספרים מוחלטים
District	מגזר ערבי Arab sector	Jewish sector		מגזר יהודי	סך הכל Total	מחוז
		משקים אחרים Other farms	מושבים Moshavim	קיבוצים(1) Kibbutzim(1)		
<b>Grand Total</b>	<b>396</b>	<b>86</b>	<b>970</b>	<b>206</b>	<b>1,658</b>	<b>סך כולל</b>
Haifa and Northern Districts	361	61	521	116	<b>1,059</b>	מחוזות חיפה והצפון
Tel Aviv and Central Districts	11	13	140	24	<b>188</b>	מחוזות תל אביב והמרכז
Jerusalem and Southern Districts	24	8	306	56	<b>394</b>	מחוזות ירושלים והדרום
Judea and Samaria Area(2)		4	3	10	<b>17</b>	אזור יהודה והשומרון(2)

(1) Also including collective moshavim.

(2) Israeli localities.

(1) כולל גם מושבים שיתופיים.

(2) יישובים ישראליים.

TABLE 23. HEADS OF SHEEP AND GOATS,(1) BY BRANCH, DISTRICT, AND REGIONAL COUNCIL

לוח 23. ראשי צאן, (1) לפי שלוחה, מחוז ומועצה אזורית

Absolute numbers	2017				מספרים מוחלטים
District and regional council	עזים לחלב Goats for milk	כבשים לבשר Sheep for meat	כבשים לחלב Sheep for milk	סך הכל Total	מחוז ומועצה אזורית
<b>Grand Total</b>	<b>34,519</b>	<b>437,629</b>	<b>38,541</b>	<b>510,689</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>26,679</b>	<b>238,528</b>	<b>21,336</b>	<b>286,543</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	-	-	-	אלונה
Bustan El-Marj	-	1,520	..	..	בוסתן אל-מרג'
Golan	450	6,892	-	7,342	גולן
HaGilbo'a	..	14,102	3,950	..	הגלבע
HaGalil HaElyon	..	-	..	..	הגליל העליון
HaGalil HaTahton	1,945	10,795	5,270	18,010	הגליל התחתון
Zevulun	-	510	-	510	זבולון
Hof HaKarmel	..	1,480	-	..	חוף הכרמל
Mevo'ot HaHermon	..	81	..	..	מבואות החרמון
Megiddo	..	3,290	..	..	מגידו
Matte Asher	..	1,478	-	..	מטה אשר
Menashe	624	771	-	1,395	מנשה
Ma'ale Yosef	2,420	773	-	3,193	מעלה יוסף
Merom HaGalil	6,025	3,065	420	9,510	מרום הגליל
Misgav	876	186	..	..	משגב
Emeq HaYarden	..	-	-	..	עמק הירדן
Emeq HaMa'ayanot	270	1,952	..	..	עמק המעינות
Emeq Yizre'el	2,754	12,624	3,604	18,982	עמק יזרעאל
Outside of regional councils	8,209	177,489	6,189	191,887	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>3,551</b>	<b>22,361</b>	<b>5,307</b>	<b>31,219</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	..	..	-	..	ברנר
Gederot	..	..	-	..	גדרות
Gezer	..	1,270	..	..	גזר
Gan Rawe	..	..	-	..	גן רווה
Derom HaSharon	..	4,191	..	..	דרום השרון
Hevel Yavne	-	..	-	..	חבל יבנה
Hevel Modi'in	873	1,478	..	..	חבל מודיעין
Hof HaSharon	..	1,211	-	..	חוף השרון
Lev HaSharon	..	4,800	1,230	..	לב השרון
Nahal Soreq	-	-	-	-	נחל שורק
Emeq Hefer	..	55	..	..	עמק חפר
Emeq Lod	-	690	-	690	עמק לוד
Outside of regional councils	770	5,823	628	7,221	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>2,958</b>	<b>165,882</b>	<b>10,338</b>	<b>179,178</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	-	4,200	-	4,200	אשכול
Be'er Toviyya	150	3,769	1,230	5,149	באר טוביה
Bene Shim'on	..	2,480	..	..	בני שמעון
HaArava HaTikhona	..	108,875	..	..	הערבה התיכונה
Hevel Elot	..	-	-	..	חבל אילות
Hof Ashqelon	789	4,632	-	5,421	חוף אשקלון
Yo'av	-	1,952	-	1,952	יואב
Lakhish	..	3,740	-	..	לכיש
Matte Yehuda	231	2,537	1,647	4,415	מטה יהודה
Merhavim	..	1,040	542	..	מרחבים
Ramat Negev	..	..	-	..	רמת נגב
Sedot Negev	..	2,247	..	..	שדות נגב
Sha'ar HaNegev	-	..	..	..	שער הנגב
Shafir	-	545	..	..	שפיר
Tamar	-	..	-	..	תמר
Outside of regional councils	224	24,483	3,337	28,044	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(2)</b>	<b>1,331</b>	<b>10,858</b>	<b>1,560</b>	<b>13,749</b>	<b>אזור יהודה והשומרון(2)</b>

(1) Including only mature female sheep and goats.

(1) כולל כבשים ועזים בוגרות בלבד.

(2) Israeli localities.

(2) יישובים ישראליים.

**TABLE 24. SHEEP AND GOAT FARMS, BY BRANCH,  
DISTRICT, AND REGIONAL COUNCIL**
**לוח 24. מגדלי צאן,  
לפי שלוחה, מחוז ומועצה אזורית**

Absolute numbers		2017			מספרים מוחלטים
District and regional council	עזים לחלב Goats for milk	כבשים לבשר Sheep for meat	כבשים לחלב Sheep for milk	סך הכל(1) Total(1)	מחוז ומועצה אזורית
<b>Grand Total</b>	<b>164</b>	<b>823</b>	<b>185</b>	<b>1,131</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>103</b>	<b>462</b>	<b>115</b>	<b>654</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	-	-	-	אלונה
Bustan El-Marj	-	6	..	..	בוסתן אל-מרג'
Golan	5	23	-	26	גולן
HaGilbo'a	..	43	10	..	הגלבע
HaGalil HaElyon	..	-	..	..	הגליל העליון
HaGalil HaTahton	7	25	13	42	הגליל התחתון
Zevulun	-	3	-	3	זבולון
Hof HaKarmel	..	8	-	..	חוף הכרמל
Mevo'ot HaHermon	..	3	..	..	מבואות החרמון
Megiddo	..	5	..	..	מגידו
Matte Asher	..	12	-	..	מטה אשר
Menashe	3	6	-	7	מנשה
Ma'ale Yosef	-	7	-	7	מעלה יוסף
Merom HaGalil	9	31	3	41	מרום הגליל
Misgav	9	6	..	..	משגב
Emeq HaYarden	..	-	-	..	עמק הירדן
Emeq HaMa'ayanot	3	12	..	..	עמק המעינות
Emeq Yizre'el	9	29	9	42	עמק יזרעאל
Outside of regional councils	49	243	74	355	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>24</b>	<b>108</b>	<b>19</b>	<b>151</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	..	..	-	..	ברנר
Gederot	..	..	-	..	גדרות
Gezer	..	5	..	..	גזר
Gan Rawe	..	..	-	..	גן רווה
Derom HaSharon	..	21	..	..	דרום השרון
Hevel Yavne	-	..	-	..	חבל יבנה
Hevel Modi'in	6	14	..	..	חבל מודיעין
Hof HaSharon	..	7	-	..	חוף השרון
Lev HaSharon	..	7	3	..	לב השרון
Nahal Soreq	-	-	-	-	נחל שורק
Emeq Hefer	..	3	..	..	עמק חפר
Emeq Lod	-	6	-	6	עמק לוד
Outside of regional councils	6	40	11	54	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>30</b>	<b>228</b>	<b>48</b>	<b>294</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	-	4	-	4	אשכול
Be'er Toviyya	3	17	3	22	באר טוביה
Bene Shim'on	..	6	..	..	בני שמעון
HaArava HaTikhona	..	8	..	..	הערבה התיכונה
Hevel Elot	..	-	-	..	חבל אילות
Hof Ashqelon	3	8	-	10	חוף אשקלון
Yo'av	-	4	-	4	יואב
Lakhish	..	12	-	..	לכיש
Matte Yehuda	6	15	5	25	מטה יהודה
Merhavim	..	9	3	..	מרחבים
Ramat Negev	..	..	-	..	רמת נגב
Sedot Negev	..	12	..	..	שדות נגב
Sha'ar HaNegev	-	..	..	..	שער הנגב
Shafir	-	5	..	..	שפיר
Tamar	-	..	-	..	תמר
Outside of regional councils	9	125	31	159	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(2)</b>	<b>7</b>	<b>25</b>	<b>3</b>	<b>32</b>	<b>אזור יהודה והשומרון(2)</b>

(1) Not including duplications – farms with more than one branch.

(1) לא כולל כפילויות – משקים שבהם יותר משלוחה אחת.

(2) Israeli localities.

(2) יישובים ישראליים.

**TABLE 25. SHEEP AND GOAT FARMS,  
BY DISTRICT AND TYPE**

**לוח 25. מגדלי צאן,  
לפי מחוז וסוג משק**

Absolute numbers		2017				מספרים מוחלטים	
District	מגזר ערבי Arab sector	Jewish sector		מגזר יהודי		סך הכל Total	מחוז
		משקים אחרים Other farms	מושבים Moshavim	קיבוצים(1) Kibbutzim(1)			
<b>Grand Total</b>	<b>579</b>	<b>122</b>	<b>418</b>	<b>12</b>	<b>1,131</b>	<b>סך כולל</b>	
Haifa and Northern Districts	383	52	211	8	654	מחוזות חיפה והצפון	
Tel Aviv and Central Districts	30	28	92	..	..	מחוזות תל אביב והמרכז	
Jerusalem and Southern Districts	166	19	106	..	..	מחוזות ירושלים והדרום	
Judea and Samaria Area(2)		23	9	-	32	אזור יהודה והשומרון(2)	

(1) Also including collective moshavim.

(2) Israeli localities.

(1) כולל גם מושבים שיתופיים.

(2) יישובים ישראליים.

TABLE 26. AQUACULTURE, BY TYPE AND DISTRICT

לוח 26. חקלאות מים, לפי סוג ומחוז

2017

District	סוגים אחרים(1) Other types(1)		דגי נוי Ornamental fish		דגי מאכל Fish for food		סך הכל Total		מחוז
	מכלים (מ"ק) Tanks (m <sup>3</sup> )	בריכות (דונמים) Ponds (dunams)	מכלים (מ"ק) Tanks (m <sup>3</sup> )	בריכות (דונמים) Ponds (dunams)	מכלים (מ"ק) Tanks (m <sup>3</sup> )	בריכות (דונמים) Ponds (dunams)	מכלים (מ"ק) Tanks (m <sup>3</sup> )	בריכות (דונמים) Ponds (dunams)	
<b>Farms – total (absolute numbers)(2)</b>	<b>7</b>	<b>20</b>	<b>27</b>	<b>35</b>	<b>6</b>	<b>43</b>	<b>40</b>	<b>98</b>	<b>משקים – סך הכל (מספרים מוחלטים)(2)</b>
<b>Area/volume – total</b>	<b>2,950</b>	<b>481</b>	<b>9,047</b>	<b>1,688</b>	<b>1,822</b>	<b>16,354</b>	<b>13,819</b>	<b>18,523</b>	<b>שטח/נפח – סך הכל</b>
Haifa and Northern Districts	..	324	2,650	1,528	..	15,740	<b>4,931</b>	<b>17,591</b>	מחוזות חיפה והצפון
Tel Aviv and Central Districts	..	39	3,377	59	..	11	<b>4,678</b>	<b>109</b>	מחוזות תל אביב והמרכז
Jerusalem and Southern Districts	500	118	2,370	57	690	604	<b>3,560</b>	<b>779</b>	מחוזות ירושלים והדרום
Judea and Samaria Area(3)	-	-	650	44	-	-	<b>650</b>	<b>44</b>	אזור יהודה והשומרון(3)

(1) Including algae, sea food ,crabs, and water plants.

(1) כולל אצות, פירות ים, סרטנים וצמחי מים.

(2) Including duplications – those with ponds and also tanks.

(2) כולל כפילויות – אלה שבהם בריכות וגם מכלים.

(3) Israeli localities.

(3) יישובים ישראליים.

**TABLE 27. BEEKEEPERS AND HIVES,  
BY DISTRICT, SECTOR, AND TYPE OF FARM**

**לוח 27. דבוראים וכוורות,  
לפי מחוז, מגזר וסוג משק**

Absolute numbers		2017				מספרים מוחלטים
District	מגזר ערבי Arab sector	Jewish sector		מגזר יהודי	סך הכל Total	מחוז
		משקים אחרים Other farms	מושבים Moshavim	קיבוצים(1) Kibbutzim(1)		
<b>Beekeepers – total</b>	<b>41</b>	<b>119</b>	<b>137</b>	<b>9</b>	<b>306</b>	<b>דבוראים – סך הכל</b>
<b>Hives – total</b>	<b>1,509</b>	<b>28,999</b>	<b>74,489</b>	<b>15,970</b>	<b>120,967</b>	<b>כוורות – סך הכל</b>
Haifa and Northern Districts	1,487	9,795	27,688	9,120	<b>48,090</b>	מחוזות חיפה והצפון
Tel Aviv and Central Districts	..	12,989	33,827	..	<b>48,216</b>	מחוזות תל אביב והמרכז
Jerusalem and Southern Districts	..	3,291	12,974	..	<b>21,737</b>	מחוזות ירושלים והדרום
Judea and Samaria Area(2)		2,924	-	-	<b>2,924</b>	אזור יהודה והשומרון(2)

(1) Also including collective moshavim.

(2) Israeli localities.

(1) כולל גם מושבים שיתופיים.

(2) יישובים ישראליים.

**TABLE 28. INCOME FROM AGRICULTURE IN AGRICULTURAL FARMS,  
BY SECTOR AND TYPE OF FARM,  
AND BY DISTRICT AND REGIONAL COUNCIL**

**לוח 28. הכנסה מחקלאות במשקים חקלאיים,  
לפי מגזר וסוג משק,  
ולפי מחוז ומועצה אזורית**

District and regional council	2017				אחוזי הכנסה מחקלאות Percentages of income from agriculture	משקים – סך הכל(1)(2) Farms – total(1)(2)	מחוז ומועצה אזורית
	מגזר ערבי Arab sector	Jewish sector		מגזר יהודי קיבוצים(3) Kibbutzim(3)			
		משקים אחרים Other farms	מושבים Moshavim				
<b>Grand Total</b>	<b>66</b>	<b>78</b>	<b>77</b>	<b>60</b>	<b>75</b>	<b>15,667</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>64</b>	<b>79</b>	<b>77</b>	<b>58</b>	<b>73</b>	<b>7,630</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	-	83	-	83	68	אלונה
Bustan El-Marj	68	-	-	-	68	19	בוסתן אל-מרג'
Golan	-	75	75	67	75	500	גולן
HaGilbo'a	75	90	78	69	78	382	הגלבוע
HaGalil HaElyon	-	..	-	57	59	30	הגליל העליון
HaGalil HaTahton	-	89	68	48	69	345	הגליל התחתון
Zevulun	78	-	75	40	73	88	זבולון
Hof HaKarmel	75	74	75	46	74	304	חוף הכרמל
Mevo'ot HaHermon	-	56	71	-	70	446	מבואות החרמון
Megiddo	-	63	82	46	77	82	מגידו
Matte Asher	54	78	79	64	77	367	מטה אשר
Menashe	67	90	73	53	73	160	מנשה
Ma'ale Yosef	-	60	81	-	80	784	מעלה יוסף
Merom HaGalil	50	93	80	..	79	723	מרום הגליל
Misgav	69	85	43	61	64	90	משגב
Emeq HaYarden	-	75	91	63	82	100	עמק הירדן
Emeq HaMa'ayanot	-	72	82	66	78	160	עמק המעינות
Emeq Yizre'el	50	73	80	44	79	480	עמק יזרעאל
Outside of regional councils	63	80	-	-	67	2,502	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>80</b>	<b>78</b>	<b>70</b>	<b>50</b>	<b>72</b>	<b>3,751</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	-	50	78	..	75	83	ברנר
Gederot	-	76	71	-	71	134	גדרות
Gezer	-	79	73	49	73	378	גזר
Gan Rawe	-	..	76	..	75	154	גן רווה
Derom HaSharon	-	67	62	38	62	430	דרום השרון
Hevel Yavne	-	-	60	52	59	22	חבל יבנה
Hevel Modi'in	-	87	66	..	67	245	חבל מודיעין
Hof HaSharon	-	..	59	12	58	245	חוף השרון
Lev HaSharon	-	59	73	..	71	468	לב השרון
Nahal Soreq	-	74	80	..	78	53	נחל שורק
Emeq Hefer	-	89	77	78	77	710	עמק חפר
Emeq Lod	-	..	46	-	49	96	עמק לוד
Outside of regional councils	80	81	-	-	81	733	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>68</b>	<b>75</b>	<b>80</b>	<b>65</b>	<b>79</b>	<b>3,823</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	-	77	88	81	88	425	אשכול
Be'er Toviyya	-	..	76	..	76	558	באר טוביה
Bene Shim'on	-	78	70	68	70	72	בני שמעון
HaArava HaTikhona	-	70	87	-	87	466	הערבה התיכונה
Hevel Elot	-	..	-	69	69	12	חבל אילות
Hof Ashqelon	-	84	75	68	76	218	חוף אשקלון
Yo'av	..	90	85	81	84	57	יואב
Lakhish	-	-	85	..	85	297	לכיש
Matte Yehuda	..	67	77	51	76	387	מטה יהודה
Merhavim	-	75	75	-	75	379	מרחבים
Ramat Negev	-	60	86	49	78	103	רמת נגב
Sedot Negev	..	67	75	..	75	254	שדות נגב
Sha'ar HaNegev	..	..	79	49	71	39	שער הנגב
Shafir	-	67	78	..	77	149	שפיר
Tamar	-	..	89	..	89	64	תמר
Outside of regional councils	68	75	-	-	70	343	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(4)</b>		<b>77</b>	<b>87</b>	<b>79</b>	<b>83</b>	<b>463</b>	<b>אזור יהודה והשומרון(4)</b>

(1) Excluding farms in the Druze localities of the Golan Heights.

(2) Data of 98% of the farms.

(3) Also including collective moshavim.

(4) Israeli localities.

(1) לא כולל משקים ביישובי הדרוזים ברמת הגולן.

(2) נתונים של 98% מהמשקים.

(3) כולל גם מושבים שיתופיים.

(4) יישובים ישראליים.

**TABLE 29. VEGETABLE AND FRUIT FARMS, BY DISTRICT, SECTOR, AND TYPE, AND BY MARKETING CHANNEL(1)**  
**לוח 29. משקי ירקות ופירות, לפי מחוז, מגזר וסוג, ולפי ערוץ שיווק(1)**

District, sector, and type of farm	2017											סך הכל Total	מחוז, מגזר וסוג משק
	Marketing channel(1)						ערוץ שיווק(1)						
	לא השיבו No response	אחרים Other channels	בתי אריזה Packing houses	קואופרטיבים Co- operatives	מכירה ישירה Direct sale	תעשייה Manufac- turing	יצוא Export	רשתות שיווק Marketing chains	צריכה עצמית Self- consumption	משווקים סוחרים Wholesalers			
<b>Grand Total</b>	<b>1,184</b>	<b>841</b>	<b>312</b>	<b>455</b>	<b>750</b>	<b>1,263</b>	<b>1,364</b>	<b>1,591</b>	<b>1,787</b>	<b>4,211</b>	<b>10,721</b>	<b>סך כולל</b>	
<b>Haifa and Northern Districts</b>	<b>410</b>	<b>354</b>	<b>208</b>	<b>211</b>	<b>293</b>	<b>631</b>	<b>379</b>	<b>562</b>	<b>1,228</b>	<b>1,829</b>	<b>4,964</b>	<b>מחוזות חיפה והצפון</b>	
Moshavim	246	190	170	106	193	460	255	340	230	1,302	2,790	מושבים	
Kibbutzim(2)	5	5	10	74	8	71	47	25	10	70	166	קיבוצים(2)	
Jewish – other	48	35	25	24	45	83	72	94	39	254	511	יהודיים אחרים	
Arab(3)	111	124	3	7	47	17	5	103	949	203	1,497	ערביים(3)	
<b>Tel Aviv and Central Districts</b>	<b>459</b>	<b>292</b>	<b>52</b>	<b>75</b>	<b>258</b>	<b>300</b>	<b>274</b>	<b>388</b>	<b>357</b>	<b>976</b>	<b>2,772</b>	<b>מחוזות תל אביב והמרכז</b>	
Moshavim	372	233	40	48	205	206	200	234	262	679	2,024	מושבים	
Kibbutzim(2)	..	55	..	15	3	14	..	7	2	24	38	קיבוצים(2)	
Jewish – other	71	71	11	..	41	77	62	77	57	173	490	יהודיים אחרים	
Arab	..	4	..	..	9	3	..	70	36	100	220	ערביים	
<b>Jerusalem and Southern Districts</b>	<b>287</b>	<b>170</b>	<b>46</b>	<b>154</b>	<b>165</b>	<b>272</b>	<b>589</b>	<b>571</b>	<b>172</b>	<b>1,232</b>	<b>2,592</b>	<b>מחוזות ירושלים והדרום</b>	
Moshavim	263	146	41	109	148	202	518	515	132	1,135	2,342	מושבים	
Kibbutzim(2)	3	5	4	37	2	38	43	31	4	50	80	קיבוצים(2)	
Jewish – other	15	12	..	..	15	..	..	..	17	41	129	יהודיים אחרים	
Arab	6	7	..	..	-	..	..	..	19	6	41	ערביים	
<b>Judea and Samaria Area(4)</b>	<b>28</b>	<b>25</b>	<b>6</b>	<b>15</b>	<b>34</b>	<b>60</b>	<b>122</b>	<b>70</b>	<b>30</b>	<b>174</b>	<b>393</b>	<b>אזור יהודה ושומרון(4)</b>	
Moshavim	14	11	..	10	14	14	104	56	4	126	236	מושבים	
Kibbutzim(2)	-	..	..	5	-	4	6	..	1	12	16	קיבוצים(2)	
Jewish – other	14	14	-	-	20	42	12	..	25	36	141	יהודיים אחרים	

(1) Some of the farms sell produce to more than one marketing channel.  
 (2) Also including collective moshavim.  
 (3) Excluding farms in the Druze localities of the Golan Heights.  
 (4) Israeli localities.

**TABLE 30. ANCILLARY AGRICULTURAL ACTIVITY(1) ON AGRICULTURAL FARMS, BY DISTRICT, SECTOR, AND TYPE OF FARM**
**לוח 30. פעילות חקלאית נלווית(1) במשקים חקלאיים, לפי מחוז, מגזר וסוג משק**

Farms (absolute numbers)	2017						משקים (מספרים מוחלטים)
District, sector, and type of farm	פעילויות אחרות Other activities	תיירות חקלאית Agricultural tourism	מכירה ישירה של תוצרת Direct sale of produce	עיבוד ומכירה של תוצרת Processing and sale of produce	טיפול בתוצרת Treatment of produce	שירותי קבלנות Contracting services	מחוז, מגזר וסוג משק
<b>Grand Total</b>	<b>509</b>	<b>632</b>	<b>2,386</b>	<b>859</b>	<b>3,520</b>	<b>979</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>227</b>	<b>264</b>	<b>935</b>	<b>380</b>	<b>1,151</b>	<b>449</b>	<b>מחוזות חיפה והצפון</b>
Moshavim	155	160	643	239	900	319	מושבים
Kibbutzim(2)	24	23	22	24	39	18	קיבוצים(2)
Jewish – other	30	37	147	71	165	63	יהודיים אחרים
Arab(3)	18	44	123	46	47	49	ערביים(3)
<b>Tel Aviv and Central Districts</b>	<b>155</b>	<b>151</b>	<b>711</b>	<b>187</b>	<b>871</b>	<b>213</b>	<b>מחוזות תל אביב והמרכז</b>
Moshavim	122	90	530	144	671	155	מושבים
Kibbutzim(2)	8	4	6	..	4	9	קיבוצים(2)
Jewish – other	21	46	144	36	174	40	יהודיים אחרים
Arab	4	11	31	..	22	9	ערביים
<b>Jerusalem and Southern Districts</b>	<b>111</b>	<b>172</b>	<b>624</b>	<b>243</b>	<b>1,285</b>	<b>286</b>	<b>מחוזות ירושלים והדרום</b>
Moshavim	94	119	541	175	1,196	248	מושבים
Kibbutzim(2)	..	12	18	20	26	15	קיבוצים(2)
Jewish – other	10	36	60	34	52	18	יהודיים אחרים
Arab	..	5	5	14	11	5	ערביים
<b>Judea and Samaria Area(4)</b>	<b>16</b>	<b>45</b>	<b>116</b>	<b>49</b>	<b>213</b>	<b>31</b>	<b>אזור יהודה והשומרון(4)</b>
Moshavim	10	10	46	11	150	10	מושבים
Kibbutzim(2)	-	5	4	-	12	3	קיבוצים(2)
Jewish – other	6	30	66	38	51	18	יהודיים אחרים

(1) Some farms have more than one ancillary activity.

(1) בחלק מהמשקים קיימת יותר מפעילות נלווית אחת.

(2) Also including collective moshavim.

(2) כולל גם מושבים שיתופיים.

(3) Data on farms in the Druze localities of the Golan Heights are presented at the locality level.

(3) נתוני המשקים ביישובים הדרוזיים ברמת הגולן מוצגים ברמת היישוב.

(4) Israeli localities.

(4) יישובים ישראליים.

TABLE 31. ANCILLARY AGRICULTURAL ACTIVITY(1) ON AGRICULTURAL FARMS, BY DISTRICT AND REGIONAL COUNCIL

לוח 31. פעילות חקלאית נלווית(1) במשקים חקלאיים, לפי מחוז ומועצה אזורית

Farms (absolute numbers)	2017						משקים (מספרים מוחלטים)
District and regional council	פעילויות אחרות	תיירות חקלאית	מכירה ישירה של תוצרת	עיבוד ומכירה של תוצרת	טיפול בתוצרת	שירותי קבלנות	מחוז ומועצה אזורית
<b>Grand Total</b>	<b>509</b>	<b>632</b>	<b>2,386</b>	<b>859</b>	<b>3,520</b>	<b>979</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>227</b>	<b>264</b>	<b>935</b>	<b>380</b>	<b>1,151</b>	<b>449</b>	<b>מחוזות חיפה והצפון</b>
Allona	-	5	25	3	30	..	אלונה
Bustan El-Marj	-	-	-	-	-	-	בוסתן אל-מרג'
Golan	31	30	88	47	91	54	גולן
HaGilbo'a	12	6	48	25	63	23	הגלבע
HaGalil HaElyon	4	..	5	7	10	3	הגליל העליון
HaGalil HaTahton	15	13	41	19	25	37	הגליל התחתון
Zevulun	6	5	23	6	21	8	זבולון
Hof HaKarmel	11	17	51	21	92	18	חוף הכרמל
Mevo'ot HaHermon	15	17	69	24	55	33	מבואות החרמון
Megiddo	..	..	8	3	11	4	מגידו
Matte Asher	12	14	46	18	43	16	מטה אשר
Menashe	12	6	35	9	40	13	מנשה
Ma'ale Yosef	14	19	52	12	236	31	מעלה יוסף
Merom HaGalil	17	19	74	35	91	41	מרום הגליל
Misgav	4	5	6	10	6	..	משגב
Emeq HaYarden	8	9	19	4	44	6	עמק הירדן
Emeq HaMa'ayanot	..	7	58	4	67	14	עמק המעינות
Emeq Yizre'el	29	25	79	43	67	56	עמק יזרעאל
Outside of regional councils(2)	33	63	208	90	159	89	מחוץ למועצות אזוריות(2)
<b>Tel Aviv and Central Districts</b>	<b>155</b>	<b>151</b>	<b>711</b>	<b>187</b>	<b>871</b>	<b>213</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	4	..	18	7	20	..	ברנר
Gederot	4	6	29	16	44	8	גדרות
Gezer	20	16	66	24	101	28	גזר
Gan Rawe	..	6	49	..	29	6	גן רווה
Derom HaSharon	28	16	89	23	76	28	דרום השרון
Hevel Yavne	..	..	4	..	5	..	חבל יבנה
Hevel Modi'in	16	11	47	17	58	12	חבל מודיעין
Hof HaSharon	15	11	35	7	32	13	חוף השרון
Lev HaSharon	20	12	97	16	131	31	לב השרון
Nahal Soreq	..	3	11	7	20	6	נחל שורק
Emeq Hefer	21	16	115	32	188	34	עמק חפר
Emeq Lod	4	5	15	6	20	4	עמק לוד
Outside of regional councils	18	46	136	23	147	39	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>111</b>	<b>172</b>	<b>624</b>	<b>243</b>	<b>1,285</b>	<b>286</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	11	12	79	19	220	44	אשכול
Be'er Toviyya	23	16	86	29	159	40	באר טוביה
Bene Shim'on	-	-	16	..	25	9	בני שמעון
HaArava HaTikhona	14	31	57	23	241	27	הערבה התיכונה
Hevel Elot	-	6	5	..	6	..	חבל אילת
Hof Ashqelon	7	7	37	10	64	20	חוף אשקלון
Yo'av	5	..	16	8	23	5	יואב
Lakhish	5	10	66	16	135	21	לכיש
Matte Yehuda	9	14	40	31	100	18	מטה יהודה
Merhavim	9	13	58	35	70	23	מרחבים
Ramat Negev	5	21	26	18	56	13	רמת נגב
Sedot Negev	..	11	65	9	76	23	שדות נגב
Sha'ar HaNegev	..	..	6	4	4	..	שער הנגב
Shafir	15	..	30	6	41	21	שפיר
Tamar	-	3	4	-	31	6	תמר
Outside of regional councils	5	23	33	29	34	9	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(3)</b>	<b>16</b>	<b>45</b>	<b>116</b>	<b>49</b>	<b>213</b>	<b>31</b>	<b>אזור יהודה והשומרון(3)</b>

(1) Some farms have more than one ancillary activity.

(1) בחלק מהמשקים קיימת יותר מפעילות נלווית אחת.

(2) Data on farms in the Druze localities of the Golan Heights are presented at the locality level.

(2) נתוני המשקים ביישובים הדרוזיים ברמת הגולן מוצגים ברמת היישוב.

(3) Israeli localities.

(3) יישובים ישראליים.

**TABLE 32. ANCILLARY NON-AGRICULTURAL ACTIVITY(1)  
ON AGRICULTURAL FARMS, BY DISTRICT, SECTOR,  
AND TYPE OF FARM**

**לוח 32. פעילות לא-חקלאית נלווית(1)  
במשקים חקלאיים, לפי מחוז, מגזר וסוג משק**

District, sector, and type of farm	2017							מחוז, מגזר וסוג משק
	פעילויות אחרות Other activities	משתלות Plant nurseries	גינות Gardening	תעשייה Manufacturing	אנרגיה מתחדשת Renewable energy	מסחר ושירותים Trade and services	תיירות כפרית Rural tourism	
<b>Grand Total</b>	<b>396</b>	<b>387</b>	<b>160</b>	<b>562</b>	<b>2,254</b>	<b>398</b>	<b>927</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>149</b>	<b>112</b>	<b>62</b>	<b>290</b>	<b>936</b>	<b>203</b>	<b>678</b>	<b>מחוזות חיפה והצפון</b>
Moshavim	106	57	37	139	735	108	566	מושבים
Kibbutzim(2)	..	11	6	103	119	67	55	קיבוצים(2)
Jewish – other	31	25	6	22	43	15	44	יהודיים אחרים
Arab(3)	..	19	13	26	39	13	13	ערביים(3)
<b>Tel Aviv and Central Districts</b>	<b>123</b>	<b>173</b>	<b>47</b>	<b>93</b>	<b>418</b>	<b>98</b>	<b>44</b>	<b>מחוזות תל אביב והמרכז</b>
Moshavim	93	116	30	56	353	69	33	מושבים
Kibbutzim(2)	..	4	3	20	21	12	5	קיבוצים(2)
Jewish – other	26	46	11	14	41	..	6	יהודיים אחרים
Arab	..	7	3	3	3	..	-	ערביים
<b>Jerusalem and Southern Districts</b>	<b>111</b>	<b>90</b>	<b>47</b>	<b>153</b>	<b>800</b>	<b>79</b>	<b>186</b>	<b>מחוזות ירושלים והדרום</b>
Moshavim	89	67	29	86	688	48	133	מושבים
Kibbutzim(2)	5	3	7	48	62	16	25	קיבוצים(2)
Jewish – other	14	14	7	14	26	..	..	יהודיים אחרים
Arab	3	6	4	5	24	..	..	ערביים
<b>Judea and Samaria Area(4)</b>	<b>13</b>	<b>12</b>	<b>4</b>	<b>26</b>	<b>100</b>	<b>18</b>	<b>19</b>	<b>אזור יהודה והשומרון(4)</b>
Moshavim	..	5	..	12	75	5	..	מושבים
Kibbutzim(2)	..	..	-	5	10	6	..	קיבוצים(2)
Jewish – other	8	..	..	9	15	7	11	יהודיים אחרים

(1) Some farms have more than one ancillary activity.

(2) Also including collective moshavim.

(3) Data on farms in the Druze localities of the Golan Heights are presented at the locality level.

(4) Israeli localities.

(1) בחלק מהמשקים קיימת יותר מפעילות נלווית אחת.

(2) כולל גם מושבים שיתופיים.

(3) נתוני המשקים ביישובים הדרוזיים ברמת הגולן מוצגים ברמת היישוב.

(4) יישובים ישראליים.

**TABLE 33. ANCILLARY NON-AGRICULTURAL ACTIVITY(1) ON AGRICULTURAL FARMS, BY DISTRICT AND REGIONAL COUNCIL** **לוח 33. פעילות לא-חקלאית נלווית (1) במשקים חקלאיים, לפי מחוז ומועצה אזורית**

District and regional council	2017							מחוז ומועצה אזורית
	פעילויות אחרות Other activities	משתלות Plant nurseries	גינות Gardening	תעשייה Manufacturing	אנרגיה מתחדשת Renewable energy	מסחר ושירותים Trade and services	תיירות כפרית Rural tourism	
<b>Grand Total</b>	<b>396</b>	<b>387</b>	<b>160</b>	<b>562</b>	<b>2,254</b>	<b>398</b>	<b>927</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>149</b>	<b>112</b>	<b>62</b>	<b>290</b>	<b>936</b>	<b>203</b>	<b>678</b>	<b>מחוזות חיפה והצפון</b>
Allona	..	-	-	..	5	-	..	אלונה
Bustan El-Marj	-	-	-	-	-	-	-	בוסתן אל-מרג'
Golan	12	12	8	39	151	15	95	גולן
HaGilbo'a	9	..	..	27	111	12	11	הגלבע
HaGalil HaElyon	..	3	-	17	22	10	14	הגליל העליון
HaGalil HaTahton	12	4	..	9	63	8	24	הגליל התחתון
Zevulun	3	4	-	7	27	5	-	זבולון
Hof HaKarmel	7	9	5	10	42	16	23	חוף הכרמל
Mevo'ot HaHermon	9	3	3	9	47	12	105	מבואות החרמון
Megiddo	3	..	..	7	31	5	3	מגידו
Matte Asher	..	4	3	19	64	23	52	מטה אשר
Menashe	4	13	6	9	23	7	..	מנשה
Ma'ale Yosef	17	..	6	19	52	15	133	מעלה יוסף
Merom HaGalil	17	7	6	22	45	13	129	מרום הגליל
Misgav	-	..	-	..	7	3	3	משגב
Emeq HaYarden	..	3	-	12	27	9	18	עמק הירדן
Emeq HaMa'ayanot	-	3	3	11	32	4	11	עמק המעיינות
Emeq Yizre'el	20	13	5	32	132	24	21	עמק יזרעאל
Outside of regional councils(2)	29	28	14	36	55	22	34	מחוץ למועצות אזוריות(2)
<b>Tel Aviv and Central Districts</b>	<b>123</b>	<b>173</b>	<b>47</b>	<b>93</b>	<b>418</b>	<b>98</b>	<b>44</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	..	3	..	..	23	..	-	ברנר
Gederot	5	7	..	3	21	..	-	גדרות
Gezer	7	9	..	8	34	6	5	גזר
Gan Rawe	10	15	4	3	14	..	..	גן רווה
Derom HaSharon	19	18	..	19	37	19	4	דרום השרון
Hevel Yavne	-	-	..	4	6	-	..	חבל יבנה
Hevel Modi'in	5	7	..	8	44	12	3	חבל מודיעין
Hof HaSharon	11	9	5	4	10	15	5	חוף השרון
Lev HaSharon	14	28	6	13	72	15	7	לב השרון
Nahal Soreq	..	4	3	4	7	..	4	נחל שורק
Emeq Hefer	23	28	8	12	116	9	9	עמק חפר
Emeq Lod	4	3	-	..	6	..	-	עמק לוד
Outside of regional councils	23	42	11	11	28	14	4	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>111</b>	<b>90</b>	<b>47</b>	<b>153</b>	<b>800</b>	<b>79</b>	<b>186</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	8	13	4	18	76	4	11	אשכול
Be'er Toviyya	26	10	6	17	170	10	6	באר טוביה
Bene Shim'on	5	3	3	10	19	3	3	בני שמעון
HaArava HaTikhona	11	..	..	19	194	12	59	הערבה התיכונה
Hevel Elot	..	..	-	4	10	..	7	חבל אילות
Hof Ashqelon	6	10	4	6	27	6	4	חוף אשקלון
Yo'av	..	..	..	4	..	..	..	יואב
Lakhish	6	13	..	6	28	..	..	לכיש
Matte Yehuda	5	6	8	21	67	12	21	מטה יהודה
Merhavim	15	3	3	9	80	8	22	מרחבים
Ramat Negev	3	..	..	9	19	..	19	רמת נגב
Sedot Negev	10	7	..	..	43	3	6	שדות נגב
Sha'ar HaNegev	-	-	..	9	14	3	..	שער הנגב
Shafir	3	3	..	8	10	..	-	שפיר
Tamar	-	-	-	..	..	..	14	תמר
Outside of regional councils	9	15	8	9	36	6	10	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(3)</b>	<b>13</b>	<b>12</b>	<b>4</b>	<b>26</b>	<b>100</b>	<b>18</b>	<b>19</b>	<b>אזור יהודה והשומרון(3)</b>

(1) Some farms have more than one ancillary activity.

(2) Data on farms in the Druze localities of the Golan Heights are presented at the locality level.

(3) Israeli localities.

(1) בחלק מהמשקים קיימת יותר מפעילות נלווית אחת.

(2) נתוני המשקים ביישובים הדרוזיים ברמת הגולן מוצגים ברמת היישוב.

(3) יישובים ישראליים.

**TABLE 34. ISRAELI, FOREIGN,(1) AND PALESTINIAN WORKERS IN AGRICULTURE, BY DISTRICT, SECTOR, AND TYPE OF FARM(2)**

**לוח 34. עובדים ישראלים, זרים(1) ופלסטינים בחקלאות, לפי מחוז, מגזר וסוג משק(2)**

District, sector, and type of farm	2017									מחוז, מגזר וסוג משק
	עובדים פלסטינים עונתיים Seasonal Palestinian workers	עובדים פלסטינים קבועים Permanent Palestinian workers	עובדים פלסטינים – סך הכל Total Palestinian workers	עובדים זרים עונתיים Seasonal foreign workers	עובדים זרים קבועים Permanent foreign workers	עובדים זרים – סך הכל Total foreign workers	עובדים ישראלים עונתיים Seasonal Israeli workers	עובדים ישראלים קבועים Permanent Israeli workers	עובדים ישראלים – סך הכל Total Israeli workers	
<b>Total</b>	<b>16,729</b>	<b>5,510</b>	<b>22,239</b>	<b>5,685</b>	<b>25,913</b>	<b>31,598</b>	<b>18,989</b>	<b>19,649</b>	<b>38,638</b>	<b>סך הכל</b>
<b>Haifa and Northern Districts</b>	<b>4,643</b>	<b>1,128</b>	<b>5,771</b>	<b>1,294</b>	<b>6,050</b>	<b>7,344</b>	<b>10,894</b>	<b>9,250</b>	<b>20,144</b>	<b>מחוזות חיפה והצפון</b>
Moshavim	2,120	220	<b>2,340</b>	844	3,472	<b>4,316</b>	7,198	2,623	<b>9,821</b>	מושבים
Kibbutzim(3)	17	34	<b>51</b>	59	1,145	<b>1,204</b>	1,104	1,871	<b>2,975</b>	קיבוצים(3)
Jewish – other	1,430	72	<b>1,502</b>	288	1,131	<b>1,419</b>	1,716	2,417	<b>4,133</b>	יהודיים אחרים
Arab	1,076	802	<b>1,878</b>	103	302	<b>405</b>	876	2,339	<b>3,215</b>	ערביים
<b>Tel Aviv and Central Districts</b>	<b>3,909</b>	<b>1,870</b>	<b>5,779</b>	<b>1,782</b>	<b>6,077</b>	<b>7,859</b>	<b>2,432</b>	<b>4,102</b>	<b>6,534</b>	<b>מחוזות תל אביב והמרכז</b>
Moshavim	1,428	813	<b>2,241</b>	1,066	4,123	<b>5,189</b>	1,729	2,332	<b>4,061</b>	מושבים
Kibbutzim(3)	267	23	<b>290</b>	37	295	<b>332</b>	30	227	<b>257</b>	קיבוצים(3)
Jewish – other	1,731	416	<b>2,147</b>	662	1,465	<b>2,127</b>	620	1,436	<b>2,056</b>	יהודיים אחרים
Arab	483	618	<b>1,101</b>	17	194	<b>211</b>	53	107	<b>160</b>	ערביים
<b>Jerusalem and Southern Districts</b>	<b>3,232</b>	<b>872</b>	<b>4,104</b>	<b>2,520</b>	<b>13,131</b>	<b>15,651</b>	<b>4,400</b>	<b>5,682</b>	<b>10,082</b>	<b>מחוזות ירושלים והדרום</b>
Moshavim	2,472	735	<b>3,207</b>	2,368	11,979	<b>14,347</b>	3,484	3,438	<b>6,922</b>	מושבים
Kibbutzim(3)	492	31	<b>523</b>	49	587	<b>636</b>	402	907	<b>1,309</b>	קיבוצים(3)
Jewish – other	254	86	<b>340</b>	..	..	<b>657</b>	486	1,263	<b>1,749</b>	יהודיים אחרים
Arab	14	20	<b>34</b>	..	..	<b>11</b>	28	74	<b>102</b>	ערביים
<b>Judea and Samaria Area(4)</b>	<b>4,945</b>	<b>1,640</b>	<b>6,585</b>	<b>89</b>	<b>655</b>	<b>744</b>	<b>1,263</b>	<b>615</b>	<b>1,878</b>	<b>אזור יהודה והשומרון(4)</b>
Moshavim	4,522	1,440	<b>5,962</b>	46	417	<b>463</b>	..	..	<b>219</b>	מושבים
Kibbutzim(3)	320	96	<b>416</b>	-	130	<b>130</b>	..	..	<b>152</b>	קיבוצים(3)
Jewish – other	103	104	<b>207</b>	43	108	<b>151</b>	1,202	305	<b>1,507</b>	יהודיים אחרים

(1) Workers from abroad.

(2) Including duplications – workers employed on more than one farm.

(3) Also including collective moshavim.

(4) Israeli localities.

(1) עובדים מחו"ל.

(2) כולל כפילויות – עובדים המועסקים ביותר ממשק חקלאי אחד.

(3) כולל גם מושבים שיתופיים.

(4) יישובים ישראלים.

**TABLE 35. ISRAELI, FOREIGN,(1) AND PALESTINIAN WORKERS IN AGRICULTURE, BY DISTRICT AND REGIONAL COUNCIL(2)**

**לוח 35. עובדים ישראלים, זרים(1) ופלסטינים בחקלאות, לפי מחוז ומועצה אזורית(2)**

District and regional council	2017									מחוז ומועצה אזורית
	עובדים פלסטינים עונתיים Seasonal Palestinian workers	עובדים פלסטינים קבועים Permanent Palestinian workers	עובדים פלסטינים – סך הכל Total Palestinian workers	עובדים זרים עונתיים Seasonal foreign workers	עובדים זרים קבועים Permanent foreign workers	עובדים זרים – סך הכל Total foreign workers	עובדים ישראלים עונתיים Seasonal Israeli workers	עובדים ישראלים קבועים Permanent Israeli workers	עובדים ישראלים – סך הכל Total Israeli workers	
<b>Grand total</b>	<b>16,729</b>	<b>5,510</b>	<b>22,239</b>	<b>5,685</b>	<b>25,913</b>	<b>31,598</b>	<b>18,989</b>	<b>19,649</b>	<b>38,638</b>	<b>סך כולל</b>
<b>Haifa and Northern Districts</b>	<b>4,643</b>	<b>1,128</b>	<b>5,771</b>	<b>1,294</b>	<b>6,050</b>	<b>7,344</b>	<b>10,894</b>	<b>9,250</b>	<b>20,144</b>	<b>מחוזות חיפה והצפון</b>
Allona	..	..	..	10	115	125	199	52	251	אלונה
Bustan El-Marj	..	..	..	..	..	..	..	..	..	בוסתן אל-מרג'
Golan	..	..	296	238	564	802	1,977	576	2,553	גולן
HaGilbo'a	538	75	613	54	435	489	285	305	590	הגלבע
HaGalil HaElyon	-	-	-	..	..	190	440	206	646	הגליל העליון
HaGalil HaTahton	..	..	..	33	154	187	433	437	870	הגליל התחתון
Zevulun	..	..	..	17	94	111	331	202	533	זבולון
Hof HaKarmel	20	33	53	104	575	679	655	1,049	1,704	חוף הכרמל
Mevo'ot HaHermon	..	..	59	103	266	369	1,152	197	1,349	מבואות החרמון
Megiddo	..	..	11	..	..	81	31	150	181	מגידו
Matte Asher	..	..	11	7	301	308	146	364	510	מטה אשר
Menashe	96	65	161	28	445	473	175	405	580	מנשה
Ma'ale Yosef	..	..	..	63	204	267	254	206	460	מעלה יוסף
Merom HaGalil	..	..	93	58	241	299	963	213	1,176	מרום הגליל
Misgav	-	-	-	..	..	..	..	..	..	משגב
Emeq HaYarden	70	45	115	64	216	280	181	205	386	עמק הירדן
Emeq HaMa'ayanot	156	30	186	47	613	660	303	392	695	עמק המעינות
Emeq Yizre'el	..	..	440	74	403	477	1,178	619	1,797	עמק יזרעאל
Outside of regional councils	2,277	804	3,081	351	1,178	1,529	2,076	3,548	5,624	מחוץ למועצות אזוריות
<b>Tel Aviv and Central Districts</b>	<b>3,909</b>	<b>1,870</b>	<b>5,779</b>	<b>1,782</b>	<b>6,077</b>	<b>7,859</b>	<b>2,432</b>	<b>4,102</b>	<b>6,534</b>	<b>מחוזות תל אביב והמרכז</b>
Brenner	153	4	157	141	136	277	33	73	106	ברנר
Gederot	311	16	327	65	159	224	60	184	244	גדרות
Gezer	150	92	242	188	748	936	166	275	441	גזר
Gan Rawe	27	9	36	22	171	193	45	228	273	גן רווה
Derom HaSharon	513	105	618	127	447	574	276	197	473	דרום השרון
Hevel Yavne	..	..	..	..	..	38	74	65	139	חבל יבנה
Hevel Modi'in	784	72	856	316	421	737	218	143	361	חבל מודיעין
Hof HaSharon	253	13	266	54	158	212	107	135	242	חוף השרון
Lev HaSharon	191	249	440	183	933	1,116	137	195	332	לב השרון
Nahal Soreq	..	..	..	20	120	140	18	32	50	נחל שורק
Emeq Hefer	495	284	779	256	1,511	1,767	704	750	1,454	עמק חפר
Emeq Lod	..	..	57	..	..	107	114	464	578	עמק לוד
Outside of regional councils	1,000	996	1,996	358	1,180	1,538	480	1,361	1,841	מחוץ למועצות אזוריות
<b>Jerusalem and Southern Districts</b>	<b>3,232</b>	<b>872</b>	<b>4,104</b>	<b>2,520</b>	<b>13,131</b>	<b>15,651</b>	<b>4,400</b>	<b>5,682</b>	<b>10,082</b>	<b>מחוזות ירושלים והדרום</b>
Eshkol	227	7	234	304	2,908	3,212	804	1,448	2,252	אשכול
Be'er Toviyya	467	225	692	391	1,310	1,701	368	366	734	באר טוביה
Bene Shim'on	..	..	..	25	225	250	283	393	676	בני שמעון
HaArava HaTikhona	..	..	..	751	2,757	3,508	352	260	612	הערבה התיכונה
Hevel Elot	-	-	-	..	..	165	141	70	211	חבל אילות
Hof Ashqelon	50	46	96	112	555	667	264	273	537	חוף אשקלון
Yo'av	131	20	151	10	134	144	31	122	153	יואב
Lakhish	92	218	310	95	1,113	1,208	351	470	821	לכיש
Matte Yehuda	393	100	493	97	323	420	155	378	533	מטה יהודה
Merhavim	1,121	35	1,156	189	823	1,012	954	337	1,291	מרחבים
Ramat Negev	..	..	131	93	630	723	120	185	305	רמת נגב
Sedot Negev	76	49	125	234	1,105	1,339	66	312	378	שדות נגב
Sha'ar HaNegev	..	..	109	..	..	115	40	116	156	שער הנגב
Shafir	255	71	326	44	275	319	232	205	437	שפיר
Tamar	..	..	..	117	483	600	71	65	136	תמר
Outside of regional councils	111	29	140	53	215	268	168	682	850	מחוץ למועצות אזוריות
<b>Judea and Samaria Area(3)</b>	<b>4,945</b>	<b>1,640</b>	<b>6,585</b>	<b>89</b>	<b>655</b>	<b>744</b>	<b>1,263</b>	<b>615</b>	<b>1,878</b>	<b>אזור יהודה והשומרון(3)</b>

(1) Workers from abroad.

(1) עובדים מחו"ל.

(2) Including duplications – workers employed on more than one farm.

(2) כולל כפילויות – עובדים המועסקים ביותר ממשק חקלאי אחד.

(3) Israeli localities.

(3) יישובים ישראלים.

TABLE 36. PRICE GAP IN VEGATABLES AND FRUIT(1)

לוח 36. פער התיווך במחירי הירקות והפירות(1)

Crop group	2017			קבוצת גידולים
	פער קמעוני(4) Retail gap(4)	פער סיטוני(3) Wholesale gap(3)	פער כולל(2) Total gap(2)	
<b>Total</b>	<b>36</b>	<b>84</b>	<b>154</b>	<b>סך הכל</b>
Vegetables, potatoes, and melons	36	50	109	ירקות, תפוחי אדמה ומקשה
Citrus	25	214	295	פרי הדר
Plantations, excl. citrus	41	97	182	מטעים, ללא פרי הדר

(1) Based on a sample from the Census. See Introduction, Chapter D: "Methodology".

(1) מבוסס על מדגם מתוך המפקד. ראו מבוא, פרק ד: "שיטות (מתודולוגיה)".

(2) The gap between the farmer's selling price and the price to the consumer.

(2) הפער שבין מחיר המכירה של החקלאי לבין המחיר לצרכן.

(3) The gap between the farmer's selling price and the wholesale market price.

(3) הפער שבין מחיר המכירה של החקלאי לבין מחיר השוק הסיטוני.

(4) The gap between the wholesale market price and the average price to the consumer.

(4) הפער שבין מחיר השוק הסיטוני לבין המחיר הממוצע לצרכן.