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Statistics on Organic Agricultural Holdings in 2017

Authorisation and Production



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1. Introduction

Agricultural holdings in Denmark may only be officially authorised as organic producers by the Danish Agricultural Agency¹. Only authorised organic producers can name and sell their products as organic products. All organic producers are inspected at least once a year by the Danish Agricultural Agency, which checks to ensure that the organic producer in question complies with the rules for organic production.

Farms can apply for organic farming production authorisation at any time of the year, and authorised organic producers can likewise cease to be organic producers at any time of the year. Therefore, the total number of organic farms and organic area is dynamic.

All organic farms must report their production to the Danish Agricultural Agency once a year via “Fællesskema”, the online register that all farmers use in Denmark. This is done as part of the organic inspection and it is a precondition for the retention of authorisation.

This publication is based on the registered figures for organic farms and their production in the online register in 2017, and it is a snapshot of organic farming as of 31 May 2017. Only data from organic producers who were authorised as of 31 May 2017 is included in the statistics. Data from those organic producers who applied for authorisation after this date will thus be included in the statistics for 2018.

The aim of this publication is to provide information about the extent and development of organic farming production in Denmark, and describe, among other things, the total number of authorisations, the farms' acreage use, scale, geographical location and livestock production as of 31 May 2017 and the development of this data over a number of years.

¹ Authorisation is given in accordance with “Økologiloven” (the Danish act on organic farming) (executive order no. 21 of 4 January 2017, Sections 7-10) and in accordance with the provisions in the executive order no. 1638 of 15 December 2017 on organic farming production, cf. Council Regulation (EC) No 834/2007 of 28 June 2007 on organic production and labelling of organic products and repealing Regulation (EEC) no. 2092/91 (with later revisions).

2. Data basis for the statistics

In general, this report is based on the 2017 data that the Danish Agricultural Agency has access to via “Fællesskema”, the online register. The online register contains detailed information about the use of acreage, livestock production, etc., which the farmers have registered. In addition, registrations from the processing of organic producer applications, change in producer and cessations as an organic farmer or producer are used in the figures. The deadline for submissions in the online register is the end of April every year.

Procedure for the figures: “Fællesskema” data is included from farms that applied for authorisation to operate organic farming production as of 31 May of the year in question. This cut-off date has been used in the statistics since 2013. The figures and tables shown in these statistics solely cover the organic farms that had registered their information in the “Fællesskema” register in 2017, and which had applied for authorisation as of 31 May 2017, unless otherwise stated.

Please note that as of 31 May 2017, there were 57 organic farms that had not registered their production information in the “Fællesskema” register in 2017. This means that it is not possible to include the data from these farms in the statistics. Of the 57 farms, 30 of them can be found in the data that was registered in 2016. These 30 farms accounted for a total organic area of 1,455 ha in 2016. In comparison, there were 58 organic farms that had not registered their production data in the “Fællesskema” register in 2016.

The organic production area is defined as the total area of the registered fields with a stated conversion date. The information used concerns the individual field size, the crop that is cultivated and the conversion date the individual fields have in the registered field plan in the “Fællesskema” in 2017. Based on the conversion date and the crop’s conversion time, a subsequent calculation is made of all of the fields’ organic status as of 31 May 2017. The organic production area figures are therefore included as either:

- Fully converted (converted and conversion time has expired)
- Under conversion (converted but the conversion time has not yet expired)
- The conversion has not yet started (the conversion date is after 31 May 2017)

Based on the information registered on livestock production in the “Fællesskema” register in 2017, the total organic livestock production is calculated for farms that had applied for organic farming authorisation as of 31 May 2017. Organic livestock production is defined as registered animals with a herd conversion date of 31 May 2017 at the latest.

The geographical location of the organic areas is defined on the basis of the reported fields’ field block location. The field’s location is assigned with the municipality in which the largest share of the area of the field block’s geographical position lies. This method was used from and including the 2016 statistics, and it differs from previous year’s statistics where the farms’ registered addresses formed the basis for the geographical location of area and livestock production. This change was carried out to provide a more accurate picture of where production actually took place.

The registered livestock production and the use of the area forms the basis for classification in six production activities. This is described in more detail in the section [Distribution and development of organic farms’ areas by production activity and region](#).

With the preparation of the 2017 statistics, only analyses based on data in 2017 have been carried out. The tables and figures that show statistics for previous years use data from the previous year’s reports and have simply been repeated in the 2017 report.

The report tables use “ ” to indicate missing data and “0” is used to state that a value has been rounded down to 0.

3. Size and development in organic production area and total number of farms

The organic production area increased by 28,365 ha in the period 31 May 2016 to 31 May 2017. This corresponds to a 13 per cent expansion of the organic production area and the registered organic production area in 2017 was thus 245,159 ha compared to 216,794 ha in 2016. As of 31 May 2017, the organic area accounted for 9.2 per cent of the total registered production area in Denmark.

In 2017, the organic production area was distributed across 170,343 ha of fully converted organic area, which is an increase of 8,371 ha compared to 2016. In addition, 67,460 ha were under conversion, and 7,356 ha were planned for conversion but had not as yet converted.

The development in the organic production area and the fully converted organic area is shown in Figure 1. Table A.1 in the appendix shows the organic production area and distribution of the area's conversion status during the period 1989–2017.

Since 2007, the area has increased from 150,207 ha to 245,159 ha in 2017, which is an increase of 94,952 ha or 63 per cent over a 10-year period.

FIGURE 1. The development of organic farms' registered production area and the fully converted organic area for the period 1989–2017.

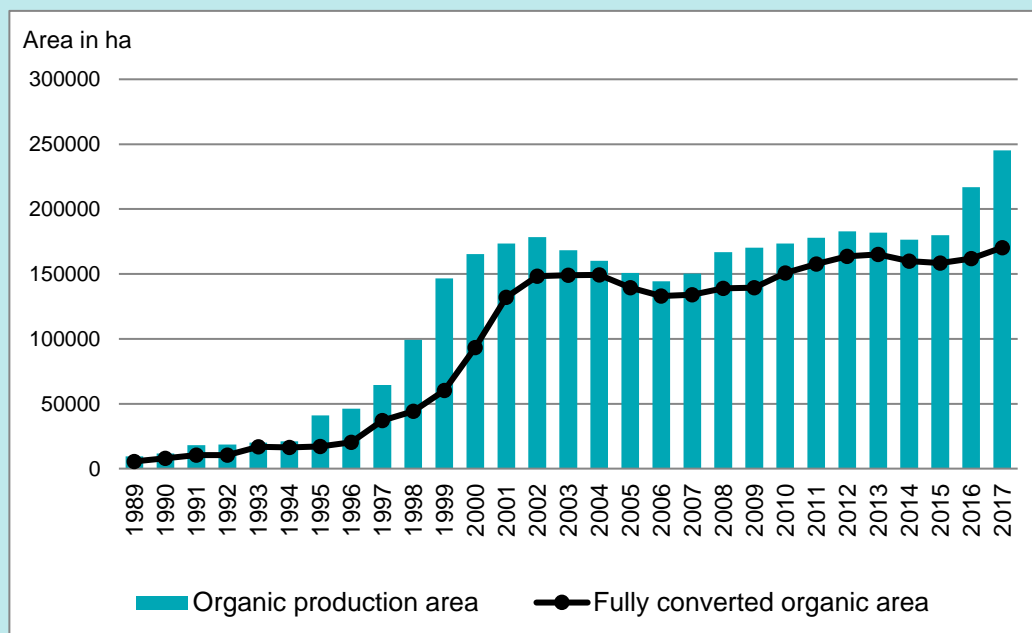


Figure 2 shows the distribution of organic production area across the five regions. Most of the area in 2017 is found in Central Denmark Region and Region of Southern Denmark, which was 156,503 ha in total. The other three regions had 87,000 ha in total. Table A.3.2 in the appendix shows the historical development in the distribution of area between the five regions.

Figure 3 shows the regional development in organic production area from 2016 to 2017. It shows that the area has increased in all five regions, and in particular in Central Denmark Region, Region of Southern Denmark and North Denmark Region. Tables A.3.1 to A.3.3 in the appendix show the historical development in the number of farms, area and farm size in the regions.

FIGURE 2. Organic farms' registered production area by region in 2017.

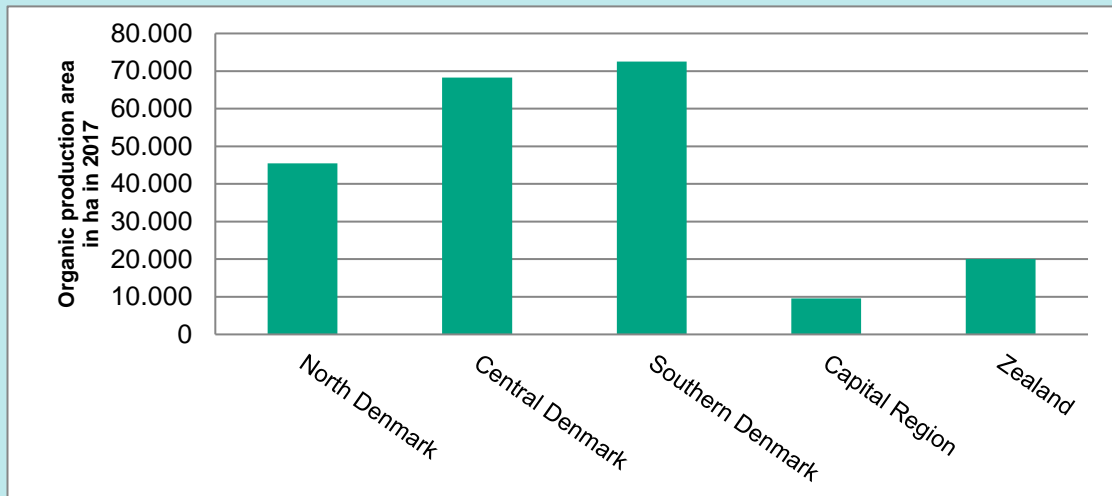


FIGURE 3. Development in organic farms' registered production area by region from 2016 to 2017.

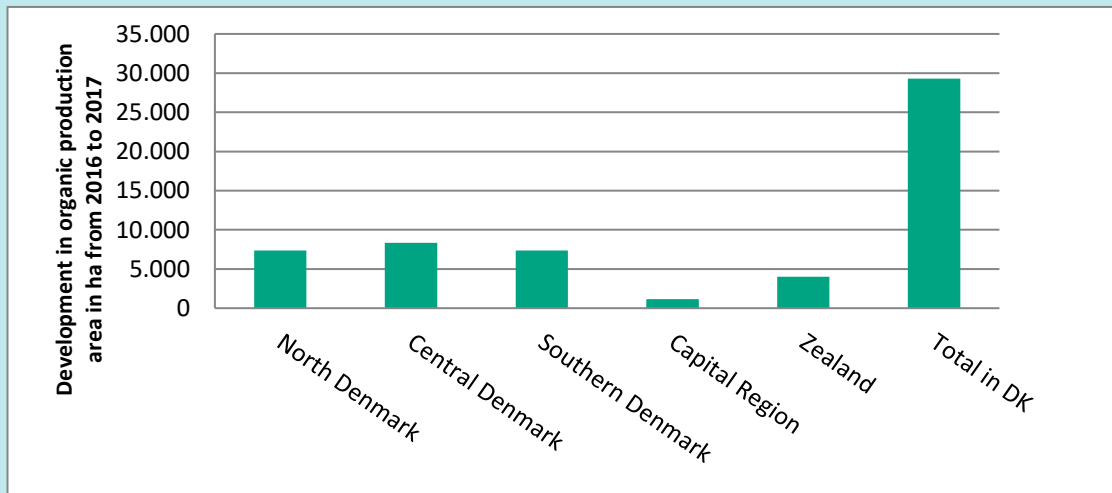
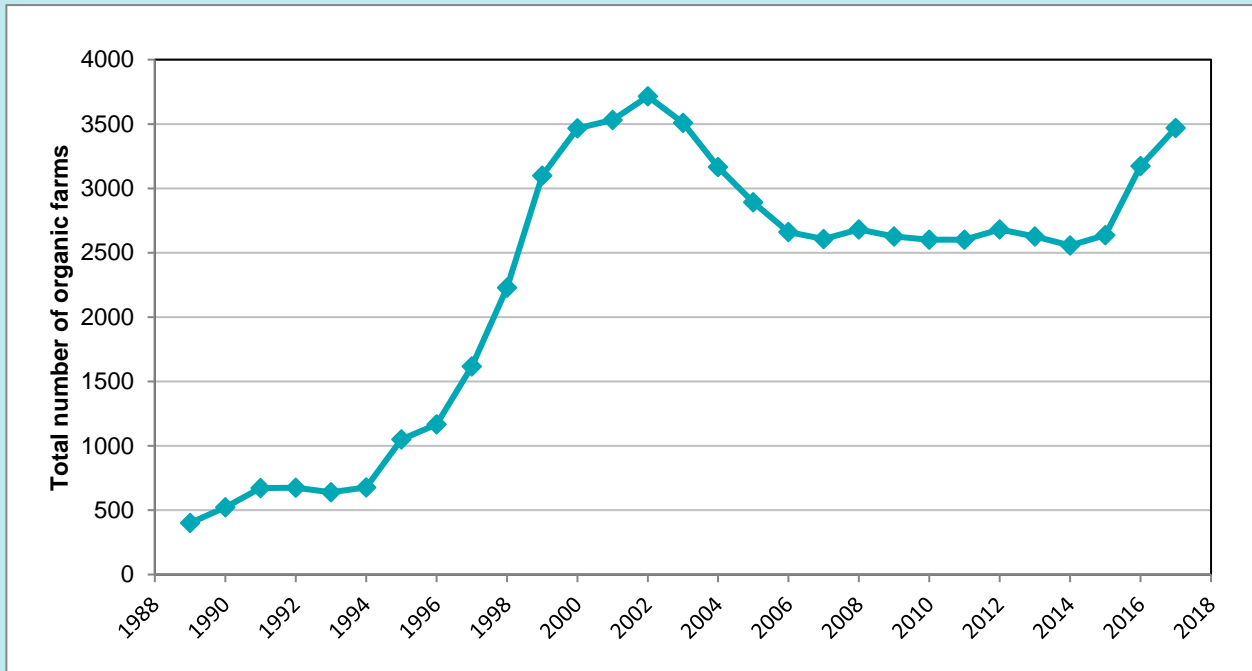


Figure 4 shows that the total number of organic farms has been more or less remained stable during the period 2007–2015. As of 31 May 2017, the figures show that there were 3,469 farms² that were authorised or had applied for authorisation for organic farming production. This is 296 more organic farms compared to 31 May 2016, a 9 per cent increase in the total number of farms.

Table A.1 in the appendix shows the development in the total number of farms during the period 1989–2017.

² The 3,469 farms include 57 farms that did not register their production in 2017.

FIGURE 4. Development in the total number of organic farms during the period 1989–2017.



4. Characteristics of organic farms

There were 98 organic producers who had not registered their organic areas in 2017, of these, 41 were landless organic producers and 57 organic producers without registered production. The average organic production area of organic producers with registered areas was 72.7 ha per farm in 2017, and this has increased by 15 ha since 2007 (Table 1). The farms' average production area was 5 ha greater than for farming in general.

The distribution in size of the production area at the organic farms is generally very comparable with the distribution in farming in general (Table 2). A large share of the organic farms have less than 10 ha (32 %) and together account for over 5,624 ha, equivalent to 2.3 per cent of the organic area. At the other end of the scale, 37.6 per cent of the organic area lies with 5.4 per cent of the organic farms that have more than 300 ha registered.

TABLE 1. Organic agricultural holdings and areas compared to the total number of Danish agricultural holdings in 2017 and 2007 (given in brackets).

	Organic agriculture		Total agriculture ^a
	In total	% of total agriculture	
Total number of farms	3,469 ^b (2,607)	8.8 (5.9)	39,404 (43,897)
Total production area, ha	245,159 (150,207)	9.2 (5.6)	2,668,649 (2,662,761)
Fully converted organic area, ha	170,343 (133,946)	6.4 (5.0)	.
Average production area per farm, ha	72.7 ^c (57.6)	.	67.7 (60.6)

^a Agricultural holdings that had registered in the "Fællesskema" register in 2017.

^b The total number of organic farms at the time of counting, was 3,469, but of these, 98 did not have any organic area in 2017.

^c The average production area per farm is calculated on the basis of the 3,371 organic farms that had registered production in 2017.

TABEL 2. Organic farms and farms in general, distributed according to production area size in 2017. The organic area includes in areas that are either fully converted, under conversion or planned to be converted.

	Production area size								In total
	<5 ha	5–9.9 ha	10–19.9 ha	20–29.9 ha	30–49.9 ha	50–99.9 ha	100–299.9 ha	> 300 ha	
Registered organic area (ha)	1,525	4,099	8,333	7,362	13,139	25,676	94,419	90,606	245,159
Share of the organic area (%)	0.6	1.7	3.4	3.0	5.4	10.5	38.5	37.5	100.0
Total number of organic farms	527	559	584	298	337	348	537	181	3,371 ^a
Share of organic farms (%)	15.6	16.6	17.3	8.8	10.0	10.3	15.9	5.4	100
Total area (ha)	22,425	53,105	88,091	82,941	148,198	329,692	999,276	944,922	2,668,649
Share of total area (%)	0.8	2.0	3.3	3.1	5.6	12.4	37.4	35.4	100.0
Total number of farms	6,641	7,298	6,120	3,365	3,800	4,568	5,762	1,850	39,404
Share of farms (%)	16.9	18.5	15.5	8.5	9.6	11.6	14.6	4.7	100.0

^a There are a total of 3,469 authorised farms, but of these, 98 farms had not registered any organic area in 2017.

In 2017, a total of 1,471 organic producers had registered one or several herds of organic livestock. 42 per cent of the farms had organic livestock production in 2017. Table 3 shows the total number of farms that produced the most ordinary types of livestock, with the average total number of animals per farm also shown.

TABLE 3. Farms with livestock production in 2017.

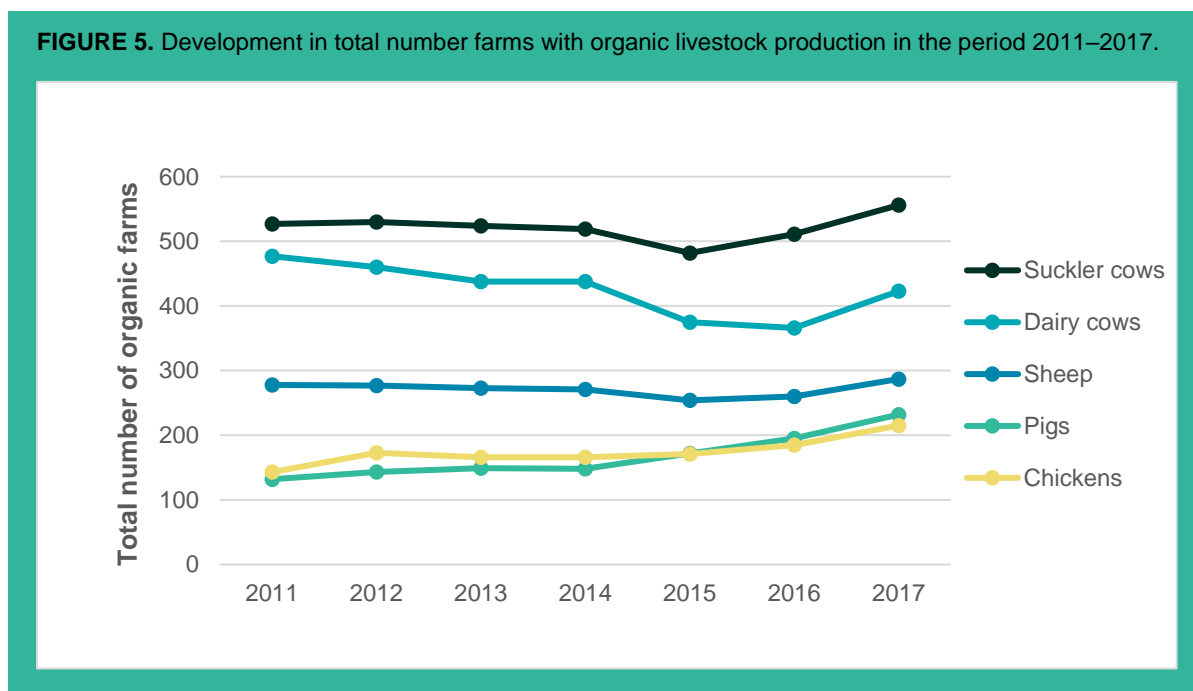
Livestock group ^a	Total number ^b	% of the organic farms	Av. number animals per farm ^c
Suckler cows	556	14.7	15
Dairy cows	423	10.6	194
Sheep	287	7.5	42
Pigs	232	5.6	1,923
Chickens	215	5.3	5,595

^a Dairy cows (livestock code 1201 and 1231), suckler cows (livestock code 1241, 1242 and 1243), pig (livestock code 1501, 1511, 1512, 9915), sheep (livestock code 1300 and 9913), chickens (livestock code 3102 and 9931).

^b Farms included have registered at least one animal for the year or a produced animal per year within the groups.

^c Total number of animals as either animals for the year or quantity produced per year, cf. Table 4.

Figure 5 shows the development in the total number of organic farms with regular forms of livestock production since 2011. The definition of livestock groups and total number of farms in Figure 5 corresponds with the definitions in Table 3.



5. Size and development in organic livestock production

The total reported livestock production on the organic farms in 2017 is shown in Table 4. The table shows organic livestock production, defined as registered livestock with a conversion date of 31 May 2017 at the latest.

Since 2016, there has been an expansion in the production of egg-laying hens and broilers. In 2017 there were 21 per cent more registered egg-laying chickens (livestock code 3102 ad 9931) and a doubling in the total number of produced broilers (livestock code 3281 and 9932) compared to 2016.

Organic pig production has also grown since 2016, with 2,450 more sows (livestock code 1501), 59,311 more weaners produced (livestock code 1511) and 30,097 more finishers produced (livestock code 1512).

Organic cattle production also grew in 2017 compared to 2016. In milk production, the total number of registered dairy cows increased by 12,864 (livestock code 1201 and 1231), which corresponds to an increase of 22 per cent. The total number of registered suckler cows (livestock code 1241, 1242 and 1243) also increased by 12 per cent in 2017 compared to 2016.

From 2017, organic livestock is now registered using new livestock codes for the production of hatching eggs (code 3105), rabbits (code 5001 and 5002) and bees (code 6000).

New rules for the rearing of organic rabbits and organic beekeeping entered into force on 1 March 2017. In the first year with the rules for production of organic rabbits, there were 54 dams and sires, and 492 rabbits for fattening and slaughter. The changed rules for organic beekeeping led to an increase in the total number of organic beehives, from 59 in 2016 to 277 in 2017.

TABLE 4. Registered livestock production on organic farms by region in 2017.

Live-stock code	Name	North Denmark Region	Central Denmark Region	Region of Southern Denmark	Capital Region of DK	Region Zealand	In total	Change 2016 to 2017
1,101	Horses (under 300 kg)	8	16	12	4	2	42	23
1,102	Horses (300–500 kg)	45	14	38	6	9	112	35
1,103	Horses (500–700 kg)	.	1	14	4	4	23	12
1,104	Horses (over 700 kg)	.	.	.	.	3	3	-7
9,911	Other horse groups	.	.	2	.	.	2	-1
1,201	Cows without offspring, heavy	16,994	19,253	22,935	690	1,488	61,360	9,721
1,202	Small calves, heavy breed	6,492	5,589	7,153	467	1,164	20,865	2,672
1,203	Heifer/bullock, heavy breed	14,934	16,644	20,697	840	2,500	55,615	8,467
1,204	Bull calves, heavy breed	6,874	8,025	9,390	389	396	25,074	5,703
1,205	Young male bovines, heavy	895	1,140	1,184	219	332	3,770	724
1,206	Breeding bulls, heavy breed	36	65	42	18	20	181	36
1,231	Cows without offspring, Jersey	1,966	3,583	3,521	120	441	9,631	3,143
1,232	Small calves, Jersey	684	794	990	94	148	2,710	619
1,233	Heifer/bullock, Jersey	1,676	2,815	3,055	220	316	8,082	2,130
1,234	Bull calves, Jersey	441	1,420	1,565	12	107	3,545	1,155
1,235	Young male bovines, Jersey	215	307	322	15	29	888	235
1,236	Breeding bulls, Jersey	12	20	19	1	7	59	20
1,241	Suckler cows (under 400 kg)	76	119	261	42	70	568	-51

(Table 4 continued)

Live-stock code	Name	North Denmark Region	Central Denmark Region	Region of Southern Denmark	Capital Region of Denmark	Region Zealand	In total	Change 2016 to 2017
1,242	Suckler cows (400–600 kg)	681	1,591	1,373	356	236	4,237	463
1,243	Suckler cows (over 600 kg)	799	930	893	190	471	3,283	436
9,912	Other cattle groups	.	2	.	.	.	2	0
1,300	Ewes with offspring	2,088	1,431	3,101	1,550	2,561	10,731	1,052
9,913	Other sheep groups	.	7	62	30	31	130	58
1,402	Meat goats with offspring	33	85	41	85	112	356	-43
1,403	Dairy goats with offspring	.	978	222	35	20	1,255	-319
9,914	Other goat groups	.	24	5	.	2	31	14
1,501	Sows + piglets (before weaning)	2,174	4,817	3,068	77	494	10,630	2,450
1,511	Piglets, weaning - 31 kg	36,750	94,353	57,883	683	6,427	196,096	59,311
1,512	Finishers (31–105 kg)	25,967	72,099	60,605	992	8,566	168,229	30,097
9,915	Other pig groups	2	.	5	1	.	8	-13
2,101	Red deer with offspring, animals	20	.	41	.	.	61	-51
2,102	Fallow deer with offspring, animals	59	70	216	.	126	471	5
9,921	Other deer	50	.	.	.	.	50	-100
3,102	Hens, eggs for consumption, hens	225,020	444,336	273,292	4,843	87,265	1,034,756	178,107
3,105	Hatching eggs (hens + roosters)	.	6,000	.	.	.	6,000	6,000
3,111	Pullet bred, eggs for consumption	260,500	267,129	31,740	1,500	102,472	663,341	27,815
3,112	Pullet bred, hatching eggs	.	8,000	.	.	80	8,080	7,980
9,931	Other poultry groups, eggs	.	25	.	200	46	271	64
3,281	Broilers, qty. production	686,400	160,471	946,265	90	3,338	1,796,564	873,648
9,932	Other broiler groups	.	.	71,000	.	.	71,000	60,000
3,301	Turkeys, heavy hens, qty.	.	1,202	4	.	.	1,206	336
3,302	Turkeys, heavy gobblers, qty.	2	150	4	.	.	156	-1
9,933	Other turkey groups	80	.	.	.	152	232	190
3,400	Geese, qty. produced	74	4,469	258	153	2,198	7,152	1,247
9,934	Other geese groups	31	.	6	3	.	40	13
3,500	Ducks, qty. produced	43,205	215,248	3,835	269	4,902	267,459	131,707
9,935	Other duck production	10	.	.	.	15	25	15
4,701	Ostriches, adult animals	.	.	2	.	.	2	0
5,001	Rabbits (dams with offspring, until weaning and sires)	17	.	19	16	2	54	54
5,002	Rabbits for fattening and slaughter (5 weeks to 6 months)	52	.	400	40	.	492	492
6,000	Bees, total number hives	203	5	10	5	54	277	218
9,999	Other animals	5	100	20	.	15	140	42

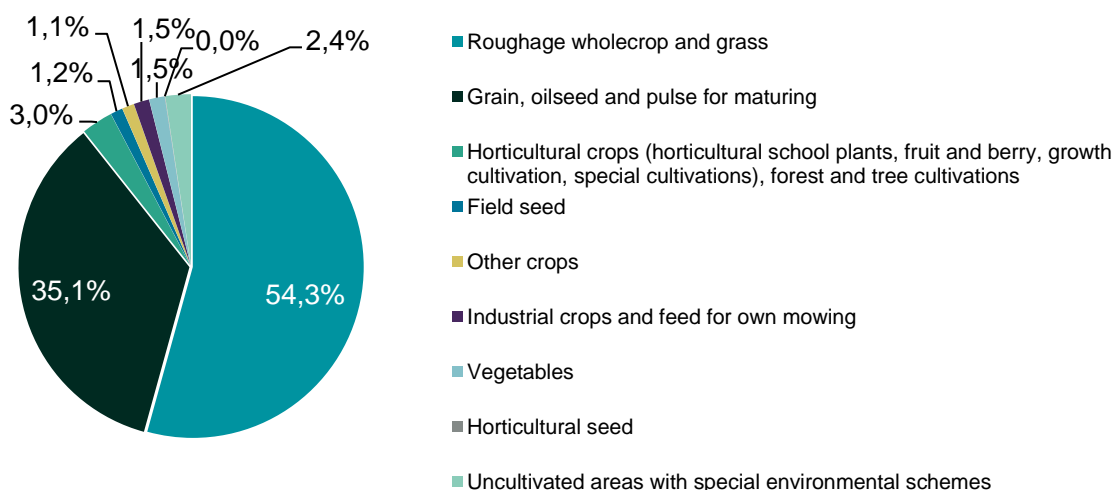
6. Distribution of crops across the production area

The distribution of crops that were cultivated on organic areas was different from the distribution of crops that were cultivated on production areas in farming in general in 2017.

Figure 6 shows that more than half of the organic production area was used for roughage, wholecrop and grass, while 27 per cent of the production area in farming in general had the same use. Figure 6 also shows that 35 per cent of the organic production area was used for the production of grain, oilseed and pulse for maturing while 62 per cent of the production area in farming in general had the same use.

FIGURE 6. Distribution by percentage of crop types on the organic production area and the total production area, respectively, in 2017.

Organic producers' registered production area



Registered production area for farming in general

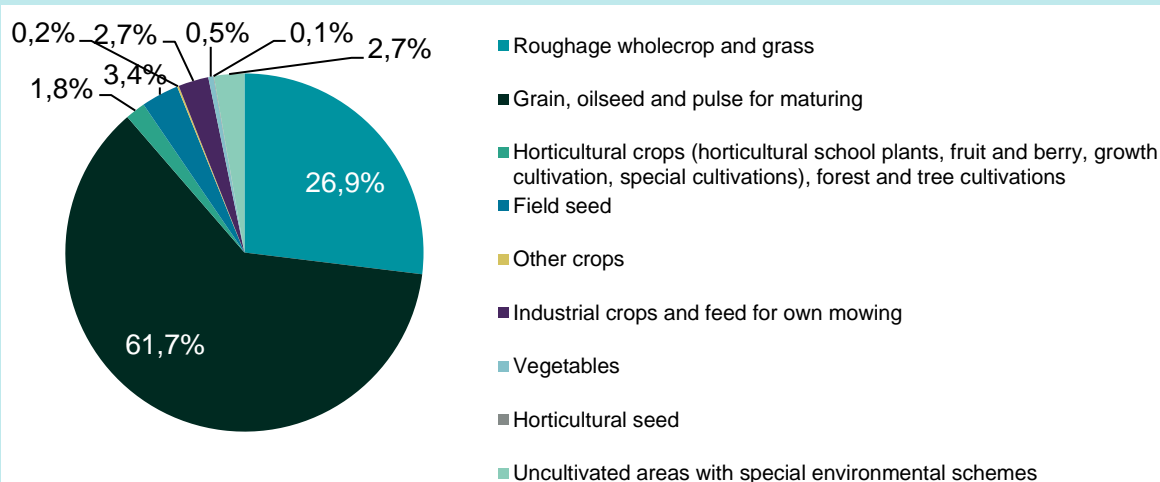


Table 5 to Table 13 shows the distribution of area per crop according to the “Fællesskema” register in 2017, distributed according to the area’s organic status.

The top right column of Tables 5 to Table 13 shows the total percentage share of organic area per crop in relation to the total registered area with the applicable crop in the “Fællesskema” register in 2017.

A total of 1391 ha of production area, including 1,075 ha of organic area, had not registered a crop code in the “Fællesskema” register in 2017 and therefore are not included in Tables 5 to 13.

Table 5 shows the distribution of areas with grain, oilseed and pulse for maturity in 2017. The table shows that organic producers cultivated spring-sown grain rather winter-sown grain, since 16 per cent of the registered organic area was used to grow spring-sown barley, wheat, oat, rye and other spring-sown cereals (crop code 1, 2, 3, 4, 6, 55, 56). In comparison, 9 per cent of the registered organic area was used to grow winter-sown cereals (crop code 10, 11, 13, 14, 15, 16, 17 and 57).

The cultivation of other cereals (crop code 4 and 17) was mainly carried out at organic producers with 2,646 ha, equivalent to 74 per cent of the total registered area for these crop codes.

A large part of the cultivation of legumes took place at organic producers’ locations with a total area of 11,191 ha for peas for maturity, broad beans, sweet lupin and other pulses (crop codes 7, 30, 31, 32, 36 and 54) corresponding to 47 per cent of the total registered area for these crop codes. The area with these legumes was approximately 2,500 ha greater in 2017 compared to 2016.

TABLE 5. Grain, oilseed and pulse for maturity in 2017.

Crop code and name	Total production area, ha	Organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
1 Spring barley	540,366	1,494	0.1	5,277	25.6	13,876	67.2	20,646	3.8
2 Spring wheat	13,490	26	0.0	829	21.0	3,091	78.4	3,945	29.2
3 Spring oats	58,272	201	0.0	4,091	22.5	13,924	76.4	18,216	31.3
4 Mix of spring-sown cereals	2,295	6	0.0	408	23.6	1,317	76.1	1,730	75.4
5 Maize for maturity	5,189	17	0.6	9	33.3	2	7.4	27	0.5
6 Spring wheat, bread wheat	1,126	.	.	50	16.8	248	83.2	298	26.5
7 Grain + pulse, under 50% grain pulse	3,410	.	.	818	26.5	2,272	73.5	3,090	90.6
10 Winter barley	124,697	190	0.1	372	24.8	936	62.5	1,498	1.2
11 Winter wheat	548,493	1,178	0.2	1,763	30.3	2,884	49.5	5,826	1.1
13 Winter wheat, bread wheat	23,736	.	.	9	13.0	59	85.5	69	0.3
14 Winter rye	22,635	44	0.0	3,191	28.6	7,935	71.0	11,171	49.4
15 Winter hybrid rye	88,686	275	0.0	1739	28.7	4,035	66.7	6,049	6.8
16 Winter triticale	8,097	.	.	24	70.6	10	29.4	34	0.4
17 Mix of autumn-sown cereals	1,261	.	.	69	7.5	847	92.5	916	72.6
21 Spring rape	850	9	0.3	.	.	26	72.2	36	4.2
22 Winter rape	176,971	319	0.1	387	16.4	1,648	70.0	2,354	1.3
23 Turnip	4	.	.	.	.	4	100.0	4	100.0

(Table 5 continued)

Crop code and name	Total production area, ha	Organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
24 Sunflower	11	.	.	2	50.0	2	50.0	4	36.4
25 Soyabeans	1	.	.	.	.	.	.	.	.
30 Peas	5,365	20	0.0	824	50.1	803	48.8	1,646	30.7
31 Broad beans	14,816	6	0.0	2,703	44.6	3,355	55.3	6,065	40.9
32 Sweet lupin	381	.	.	181	53.4	158	46.6	339	89.0
35 Pulse, perennial mix	0	.	.	.	.	.	.	.	.
36 Pulse, other types for maturity mixing	35	.	.	2	5.7	34	97.1	35	100.0
40 Oil flax	64	.	.	.	.	57	100.0	57	89.1
42 Hemp	508	1	0.0	5	1.6	314	98.1	320	63.0
51 Mixed broadleaved crop, seed/grain	12	.	.	.	.	.	.	.	.
52 Quinoa	63	.	.	11	26.2	31	73.8	42	66.7
53 Buckwheat	43	.	.	.	.	39	100.0	39	90.7
54 Pulse mix	18	.	.	15	93.8	1	6.3	16	88.9
55 Spring rye	22	.	.	.	.	22	100.0	22	100.0
56 Spring triticale	1,076	.	.	263	24.8	797	75.2	1,060	98.5
57 Winter oats	15	.	.	1	100.0	.	.	1	6.7
total	1,642,008	3,785	0.0	23,045	26.9	58,724	68.6	85,554	5.2

2,648 ha were cultivated with field seeds (Table 6) in 2017, which is an increase of 1,101 ha compared to 2016. The seed types that were mainly cultivated organically, were cumin, timothy, rye fescue and rye fescue seed (autumn planted) with 100, 39, 42 and 40 per cent respectively, of the total registered area for these crop codes (122, 105, 109, 118).

TABLE 6. Field seed in 2017

Crop code and name	Total production area, ha	Organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
101 Rye-grass seed, regular	22,326	75	6.8	250	22.6	780	70.6	1,105	4.9
102 Rye-grass seed, regular 1 year, autumn undersown	4,702	.	.	.	.	13	100.0	13	0.3
103 Italian rye-grass seed	898	.	.	9	9.3	88	90.7	97	10.8
104 Italian rye-grass seed 1 year, autumn undersown	814	.	.	.	.	.	.	.	.
105 Timothy seed	429	.	.	.	.	166	100.0	166	38.7
106 Cocksfoot seed	5,086	.	.	.	.	89	100.0	89	1.7

(Table 6 continued)

Crop code and name	Total production area, ha	Organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
107 Meadow fescue seed	446	.	.	43	47.8	47	52.2	90	20.2
108 Red fescue seed	18,545	.	.	.	.	32	100.0	32	0.2
109 Rye fescue seed	526	34	15.2	.	.	188	84.3	223	42.4
110 Hard fescue seed	1,092	.	.	.	.	56	100.0	56	5.1
111 Tall fescue grass seed	5,861	64	30.9	85	41.1	58	28.0	207	3.5
112 Kentucky bluegrass seed (ley)	2,476	.	.	4	100.0	.	.	4	0.2
113 Kentucky bluegrass seed (turfgrass type)	5,772	29	100.0	.	.	.	.	29	0.5
114 Meadow-grass seed, regular	61	.	.	.	.	.	.	.	.
115 Browntop and creeping bent	155	.	.	.	.	.	.	.	.
116 Rye-grass, hybrid	205	.	.	.	.	25	100.0	25	12.2
117 Rye-grass, autumn under-sown, hybrid	167	.	.	.	.	.	.	.	.
118 Rye fescue seed, autumn	45	.	.	2	11.1	17	94.4	18	40.0
120 Clover seed	4,151	8	1.9	120	29.1	284	68.9	412	9.9
121 Ley legumes	33	.	.	1	33.3	1	33.3	3	9.1
122 Caraway seed	1	.	.	.	.	1	100.0	1	100.0
123 Poppy seed	4	.	.	.	.	.	.	.	.
124 Spinach seed	8,868	.	.	.	.	61	100.0	61	0.7
125 Beetroot seed	97	.	.	.	.	.	.	.	.
126 Mix of seeds for corn	131	.	.	.	.	12	100.0	12	9.2
149 Potatoes, plant (certified)	579	.	.	.	.	8	100.0	8	1.4
150 Potatoes, plant (own)	6,681	4	2.2	63	35.0	113	62.8	180	2.7
In total	90,151	215	7.6	576	20.4	2,038	72.1	2,828	3.1

Table 7 shows the distribution of crops for factory and for feed for own mowing in 2017, which in total accounted for 1.5 per cent of the organic production area. 1,796 ha were cultivated with potatoes (crop code 151, 152, 153) in 2017, corresponding to 3.6 per cent of the total area cultivated with potatoes.

TABLE 7. Industrial crops and feed for own mowing in 2017

Crop code and name	Total production area, ha	Organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
151 Potatoes, starch	28,258	35	32.1	.	.	74	67.9	109	0.4
152 Potatoes, consumption	9,269	2	0.1	5	0.3	1,609	99.6	1,615	17.4
153 Potatoes, other	4,839	.	.	.	.	72	100.0	72	1.5
160 Sugar beet for factory	34,476	212	35.6	132	22.1	253	42.4	596	1.7

(Table 7 continued)

Crop code and name	Total production area, ha	Organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
161 Chicory roots	8	.	.	.	.	.	.	.	0.0
162 Mix, other industrial crops	4	.	.	0	0.0	3	100.0	3	75.0
170 Grass for factory (rotation)	152	.	.	.	.	.	.	.	.
171 Alfalfa, mowing	771	.	.	97	25.3	286	74.7	383	49.7
172 Alfalfa grass, over 25% grass for mowing, incl. own feed	1,000	1	0.2	110	23.4	361	76.6	471	47.1
173 Clover for mowing	292	1	0.4	59	25.7	169	73.5	230	78.8
174 Clovergrass for factory	55	.	.	.	.	30	100.0	30	54.5
180 White mustard	102	1	3.3	20	66.7	9	30.0	30	29.4
182 Mix of oil species	221	19	54.3	17	48.6	.	.	35	15.8
tota	72,766	270	7.6	441	12.3	2,865	80.1	3,576	4.9

Organic farms to a high degree cultivate coarse feed for their own livestock at the same time that there is a need for sufficient outdoor space for among other things, pasture for organic livestock. 132,523 ha were used for this in 2017, corresponding to 54 per cent of the total organic production area (Table 8).

In 2017, 70,751 ha were used for clovergrass and alfalfagrass (crop code 255, 256, 260, 261, 262, 264, 266, 267, 268, 273, 274, 276, 278, 284, 285, 286), corresponding to 29 per cent of the organic production area.

TABLE 8. Coarse feed, wholecrop and grass in 2017

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
210 Spring barely, wholecrop	10,909	47	1.7	660	24.3	2,011	74.0	2,719	24.9
211 Spring wheat, wholecrop	139	.	.	3	7.9	35	92.1	38	27.3
212 Spring oats, wholecrop	533	3	4.5	43	65.2	21	31.8	66	12.4
213 Mixed cereal, spring-sown, wholecrop	155	.	.	9	24.3	28	75.7	37	23.9
214 Cereal and pulse, wholecrop, under 50% pulse	6,875	19	0.5	1,165	31.3	2,542	68.2	3,727	54.2
215 Peas wholecrop	5,622	2	0.0	3,399	67.4	1,643	32.6	5,045	89.7
216 Silo maize	167,086	146	3.2	1,093	24.3	3,266	72.5	4,506	2.7
220 Winter barley, wholecrop	33	.	.	.	.	1	100.0	1	0.0
221 Winter wheat, wholecrop	326	.	.	17	100.0	1	5.9	17	5.2
222 Winter rye, wholecrop	53	2	11.8	.	.	15	88.2	17	32.1
223 Winter triticale, wholecrop	2	.	.	.	.	.	.	.	.
224 Mixed of cereals, wholecrop	2	.	.	.	.	.	.	.	.
230 Mix of spring cereals, green	1,656	.	.	54	17.3	258	82.7	312	18.8

(Table 8 continued)

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
234 Cereal and pulse, green grain, under 50% pulse	983	.	.	47	25.5	137	74.5	184	18.7
235 Mix of winter cereals, green	140	.	.	22	24.7	67	75.3	89	63.6
247 Environmental grass AECM scheme 2 (0 N) (rotation)	22,837	98	2.0	1,107	22.2	3,773	75.8	4,978	21.8
248 Permanent grass, borehole	15	.	.	1	33.3	2	66.7	3	20.0
249 Utilised grass, boreholes	14	0	0.0	1	25.0	3	75.0	4	28.6
250 Permanent grass, very low yield	12,333	53	2.8	655	34.5	1,190	62.7	1,899	15.4
251 Permanent grass, low yield	19,466	67	2.3	816	28.6	1,973	69.1	2,856	14.7
252 Permanent grass, standard yield	92,399	228	1.4	4,242	26.8	11,371	71.8	15,842	17.1
253 Environmental grass AECM scheme 2 (80 N) (rotation)	229	.	.	.	.	0	0.0	0	0.0
254 Environmental grass AECM scheme 2 (0 N) (permanent)	42,895	275	2.4	2,571	22.0	8,838	75.6	11,685	27.2
255 Permanent grass, under 50% clover/alfalfa	7,154	6	0.5	391	34.8	726	64.6	1,123	15.7
256 Permanent clovergrass, over 50% clover/alfalfa	395	2	3.8	14	26.9	36	69.2	52	13.2
257 Permanent grass, w.ot clover	10,625	23	4.3	300	55.7	216	40.1	539	5.1
258 Permanent grass, island support	1	.	.	.	.	.	.	.	.
259 Permanent grass, factory, over 6 tonnes	45	.	.	.	.	.	.	.	.
260 Grass with clover/alfalfa, under 50% legumes (rotation)	179,345	239	0.4	17,089	28.6	42,505	71.0	59,832	33.4
261 Clovergrass, over 50% clover (rotation)	1,135	8	1.1	232	32.9	466	66.1	705	62.1
262 Alfalfa, alfalfagrass, over 50% alfalfa (rotation)	119	0	0.0	1	2.9	32	94.1	34	28.6
263 Grass without clovergrass (rotation)	49,384	108	7.7	788	55.9	514	36.5	1,410	2.9
264 Grass and clovergrass without N norm, under 50% clover (rotation)	6,130	10	1.8	236	42.7	307	55.5	553	9.0
266 Grass, under 50% clover/alfalfa, extremely low yield (rotation)	1,397	.	.	115	54.8	95	45.2	210	15.0
267 Grass, under 50% clover/alfalfa, very low yield (rotation)	2,709	7	1.4	376	76.1	110	22.3	494	18.2
268 Grass, under 50% clover/alfalfa, low yield (rotation)	15,689	34	0.6	1,839	30.6	4,146	68.9	6,019	0.0
269 Grass, rolled sod	416	.	.	.	.	1	100.0	1	0.2

(Table 8 continued)

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
270 Grass for freerange pigs, rotation	1,052	.	.	167	19.4	694	80.6	861	81.8
271 Recreative purpose	3,970	15	4.6	86	26.2	227	69.2	328	8.3
273 Alfalfa for factory	9	.	.	.	.	2	100.0	2	22.2
274 Permanent alfalfagrass, over 25% grass, for factory	31	.	.	.	.	17	100.0	17	54.8
276 Permanent grass and clovergrass without N norm, under 50% clover	27,647	63	2.8	775	34.7	1,397	62.5	2,234	8.1
277 Clover for factory	5	.	.	.	.	.	.	.	0.0
278 Permanent alfalfa and alfalfagrass, over 50% alfalfa	31	.	.	.	.	4	100.0	4	12.9
279 Permanent grass for factory	28	.	.	.	.	.	.	.	.
280 Sugar beet for fodder	4,250	4	5.8	43	62.3	23	33.3	69	1.6
281 Swedes	11	.	.	.	.	6	100.0	6	54.5
282 Marrow stem kale	28	.	.	.	.	.	.	.	.
283 Feeding carrot	1	.	.	.	.	.	.	.	0.0
284 Grass with vetch and other legumes, under 50% legumes	42	.	.	1	16.7	6	100.0	6	14.3
285 Grass and clovergrass without N norm, over 50% clover (rotation)	104	.	.	.	.	18	100.0	18	17.3
286 Permanent grass and clovergrass without N norm, over 50% clover	157	.	.	0	0.0	1	100.0	1	0.6
287 Grass for freerange pigs, permanent	16	.	.	6	50.0	6	50.0	12	75.0
487 Agroforestry	67	5	12.5	7	17.5	28	70.0	40	59.7
488 Henyard, permanent grass	45	.	.	1	2.2	44	97.8	45	100.0
701 Green grain of spring barley	12,738	42	3.6	285	24.3	847	72.1	1,174	9.2
702 Green grain of spring wheat	904	.	.	31	81.6	7	18.4	38	4.2
703 Green grain of spring oats	1,342	18	3.4	55	10.3	459	86.3	532	39.6
704 Green grain of spring rye	1,813	.	.	110	7.2	1,424	92.8	1,534	84.6
705 Green grain of spring triticale	2	.	.	.	.	.	.	.	.
706 Green grain of winter barley	208	.	.	.	.	.	.	.	.
707 Green grain of winter wheat	1,801	.	.	27	43.5	35	56.5	62	3.4
709 Green grain of winter rye	1,196	.	.	154	28.5	387	71.5	541	45.2
711 Green grain of winter triticale	12	.	.	.	.	.	.	.	.
tot	716,756	1,526	1.2	39,035	29.5	91,962	69.4	132,523	18.5

Uncultivated fields and other selection of areas on organic farms in 2017 totalled 5,895 ha, corresponding to 2.4 per cent of the organic area (Table 9).

TABLE 9. Cultivated areas with special environmental schemes in 2017

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
305 Permanent grass, without payment of organic aid	11	.	.	5	45.5	6	54.5	11	100.0
306 Grass in rotation, without payment of organic aid	1	.	.	.	.	1	100.0	1	100.0
308 EFA-Fallow with mowing	26,906	53	77.9	.	.	15	22.1	68	0.3
309 Cultivated area at water well	33	0	0.0	0	0.0	1	50.0	2	6.1
310 Fallow with mowing	3,077	40	40.8	.	.	57	58.2	98	3.2
311 Forest establishment on former farmland 1	4,718	21	6.2	76	22.4	244	71.8	340	7.2
312 20-year selection	3,414	6	10.7	18	32.1	32	57.1	56	1.6
313 20-year selection of arable land with voluntary forest establishment	512	9	81.8	2	18.2	.	.	11	2.1
314 20-year selection with scheme of forest establishment from Danish Nature Agency	685	.	.	.	.	11	100.0	11	1.6
316 Selection with retention, not farmland	5	.	.	.	.	.	.	.	.
317 Wet areas with selection	218	.	.	.	.	.	.	.	.
318 AECM not selection, not farmland	26,943	27	0.5	951	18.6	4,135	80.9	5,113	19.0
319 EFA Wetlands or shallow soils, selection, not farmland	1,234	.	.	31	63.3	19	38.8	49	4.0
321 Environmental initiative, not farmland	3,604	0	0.0	82	66.1	42	33.9	124	3.4
323 EFA-cultivated area at water well	20	.	.	.	.	0	0.0	0	0.0
324 Fallow with flowers	195	.	.	.	.	5	100.0	5	2.6
325 EFA-Fallow with flowers	1,069	3	50.0	.	.	3	50.0	6	0.6
326 Not farming, MSO, converted from permanent grass	1	.	.	.	.	.	.	.	.
tot	72,646	159	2.7	1,165	19.8	4,571	77.5	5,895	8.1

A total of 3,596 ha was cultivated with vegetables on organic areas in 2017, corresponding to 29 per cent of the total registered area for these crops (Table 10).

In particular, herbs (crop code 432) were cultivated organically, with 67 per cent of the total registered area with herbs.

In 2017, to a high degree, very many regular vegetables were cultivated organically, with more than 40% of the total area, including for example, Jerusalem artichoke, squash, carrot, green cabbage, beetroot and parsnip (crop code 429, 405, 407, 406, 417 and 412).

TABLE 10. Vegetables in 2017

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
400 Gherkin	69	.	.	.	.	0	0.0	0	0.0
401 Asparagus	183	.	.	0	0.0	12	92.3	13	7.1
402 Celery	51	.	.	.	.	20	100.0	20	39.2
403 Cauliflower	426	.	.	.	.	64	100.0	64	15.0
404 Broccoli	393	.	.	.	.	132	100.0	132	33.6
405 Courgette, squash	31	.	.	0	0.0	17	100.0	17	54.8
406 Green cabbage	109	.	.	.	.	64	100.0	64	58.7
407 Carrot	2,294	.	.	0	0.0	1,010	100.0	1,010	44.0
408 White cabbage	263	.	.	4	6.6	56	91.8	61	23.2
409 Chinese cabbage	46	.	.	.	.	6	100.0	6	13.0
410 Celeriac	106	.	.	.	.	40	100.0	40	37.7
411 Onions	1,477	.	.	.	.	250	100.0	250	16.9
412 Parsnip	137	.	.	.	.	67	100.0	67	48.9
413 Turnip-rooted parsley	101	.	.	.	.	45	100.0	45	44.6
415 Leek	333	.	.	5	10.9	41	89.1	46	13.8
416 Brussel sprout	27	.	.	.	.	1	100.0	1	3.7
417 Beetroot	303	.	.	0	0.0	127	100.0	127	41.9
418 Red cabbage	223	.	.	.	.	30	100.0	30	13.5
420 Lettuce (outdoor cultivated)	757	.	.	1	0.5	215	99.5	216	28.5
421 Savoy cabbage, pointed cabbage	278	.	.	.	.	88	100.0	88	31.7
422 Spinach	135	.	.	.	.	23	100.0	23	17.0
423 Sweetcorn	426	.	.	1	3.3	29	96.7	30	7.0
424 Peas, consumption	3,281	.	.	.	.	779	100.0	779	23.7
429 Jerusalem artichoke, consumption	134	.	.	33	30.6	75	69.4	108	80.6
430 Leaf parsley	29	.	.	.	.	6	100.0	6	20.7
431 Chives	5	.	.	.	.	0	0.0	0	0.0
432 Herbs (apart from parsley and chives)	30	.	.	2	10.0	18	90.0	20	66.7
434 Vegetable, other (outdoor cultivated)	118	.	.	7	11.5	54	88.5	61	51.7
448 Medicinal plants, 1 and 2 years old	48	.	.	4	14.3	24	85.7	28	58.3
450 Vegetables, mixed	428	.	.	15	6.0	233	94.0	248	57.9
tot	12,241	.	.	72	2.0	3,524	98.0	3,596	29.4

Organic areas for fruit and berries are typically usually small areas for horticultural crops but account for a relatively large part of the total production area (Table 11).

TABLE 11. Horticultural crops (horticultural school plants, fruit and berry, growth cultivation, special cultivations), forest and tree cultivations in 2017

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	Ha	% of total org.	ha	% of total org.		
489 Sea buckthorn	18	.	.	3	16.7	15	83.3	18	100.0
491 Cranberry	0	.	.	.	.	0	0.0	0	0.0
493 Black chokeberry	20	.	.	0	0.0	19	100.0	19	95.0
496 Medicinal plants, arboreal	2	.	.	.	.	1	0.0	1	50.0
497 Nursery cultivation, arboreal plant, for sale	1,564	.	.	2	1.8	110	98.2	112	7.2
501 Perennials	9	.	.	.	.	0	0.0	0	0.0
502 Flower bulb	17	.	.	.	.	.	.	.	0.0
503 Annual and biennial plants	234	.	.	1	33.3	2	66.7	3	1.3
504 Blackcurrant, multiplication by cutting	6	.	.	.	.	.	.	.	.
507 Raspberry, multiplication by cutting	6	.	.	.	.	1	100.0	1	0.0
508 Other of the family Vaccinium	2	.	.	.	.	.	.	.	.
509 Quince	3	.	.	.	.	2	100.0	2	0.0
512 Rhubarb	69	.	.	4	10.0	36	90.0	40	58.0
513 Strawberry	1,191	13	13.8	4	4.3	77	81.9	94	0.0
514 Blackcurrant	578	.	.	191	77.0	57	23.0	248	42.9
515 Redcurrant	242	.	.	38	71.7	14	26.4	53	21.9
516 Gooseberry	41	4	25.0	7	43.8	5	31.3	16	39.0
517 Blackberry	3	.	.	1	50.0	2	100.0	2	66.7
518 Raspberry	30	0	0.0	2	20.0	7	70.0	10	33.3
519 Blueberry	74	.	.	5	23.8	16	76.2	21	28.4
520 Sour cherry without u.g. of grass	400	.	.	3	100.0	0	0.0	3	0.8
521 Sour cherry with u.g. of grass	259	.	.	23	92.0	2	8.0	25	9.7
522 Plum without u.g. of grass	44	.	.	1	20.0	4	80.0	5	11.4
523 Plum with u.g. of grass	25	.	.	0	0.0	7	100.0	7	28.0
524 Sweet cherry without u.g. of grass	51	.	.	2	22.2	7	77.8	9	17.6
525 Sweet cherry with u.g. of grass	131	.	.	5	83.3	1	16.7	6	4.6
526 Elder	14	.	.	2	16.7	10	83.3	12	85.7
527 Hazel	36	.	.	8	30.8	17	65.4	26	72.2
528 Apples	1,444	0	0.0	66	17.1	321	82.9	387	26.8
529 Pears	303	.	.	10	43.5	13	56.5	23	7.6
530 Grapes	88	3	6.3	24	50.0	20	41.7	48	54.5
531 Other tree fruit	37	1	5.0	9	45.0	10	50.0	20	54.1
532 Other shrub fruit	44	.	.	7	36.8	12	63.2	19	43.2

(Table 11 continued)

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
533 Rowanberry	31	.	.	.	.	.	.	.	.
534 Rosehip	138	.	.	3	33.3	6	66.7	9	6.5
536 Food grape	1	.	.	0	0.0	0	0.0	0	0.0
539 Mixed fruit	48	.	.	13	52.0	12	48.0	25	0.0
540 Tomatoes	16	.	.	2	28.6	5	71.4	7	43.8
541 Cucumber	13	.	.	5	50.0	5	50.0	10	0.0
542 Lettuce (greenhouse)	3	.	.	.	.	0	0.0	0	0.0
543 Vegetables, other (greenhouse)	8	.	.	1	20.0	4	80.0	5	62.5
544 Cut flowers and foliage	28	.	.	2	50.0	2	50.0	4	14.3
545 Houseplants	5	.	.	0	0.0	0	0.0	1	20.0
547 Nursery cultivation, perennials	150	.	.	0	0.0	0	0.0	0	0.0
548 Seedlings, annual	1	.	.	0	0.0	0	0.0	1	100.0
549 Closed system 1, annual	3	.	.	0	0.0	1	100.0	1	33.3
550 Closed system 2, perennials	0	.	.	.	.	.	.	.	.
551 Pumpkin	3	.	.	.	.	.	.	.	.
552 Vegetable marrow	7	.	.	1	33.3	1	33.3	3	42.9
553 Giant pumpkin	268	.	.	1	1.3	76	100.0	76	0.0
563 Mushrooms, champignon	3	.	.	2	100.0	0	0.0	2	0.0
564 Container area	30	.	.	.	.	0	0.0	0	0.0
570 Hops	0	.	.	.	.	0	0.0	0	.
578 Groundwater protection	534	.	.	6	10.9	49	89.1	55	10.3
579 African marigold	8	.	.	.	.	.	.	.	0.0
580 Forestry, common	4,802	19	0.7	619	22.1	2,162	77.2	2,801	58.3
581 Afforestation with tree <3 m	208	.	.	2	40.0	3	60.0	5	0.0
582 Greenery cuttings, organic farming	30	1	3.4	12	41.4	15	51.7	29	0.0
583 Christmas trees and greenery cuttings on farmland	18,855	187	43.8	58	13.6	182	42.6	427	2.3
585 Forest establishment in project areas, not included by a scheme	110	.	.	1	20.0	4	80.0	5	4.5
586 Public forest establishment	569	.	.	87	94.6	5	5.4	92	16.2
587 Forest establishment on former farmland 3	5,339	35	7.5	152	32.5	281	60.2	467	8.7
588 State funded forest establishment	364	.	.	201	93.9	13	6.1	214	58.8
589 Sustainable forestry	355	.	.	14	25.5	41	74.5	55	15.5
590 Sustainable forestry in Natura 2000 area	584	.	.	.	.	56	100.0	56	9.6
591 Coppice forest	150	.	.	8	26.7	22	73.3	30	20.0

(Table 11 continued)

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
592 Willow	2,781	22	2.4	322	35.1	573	62.5	917	33.0
593 Poplar	2,119	4	0.6	311	47.6	339	51.8	654	30.9
594 Alder	26	2	25.0	3	37.5	2	25.0	8	30.8
596 Elephant grass	69	4	50.0	1	12.5	2	25.0	8	11.6
597 Reed canary grass	9	.	.	.	.	.	.	.	.
602 EFA – Willow	2,337	6	75.0	.	.	2	25.0	8	0.3
603 EFA - Poplar	1,243	14	58.3	2	8.3	7	29.2	24	1.9
604 EFA – Alder	2	.	.	.	.	0	0.0	0	0.0
605 EFA - Coppice forest	148	.	.	.	.	.	.	.	.
tot	48,383	317	4.4	2,250	31.1	4,663	64.5	7,229	14.9

The organic area that was used for horticultural seed was only 81 ha, most of which was used for the production of cress and chive seed (Table 12).

TABLE 12. Horticultural seed in 2017

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
650 Chrysanthemum seeds	170	.	.	.	.	0	0.0	0	0.0
651 Dill seeds	2	.	.	.	.	1	100.0	1	50.0
652 Chinese cabbage seeds	319	.	.	.	.	0	0.0	0	0.0
653 Cress seeds	111	.	.	.	.	36	100.0	36	32.4
654 Rucola seeds	13	.	.	.	.	.	.	.	0.0
655 Radish seed (incl. fodder radish seeds)	136	.	.	.	.	6	100.0	6	4.4
656 Spinachbeet & beetroot seeds	48	.	.	.	.	.	.	.	0.0
657 Green cabbage seeds	0	.	.	.	.	0	0.0	0	0.0
658 Carrot seeds	9	.	.	.	.	.	.	.	.
659 Cabbage seeds	96	.	.	.	.	.	.	.	.
660 Parsley seeds	47	.	.	3	100.0	0	0.0	3	.
661 Chervil seeds	29	.	.	.	.	.	.	.	.
662 Turnip seeds	51	.	.	.	.	0	0.0	0	0.0
664 Scorzonera/Scorzonera seeds	73	.	.	.	.	.	.	.	.
666 Chive seeds	187	.	.	.	.	21	100.0	21	11.2
667 Thyme seeds	23	.	.	.	.	.	.	.	.
668 Flower seeds	68	.	.	.	.	13	100.0	13	.
tot	1,382	.	.	3	3.7	78	96.3	81	5.9

In the crop code category 'other crops', 2,802 ha were reported as organic areas (Table 13), of which organic natural areas made up most of this, with 2,500 ha.

TABLE 13. Other crops in 2017

Crop code and name	Total production area, ha	Total organic production area						Total organic production area, ha	Organic share % of total production area
		Conversion of area not yet started		Area under conversion		Fully converted area			
		ha	% of total org.	ha	% of total org.	ha	% of total org.		
360 Wild crops	574	2	25.0	3	37.5	3	37.5	8	1.4
361 Farmland not eligible for aid	130	.	.	9	69.2	4	30.8	13	10.0
900 Other crops	132	.	.	4	10.5	34	89.5	38	28.8
903 Light and open areas in wood	196	6	26.1	5	21.7	13	56.5	23	11.7
905 Other use on areas with schemes	26	.	.	15	57.7	11	42.3	26	100.0
907 Natural areas, organic farming	2,534	18	0.7	661	26.4	1,821	72.8	2,500	98.7
908 Natural areas, application for environmental scheme	642	9	4.6	178	91.3	8	4.1	195	30.4
920 Summer fallow, organic farming	0	.	.	.	.	0	0.0	0	0.0
921 Bare soil	6	.	.	.	.	.	.	.	.
tot	4,240	34	1.2	875	31.2	1,893	67.6	2,802	66.1

7. Distribution of organic area by production activity and geographical location

In order to clarify the organic production area that is used for the different production activities, these six typical production activity groups have been defined:

Dairy farming	Farms with more than 20 dairy cows.
Pig farming	Farms with more than 200 finishers or more than 20 sows.
Poultry farming	Farms with more than 100 fowls.
Horticulture³	Farms where at least 30 per cent of the area or more than 3 ha of the crop codes 150-153 potatoes, 160-162 chicory and root vegetables, 400-413, 415-418, 420-424, 429-433, 440, 448-450 vegetables, 500-536, 539-545, 547-550, 559-563, 570, 579 fruit, berry, horticultural crops and growth cultivations, 650-669 horticultural seed.
Farms with several activities	Farms that fulfil the criteria for two of the above four categories. Farms that fall under this category can be farms that fulfil the criteria for both dairy cows and horticulture.
Farms with other production activities⁴	Farms that are not characterised by any of the above definitions. This includes farms with beef cattle, sheep, goats, deer, horse and grain and coarse feed production.

It must be emphasised that the figures for the different production activities are net figures. Therefore, changes from previous years and until 2017 must be interpreted with caution, since farms can “wander” from one production activity one year to another production activity in the following year. For example, if a *dairy farm* is involved in horticulture crops to such a degree that the farm also fulfils the criteria for the farming activity category *horticulture*, *the entire farm’s area is no longer included under Dairy farming but under the farming activity category, Farms with several activities*

Figure 6 shows that dairy farming is one of the farming activity categories that is used with most of the area in 2017, with 70,376 ha, corresponding to 32 per cent of the total organic production area. Compared to 2016, there was an increase of 4,716 ha in area used for dairy farming in 2017 (Figure 7).

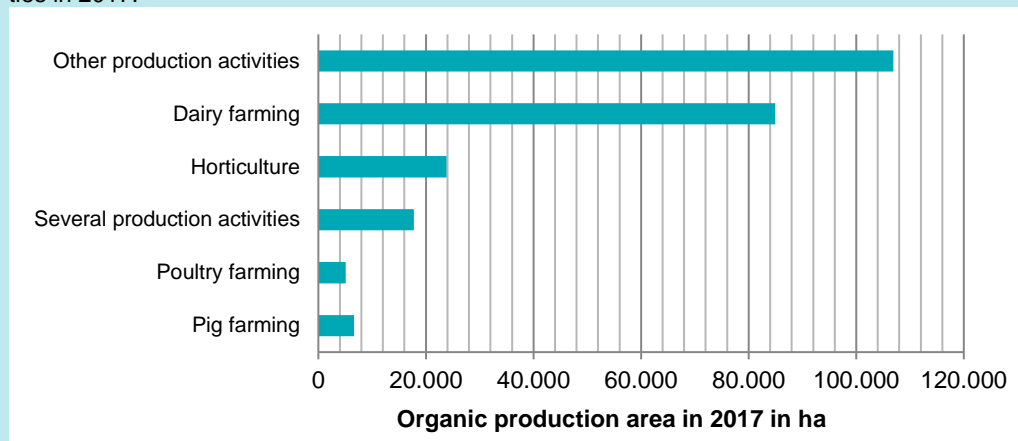
In 2017, pig farming used an area of 6,131 ha (Figure 6) and thus the area used increased by 37 per cent from 2016 to 2017 (Figure 7). The increase mainly took place in Central Denmark Region and Region of Southern Denmark (Figure 9).

The farming category farms with other production activities, covered the largest area in 2017, with 102,438 ha, corresponding to 47 per cent of the total organic production area.

³ In the 2012 report, this category was called “plant breeding holdings”. From and including 2013, it is called “horticulture”, since grain, oilseed, pulse, grass and coarse feed production are not included in the activity’s definition. The actual criteria for the farm’s definition has not been changed.

⁴ In the publication for 2012, this category was called “mixed farms”. From and including 2013, it is named “other production activities”. The change was made to be able to differentiate the category from “farms with several production activities”. The actual criteria for the farm’s definition has not been changed.

FIGURE 7. Organic farm's production areas nationwide and distributed across production activities in 2017.



	Conversion not yet started (ha)	Under conversion (ha)	Organic (ha)	In total (ha)	Development from 2016 to 2017 (ha)
Other production activities	5,172	34,688	67,044	106,904	4,466
Dairy farming	171	20,932	63,855	84,961	14,585
Horticulture	1,530	4,583	17,719	23,832	3,994
Several production activities	311	4,003	13,439	17,753	4,571
Poultry farming	46	1,269	3,782	5,096	265
Pig farming	126	1,984	4,507	6,615	484
All activities	7,357	67,460	170,343	245,159	28,365

FIGURE 8. Development in organic production area (ha) from 2012 to 2017, distributed across production activities.

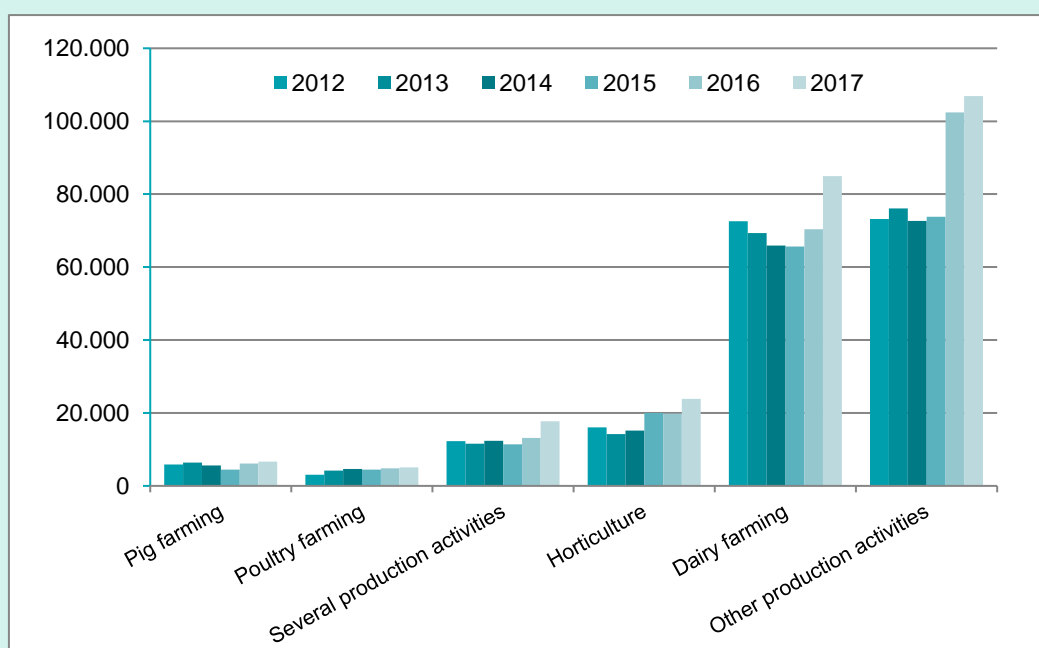
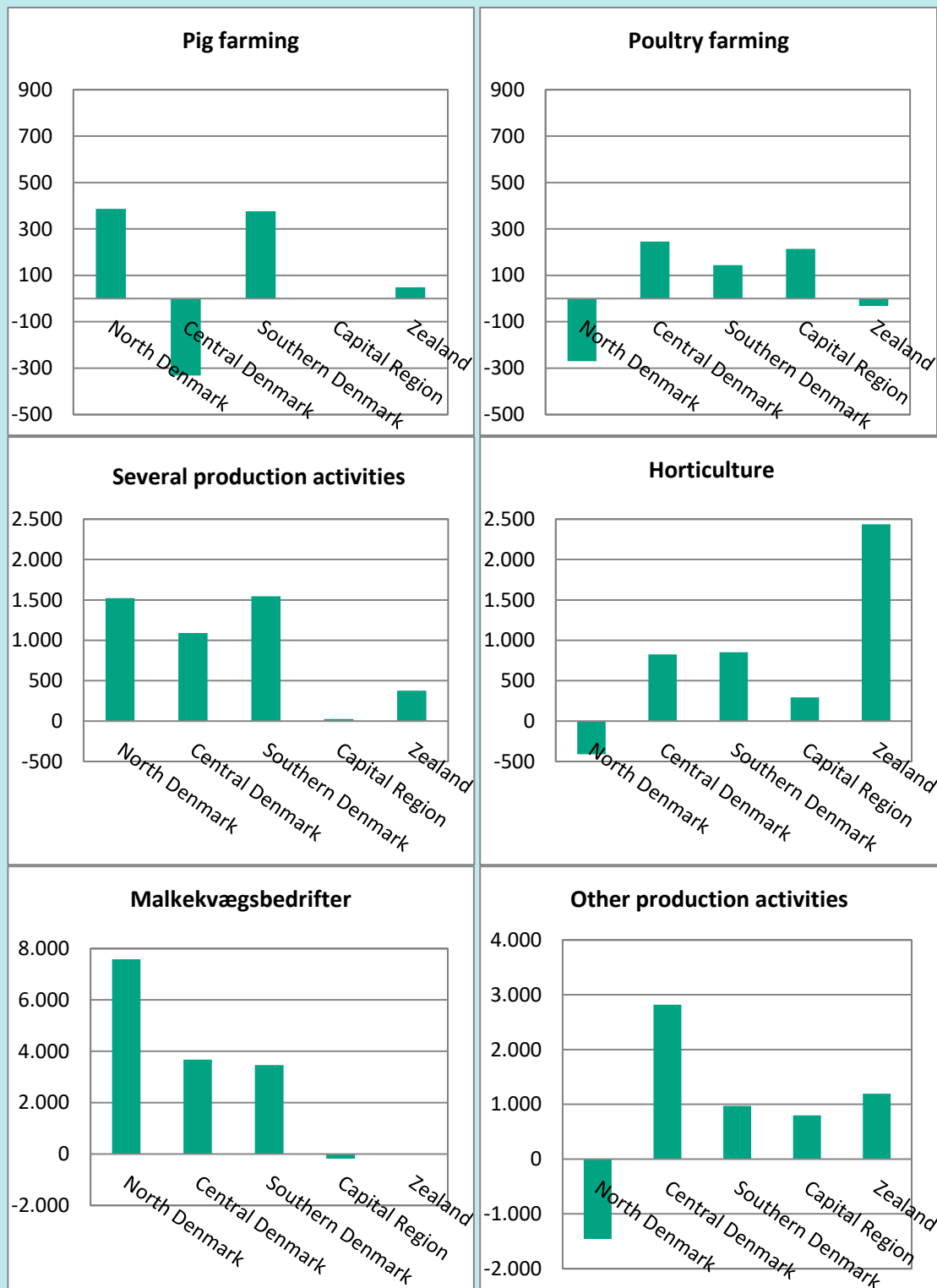


FIGURE 9. Development in organic production area (ha) from 2016 to 2017, regionally and distributed across production activities.



8. Geographical distribution of organic production area

As with recent years' statistics for organic farming production, the figures for the organic farms' areas on the regional and municipal level have been recorded, and can be seen in Tables 14-18.

Note that the figures for geographical location of the areas from and including 2016, are based on the registered fields' field block location in the municipality, while the figures from 2015 and earlier are based on the farms' registered addresses.

The method for arriving at the figures from and including 2016, mean that, for example, a change in the producer can no longer determine the municipal affiliation for the areas. The changed method for arriving at the figures for the geographical location can have a major impact at the municipal level, but has less effect at the regional level. This should be kept in mind when comparing the figures from 2015 and earlier of the areas' geographical distribution on the regional and municipal level.

A total farmland area of 5,998 ha, of which 1,081 ha were organic areas, cannot be affiliated with a municipality and region, since the fields are located outside an existing field block, stated with field block number 9999-99. An area is allocated an existing or new field block in the subsequent case handling in the Danish Agricultural Agency.

The total organic production area in ha for a given municipality, district or region is stated at in top right column in Tables 14-18 on the next pages.

For every production activity, figures for three area categories are given:

- "Conversion is not yet started" (Conv. not started)
- "Under conversion" (Under conv.)
- "Fully converted organic area" (Organic)

These categories are totalled in the columns "in total" for each of the defined production activities. The columns under "All activities" is a sum of all of the three area categories for all of the six defined production activities.

The registered organic area in North Denmark Region was 52,844 ha in 2017 (Table 14). Thisted Municipality and Mariagerfjord Municipality had the largest organic areas in the region, with 8,300 ha each.

In Central Denmark Region (Table 15), the registered organic production area increased by 8,327 ha in 2017. Ringkøbing-Skjern Municipality and Herning Municipality had 11,772 ha and 11,229 ha, respectively – the largest organic areas in the region.

Table 16 shows the distribution of organic production area in Region of Southern Denmark in 2017, which totalled 79,883 ha. About 50 per cent of the region's organic area was found in Tønder, Aabenraa and Varde Municipality, which totalled 37,775 ha of organic production area. Tønder Municipality had the largest organic production area in the region in 2017, with a total of 15,642 ha.

The organic production area distribution across the municipalities in Capital Region of Denmark in 2017 is shown in Table 17. The registered organic area in Capital Region of Denmark was 10,676 ha in 2017. Tårnby Municipality and Bornholm Municipality had the largest organic areas in the region with 1,637 ha and 1694 ha, respectively.

In Region Zealand (Table 18), 24,055 ha of organic production area was registered in 2017. Holbæk Municipality had the largest organic areas in Region Zealand, with 3,173 ha.

TABLE 14. Distribution of organic areas (ha) across the municipalities and districts for North Jutland Region and distributed across production activities

	Total farm-land	Dairy farming				Pig farming				Poultry farming				Horticulture				Several production activities				Other production activities				All activities			
		Conv. not started	Under conv.	Or-ganic	In total	Conv. not started	Under conv.	Or-ganic	In total	Conv. not started	Under conv.	Or-ganic	In total	Conv. not started	Under conv.	Or-ganic	In total	Conv. not started	Under conv.	Or-ganic	In total	Conv. not started	Under conv.	Or-ganic	In total	Conv. not started	Under conv.	Or-ganic	In total
North Denmark Region																													
773 Morsø	3	.	102	152	255	.	.	.	.	.	.	2	2	.	.	.	.	.	.	.	.	192	22	223	437	192	125	377	695
787 Thisted	58,094	20	936	3,215	4,170	41	297	14	352	.	0	11	12	17	77	7	101	.	99	249	349	.	885	2,504	3,388	77	2,294	6,001	8,372
810 Brønderslev-Dronninglund	45,875	.	653	1,725	2,379	.	30	130	160	38	21	128	186	.	.	6	6	.	31	191	222	182	930	490	1,602	220	1,665	2,669	4,554
813 Frederikshavn	33,731	.	100	25	125	15	26	40	80	.	24	.	24	.	.	2	3	.	.	.	.	96	1,291	1,088	2,475	111	1,440	1,155	2,707
820 Vesthimmerland	55,485	.	1,980	2,390	4,370	.	143	79	222	.	245	17	262	2	85	623	710	.	58	566	624	299	245	767	1,311	301	2,756	4,443	7,500
825 Læsø	5,202	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	366	233	604	5	366	233	604
840 Rebild	41,810	.	1,109	2,128	3,237	.	.	3	3	.	1	87	88	.	38	189	227	.	.	.	.	78	500	519	1,098	78	1,649	2,926	4,653
846 Mariagerfjord	44,436	.	2,027	3,324	5,351	.	.	.	.	.	54	160	214	.	91	94	185	.	.	281	281	27	717	1,472	2,215	27	2,889	5,331	8,247
849 Jammerbugt	52,797	11	1,487	996	2,494	.	.	90	90	.	.	11	11	.	5	63	68	.	227	299	525	284	454	1,215	1,952	295	2,171	2,674	5,141
851 Aalborg	71,143	2	535	1,070	1,607	.	3	89	93	.	199	152	351	.	223	262	484	.	.	341	341	128	1,989	2,608	4,726	131	2,949	4,523	7,603
860 Hjørring	61,513	.	141	.	141	.	.	74	74	.	18	215	233	.	.	.	.	.	223	251	474	10	1,120	717	1,847	10	1,502	1,256	2,768
Sub-total	498,276	33	9,069	15,026	24,128	56	499	520	1,075	38	562	785	1,384	19	519	1,246	1,784	.	638	2,178	2,816	1,304	8,518	11,835	21,657	1,449	19,806	31,589	52,844
In total	498,276	33	9,069	15,026	24,128	56	499	520	1,075	38	562	785	1,384	19	519	1,246	1,784	.	638	2,178	2,816	1,304	8,518	11,835	21,657	1,449	19,806	31,589	52,844

TABLE 15. Distribution of organic areas (ha) across the municipalities and districts for Central Denmark Region and distributed across production activities

	Total farm-land	Dairy farming				Pig farming				Poultry farming				Horticulture				Several production activities				Other production activities				All activities			
		Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total
West Jutland																													
657 Herning	78,929	53	814	4,271	5,138	29	341	623	993	.	2	84	86	.	160	956	1,117	.	124	1,122	1,246	96	747	1,806	2,649	179	2,189	8,861	11,229
661 Holstebro	47,746	.	954	1,814	2,768	.	135	201	336	.	.	132	132	.	74	400	474	.	26	465	491	101	947	723	1,771	101	2,136	3,735	5,972
665 Lemvig	33,287	.	831	3,277	4,108	.	.	.	.	.	.	.	.	.	68	135	203	.	184	.	184	40	385	314	739	40	1,468	3,726	5,234
671 Struer	18,272	.	24	541	565	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18	252	61	331	18	276	602	896
756 Ikast-Brande	39,586	.	338	1,639	1,977	.	15	524	538	.	129	173	302	.	140	938	1,078	129	58	43	230	26	1,039	1,535	2,600	155	1,719	4,851	6,725
760 Ringkøbing-Skjern	93,599	.	921	3,739	4,660	40	.	97	136	.	.	11	11	1	94	644	739	.	262	1,090	1,352	178	1,844	2,852	4,874	219	3,121	8,432	11,772
779 Skive	48,749	31	183	1,011	1,225	.	.	15	15	.	.	.	.	.	136	414	549	.	.	.	.	224	707	946	1,877	255	1,025	2,386	3,667
791 Viborg	85,905	.	613	1,007	1,620	.	97	104	200	.	54	31	85	.	732	977	1,709	.	.	8	8	320	943	1,320	2,583	320	2,438	3,447	6,205
Sub-total	446,490	446,074	84	4,678	17,299	22,061	69	588	1,563	2,219	.	186	430	616	1	1,403	4,465	5,869	129	655	2,727	3,511	1,003	6,865	9,556	17,424	1,286	14,373	36,041
East Jutland																													
615 Horsens	30,461	.	41	103	143	.	44	14	58	.	67	93	159	.	7	70	77	.	.	.	.	7	263	825	1,095	7	421	1,105	1,533
706 Syddjurs	39,135	.	135	690	824	.	1	34	34	.	.	.	.	.	1	369	369	.	8	435	443	1	485	2,080	2,565	1	629	3,607	4,237
707 Norddjurs	44,255	.	131	.	131	.	.	.	.	.	.	7	7	.	83	521	604	.	28	275	303	31	361	1,422	1,814	31	604	2,225	2,859
710 Favrskov	34,420	.	7	238	246	.	87	.	87	.	.	8	8	.	3	47	50	.	.	.	.	77	532	948	1,557	77	629	1,241	1,948
727 Odder	15,760	.	.	.	.	.	.	12	12	.	.	19	19	.	13	54	67	.	.	.	.	.	41	181	222	.	54	265	319
730 Randers	51,550	.	337	167	504	.	1	137	138	.	.	39	39	.	33	621	653	.	.	37	37	134	696	1,877	2,708	134	1,066	2,878	4,079
740 Silkeborg	39,490	.	114	1,158	1,272	.	22	.	22	.	7	165	172	.	2	111	113	.	.	.	.	98	419	1,007	1,524	98	564	2,442	3,104
741 Samsø	8,252	.	.	.	.	.	.	.	.	.	.	.	.	117	44	31	192	.	.	.	.	128	68	193	388	245	111	224	580
746 Skanderborg	23,193	.	85	.	85	.	104	120	223	.	.	41	41	.	9	68	76	.	.	.	.	10	261	1,121	1,391	10	458	1,349	1,817
751 Aarhus	22,889	.	.	289	289	.	74	234	307	.	.	22	22	.	2	76	78	.	.	.	.	160	655	956	1,771	160	730	1,577	2,468
766 Hedensted	37,694	.	250	10	260	.	.	27	27	.	38	130	168	.	.	.	.	.	.	.	.	3	359	1,160	1,521	3	646	1,328	1,977
Sub-total	347,099	.	1,099	2,656	3,755	.	332	577	909	.	111	524	635	117	194	1,967	2,279	.	36	747	783	648	4,140	11,770	16,558	766	5,913	18,241	24,919
In total	793,173	84	5,776	19,955	25,816	69	920	2,140	3,129	.	297	954	1,251	118	1,598	6,433	8,149	129	691	3,474	4,294	1,652	11,004	21,326	33,982	2,052	20,286	54,282	76,620

TABLE 16. Distribution of organic areas (ha) across the municipalities and districts for Region of Southern Denmark and distributed across production activities

	Total farm-land	Dairy farming			Pig farming			Poultry farming			Horticulture			Several production activities			Other production activities			All activities									
		Conv. not started	conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. Not started	Under conv.	Organic	In total	Conv. Not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total				
Fyn																													
410 Middelfart	18,766	.	205	.	205	.	.	.	.	1	7	7	.	20	122	142	.	.	.	.	.	43	252	295	.	269	380	649
420 Assens	33,635	.	21	229	250	148	29	177	.	26	113	139	.	12	57	68	.	14	252	266	.	123	318	442	.	344	998	1,342	
430 Faaborg-Midtfyn	41,050	0	160	243	403	.	.	.	.	.	11	11	.	82	404	487	.	164	1,054	1,219	10	394	446	850	10	801	2,159	2,969
440 Kerteminde	14,159	.	.	.	.	1	19	20	.	.	.	.	.	4	50	54	.	33	71	104	.	20	268	288	.	58	408	466
450 Nyborg	18,461	.	.	.	.	.	.	.	.	.	.	.	.	142	444	586	.	.	.	.	10	85	105	199	10	227	549	785
461 Odense	13,296	.	.	84	84	.	.	.	.	27	192	219	.	28	203	232	.	103	182	285	.	52	118	170	.	210	780	990
479 Svendborg	25,670	.	114	104	218	.	.	.	.	.	5	5	.	85	362	447	.	.	.	.	18	179	387	583	18	377	858	1,254
480 Bogense	32,470	.	.	.	.	.	.	.	.	.	.	.	.	46	56	102	.	.	.	.	.	17	113	130	.	63	169	232
482 Lange-land	20,769	.	.	.	.	.	.	.	.	.	.	.	.	15	50	65	.	.	.	.	20	269	519	808	20	283	570	873
492 Ærø	6,728	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	71	182	253	.	71	182	253
Sub-total	225,004	0	500	661	1,161	.	149	48	197	.	53	328	381	.	434	1,749	2,182	.	314	1,560	1,874	58	1,252	2,708	4,018	58	2,702	7,053	9,813
South Jutland																													
510 Haderslev	56,703	.	129	2,011	2,139	.	30	89	119	.	57	58	115	.	32	249	281	.	998	665	1,663	.	778	1,409	2,188	.	2,024	4,481	6,505
530 Billund	30,339	.	26	213	239	.	.	.	.	.	.	.	.	.	84	84	.	.	.	.	73	363	989	1,426	73	390	1,286	1,748
540 Sønderborg	33,782	.	21	326	347	.	.	.	.	.	.	.	.	.	.	.	.	.	334	334	.	95	668	763	.	450	994	1,444
550 Tønder	90,014	.	1,750	8,065	9,815	.	63	272	336	.	31	146	176	.	5	38	44	64	280	1,003	1,347	308	1,270	2,347	3,925	371	3,400	11,871	15,642
561 Esbjerg	52,251	.	510	1,302	1,813	.	.	.	.	.	.	.	.	57	78	135	.	10	202	212	185	657	1,377	2,219	185	1,234	2,959	4,378
563 Fanø	1,697	.	.	.	.	.	.	.	.	28	142	170	.	.	.	.	.	.	.	.	.	301	30	331	.	329	172	501
573 Varde	76,223	44	1,437	5,286	6,766	.	.	155	155	.	55	55	.	46	169	215	.	39	88	126	190	1,161	4,259	5,610	234	2,682	10,012	12,928	
575 Vejle	56,788	.	211	1,797	2,007	.	115	352	466	1	34	233	268	.	414	414	.	329	1,308	1,637	183	330	1,086	1,599	184	1,018	5,189	6,392	
580 Aabenraa	64,558	.	564	4,006	4,571	.	.	119	119	.	7	407	414	33	77	409	519	.	147	238	385	290	795	2,112	3,197	323	1,591	7,292	9,205
607 Fredericia	6,214	.	.	8	8	90	110	15	214	90	110	23	222
621 Kolding	39,049	.	296	1,363	1,659	.	111	305	417	.	.	.	.	.	14	14	.	.	152	152	23	318	994	1,335	23	726	2,828	3,576
630 Vejle	62,324	.	444	1,082	1,527	.	66	218	283	.	55	275	331	.	206	388	594	.	99	99	222	1,668	2,804	4,694	222	2,439	4,865	7,527	
Sub-total	569,943	44	5,388	25,459	30,891	.	385	1,511	1,896	1	212	1,316	1,529	33	424	1,843	2,299	64	2,138	3,754	5,955	1,564	7,846	18,091	27,500	1,705	16,392	51,973	70,070
In total	794,947	44	5,888	26,119	32,051	.	534	1,559	2,093	1	265	1,643	1,910	33	857	3,592	4,482	64	2,452	5,314	7,830	1,621	9,098	20,799	31,518	1,763	19,095	59,026	79,883

TABLE 17. Distribution of organic areas (ha) across the municipalities and districts for Capital Region of Denmark and distributed across production activities

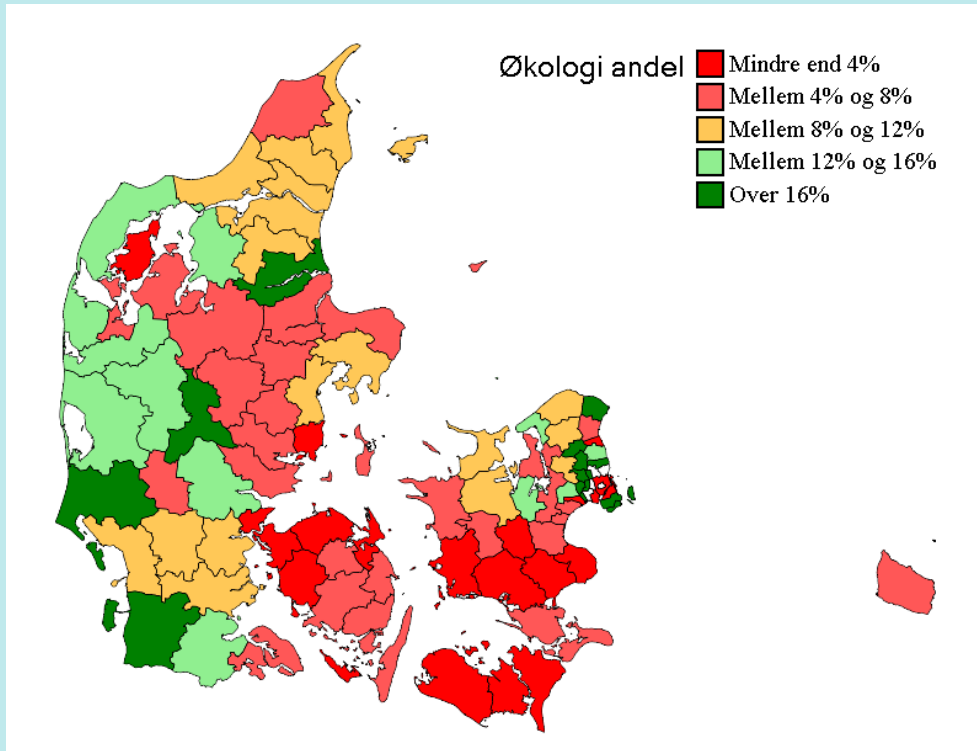
	Total land use area	Dairy farming				Pig farming				Poultry farming				Horticulture				Several production activities				Other production activities				All activities			
		Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total
Bornholm																													
400 Bornholm	34,588	.	.	182	182	.	.	.	.	.	.	.	.	.	4	21	25	.	2	10	13	42	264	1,169	1,474	42	270	1,382	1,694
Sub-total	34,588	.	.	182	182	.	.	.	.	.	.	.	.	.	4	21	25	.	2	10	13	42	264	1,169	1,474	42	270	1,382	1,694
Copenhagen City																													
101 Copenhagen	168	.	.	.	.	.	.	.	.	.	.	.	.	.	0	.	0	.	.	.	.	.	4	.	4	.	4	.	4
147 Frederiksberg	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
155 Dragør	511	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	79	140	7	226	79	140	7	226
185 Tårnby	2,958	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1,637	1,637	.	.	1,637	1,637
Sub-total	3,637	.	.	.	.	.	.	.	.	.	.	.	.	.	0	.	0	.	.	.	.	79	144	1,643	1,867	79	144	1,643	1,867
Greater Copenhagen																													
151 Ballerup	429	.	.	.	.	.	.	.	.	.	.	.	.	.	9	359	368	.	.	.	.	.	.	2	2	.	9	360	370
153 Brøndby	14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
157 Gentofte	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
159 Gladsaxe	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
161 Glostrup	15	.	.	.	.	.	.	.	.	.	.	.	.	.	8	8	8	.	.	.	.	.	.	7	7	.	.	15	15
163 Herlev	53	.	.	.	.	.	.	.	.	.	.	.	.	.	1	22	24	.	.	.	.	.	.	27	27	.	1	50	51
165 Albertslund	280	.	.	.	.	.	.	.	.	.	.	.	.	.	7	33	40	.	.	.	.	.	10	183	192	.	16	216	233
167 Hvidovre	98	.	.	.	.	.	.	.	.	.	.	.	.	.	3	0	3	.	.	.	.	.	.	.	.	.	3	0	3
169 Høje-Taastrup	3,155	.	.	.	.	.	.	.	.	.	.	.	.	.	.	207	207	.	.	.	.	.	163	88	250	.	163	294	457
173 Lyngby-Taarbæk	229	.	.	.	.	.	.	.	.	.	.	.	.	.	31	.	31	.	.	.	.	.	.	114	114	.	31	114	145
175 Rødovre	8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
183 Ishøj	997	.	.	.	.	.	.	.	.	.	.	.	.	.	1	8	8	.	.	.	.	.	.	.	.	.	1	8	8
187 Vallensbæk	85	.	.	.	.	.	.	.	.	.	.	.	.	.	9	.	9	.	.	.	.	.	68	5	73	.	77	5	82
Sub-total	5,368	.	.	.	.	.	.	.	.	.	.	.	.	.	61	637	698	.	.	.	.	.	240	426	665	.	301	1,063	1,363
North Zealand																													
190 Furesø	1,118	.	.	.	.	.	.	.	.	.	.	.	.	.	.	252	252	.	.	82	82	.	102	67	169	.	102	401	503
201 Allerød	2,193	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	4	.	48	351	399	.	52	351	403
210 Fredensborg	4,169	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	1	.	.	.	.	.	52	250	303	.	52	251	304
217 Helsingør	3,558	.	.	97	97	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	54	476	529	.	54	572	626
219 Hillerød	8,565	.	7	233	240	.	.	.	.	.	7	46	54	.	.	.	.	.	.	34	34	.	150	361	511	.	164	675	839
223 Hørsholm	542	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	11	12	.	1	11	12
230 Rudersdal	914	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24	24	.	.	103	103	.	.	126	126
240 Egedal	6,301	.	.	.	.	.	.	.	.	7	10	39	56	.	26	208	234	.	.	.	.	.	229	136	365	7	264	384	655
250 Frederikssund	14,271	.	.	.	.	.	.	.	.	.	7	7	13	.	65	78	143	.	.	392	392	.	34	175	209	13	41	632	687
260 Frederiksværk-Hundested	3,916	.	10	167	177	.	.	.	.	.	.	.	.	.	0	0	0	.	.	.	.	.	141	166	308	.	151	334	485
270 Gribskov	11,333	.	.	103	103	.	.	.	.	.	58	137	195	.	3	31	34	.	1	135	136	7	94	543	644	7	157	948	1,112
Sub-total	56,880	.	16	600	617	.	.	.	.	7	83	223	313	13	29	558	599	.	5	667	672	7	905	2,639	3,551	27	1,039	4,686	5,752
In total	100,473	.	16	782	799	.	.	.	.	7	83	223	313	13	94	1,215	1,322	.	7	677	684	128	1,553	5,877	7,558	148	1,753	8,774	10,676

TABLE 18. Distribution of organic areas (ha) across the municipalities and districts for Region Zealand and distributed across production activities

	Total farm-land	Dairy farming				Pig farming				Poultry farming				Horticulture				Several production activities				Other production activities				All activities			
		Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total	Conv. not started	Under conv.	Organic	In total
West and South Zealand																													
306 Odsherred	19,112	5	25	284	315	.	15	144	159	.	.	.	.	3	88	317	408	.	.	.	.	53	432	795	1,280	61	560	1,540	2,162
316 Holbæk	37,507	.	2	240	242	.	11	45	56	.	6	13	19	24	13	546	583	.	58	179	238	.	620	1,416	2,036	24	710	2,440	3,173
320 Faxe	25,178	.	.	.	.	.	.	.	.	.	.	.	.	.	.	667	667	.	.	.	.	34	44	202	281	34	44	869	947
326 Kalundborg	39,107	.	.	.	.	.	.	.	.	.	.	17	17	.	400	985	1,384	.	.	.	.	24	517	804	1,346	24	917	1,806	2,747
329 Ringsted	18,350	.	.	50	50	.	.	.	.	.	.	44	44	.	6	133	139	.	.	.	.	5	29	343	377	5	35	569	609
330 Slagelse	38,268	.	.	.	.	.	.	.	.	.	.	.	.	4	28	199	231	.	.	32	32	.	98	148	245	4	125	379	508
336 Stevns	18,043	.	.	.	.	.	.	.	.	.	.	9	9	.	.	23	23	.	.	54	54	19	4	157	181	19	4	244	267
340 Sorø	17,444	.	.	156	156	.	.	30	30	.	5	.	5	.	3	3	6	11	.	81	92	.	230	515	745	11	238	785	1,034
360 Lolland	69,179	.	.	.	.	.	.	2	2	.	.	.	.	734	182	74	990	.	.	888	888	.	117	285	402	734	299	1,248	2,282
370 Næstved	44,465	.	32	259	291	.	.	.	.	.	.	.	.	.	60	112	171	.	.	225	225	8	301	292	601	8	393	887	1,288
376 Guldborgsund	63,157	.	.	.	.	.	.	63	63	.	.	.	.	361	550	602	1,513	107	106	61	273	7	341	168	515	474	996	893	2,364
390 Vordingborg	41,722	.	.	.	.	.	.	.	.	.	44	15	58	221	158	699	1,078	.	31	83	114	11	893	654	1,558	232	1,126	1,451	2,809
Sub-total	431,532	5	59	989	1,052	.	26	284	309	.	55	97	152	1,347	1,487	4,359	7,193	118	195	1,603	1,916	162	3,627	5,779	9,568	1,631	5,449	13,111	20,191
East Zealand																													
253 Greve	2,370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	93	34	127	.	93	34	127
259 Køge	13,258	5	.	.	5	.	.	.	.	.	.	8	8	.	17	105	122	.	14	88	102	194	43	102	340	199	75	303	576
265 Roskilde	11,430	.	.	23	23	.	.	.	.	.	.	.	.	.	6	536	541	.	.	.	.	.	116	232	348	.	121	791	912
269 Solrød	2,118	.	.	.	.	.	.	.	.	.	.	.	.	.	.	120	120	.	.	.	.	.	.	28	28	.	.	148	148
350 Lejre	15,074	.	76	928	1,005	.	.	.	.	.	.	65	65	.	0	92	92	.	1	86	86	57	165	631	853	57	242	1,802	2,101
Sub-total	44,251	5	76	952	1,033	.	.	.	.	.	.	72	72	.	23	852	875	.	15	174	188	251	418	1,028	1,696	256	531	3,077	3,865
In total	475,783	10	135	1,940	2,086	.	26	284	309	.	55	170	224	1,347	1,510	5,211	8,068	118	210	1,776	2,104	412	4,045	6,807	11,264	1,888	5,980	16,188	24,055

The organic area figures at the municipal level, cf. Tables 14-18, form the basis for the illustration of the size of the share of the farmland area that is organic within each municipality. Figure 10 illustrates the organic share at the municipal level. Translation of text in the figures: Økologi andel = organic share, mindre end = less than, mellem = between, over = more than

FIGURE 10. Share of organic cultivated area as of 31 May 2017 in relation to the total farmland area per municipality.



The categorisation of all of the farms in accordance with production activity and the farms' areas' geographical location forms the basis for Figures 11-16. Illustrated here is the size of the share of the individual municipality's organic area that is associated with farms under the defined production activity: Dairy farming, pig farming, poultry farming, horticulture, farms with several production activities and farms with other production activities.

FIGURE 11. The share of the area used for dairy farming in relation to the total organic area per municipality.

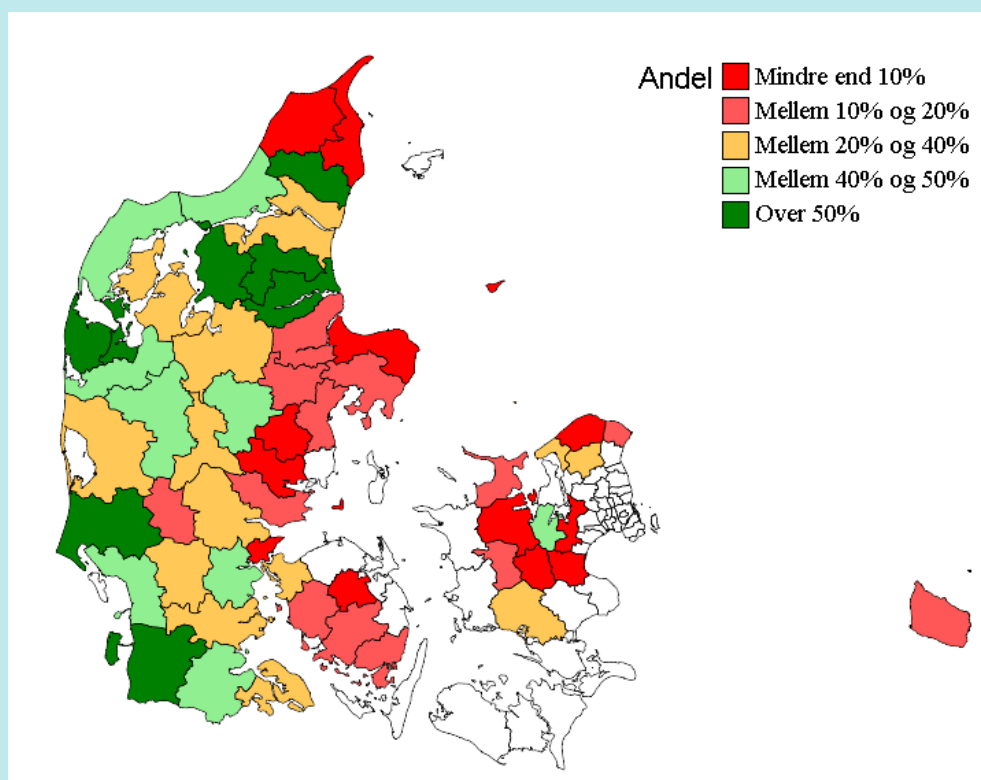


FIGURE 12. The share of area used for pig farming in relation to the total organic area per municipality.

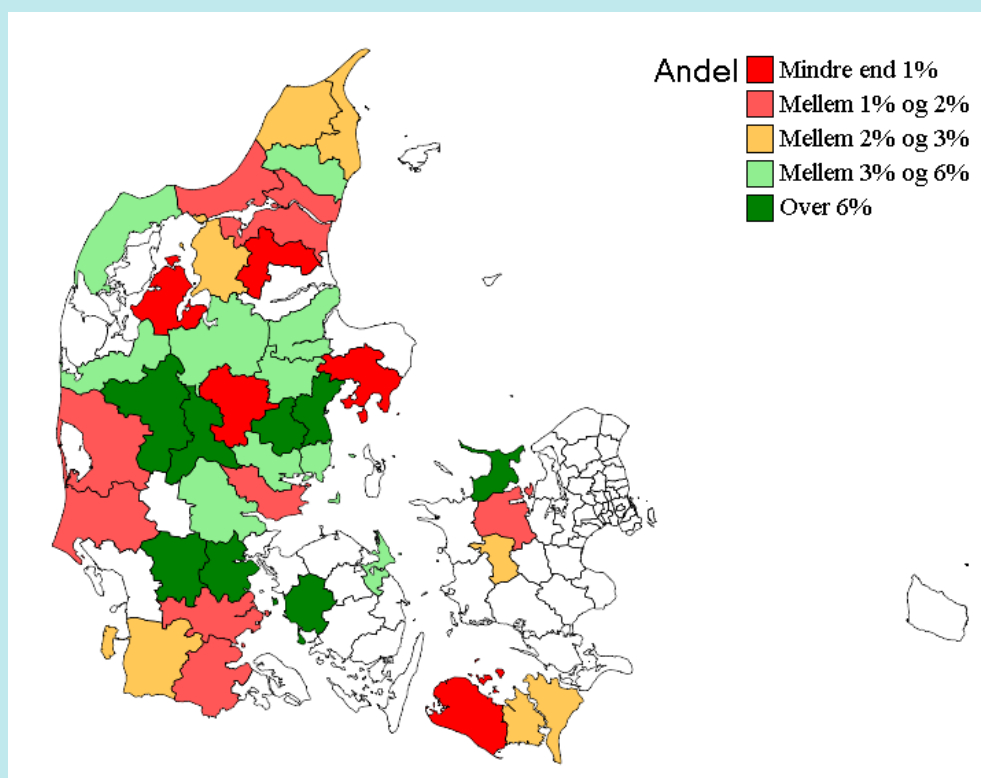


FIGURE 13. The share of area used for poultry farming in relation to the total organic area per municipality.

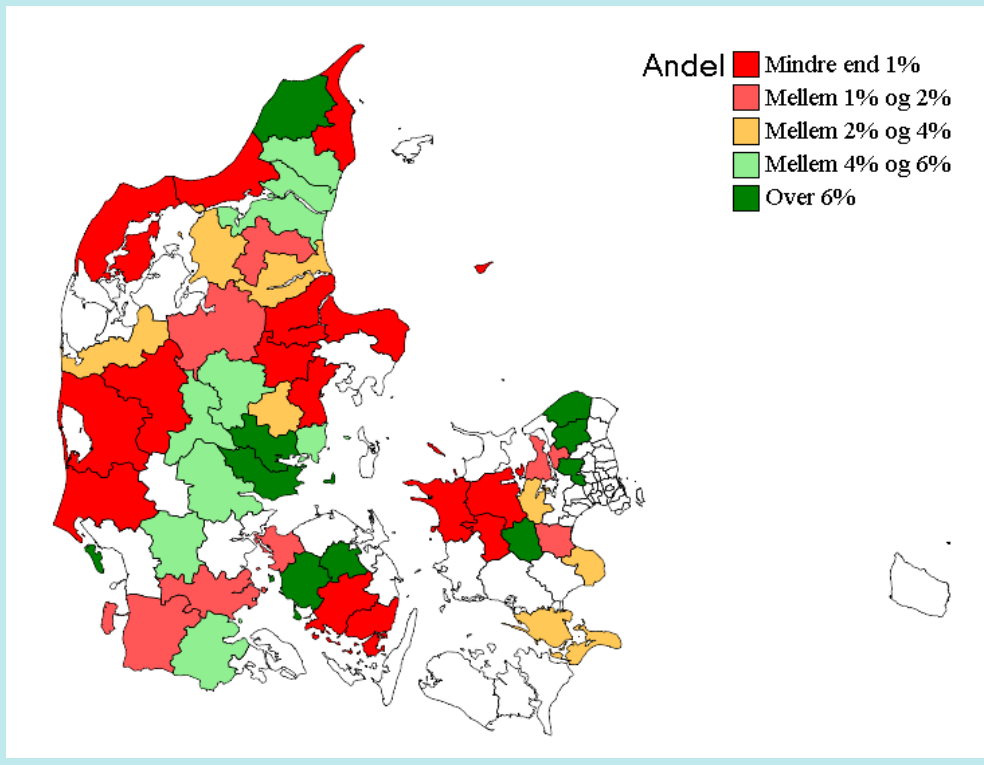


FIGURE 14. The share of area used for horticulture in relation to the total organic area per municipality.

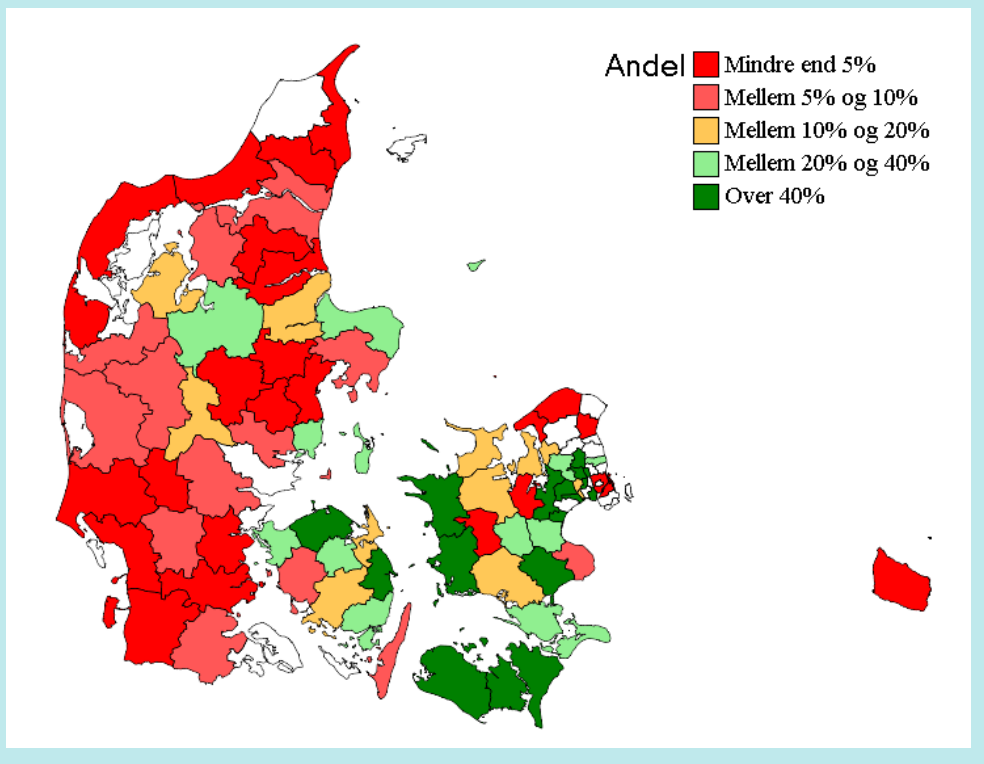


FIGURE 15. The share of area used at farms with several production activities in relation to the total organic area per municipality.

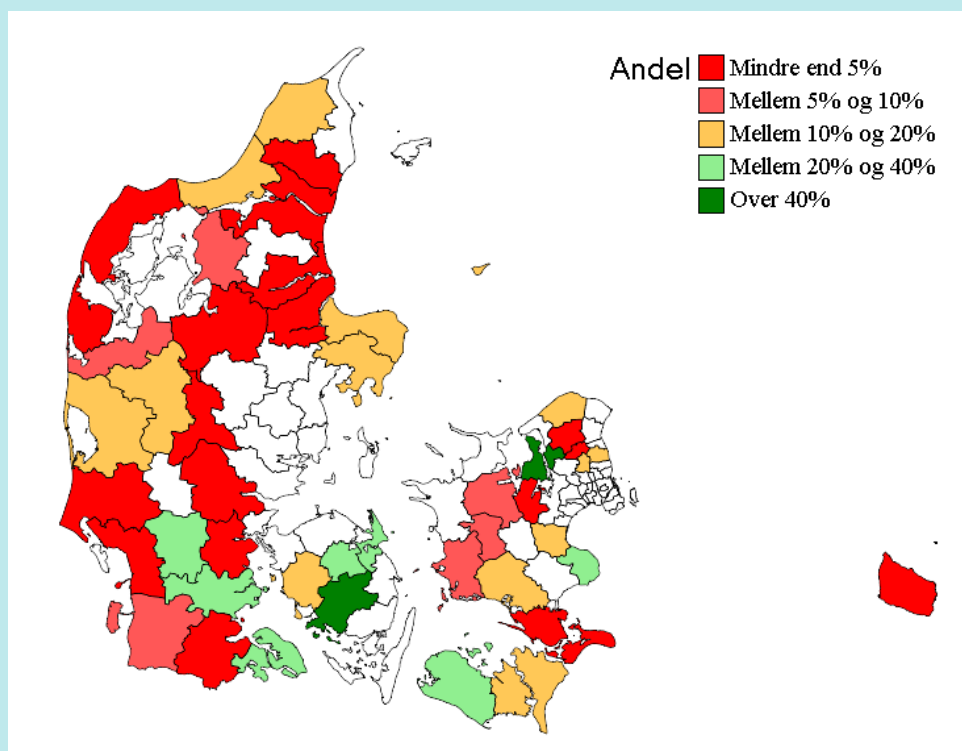
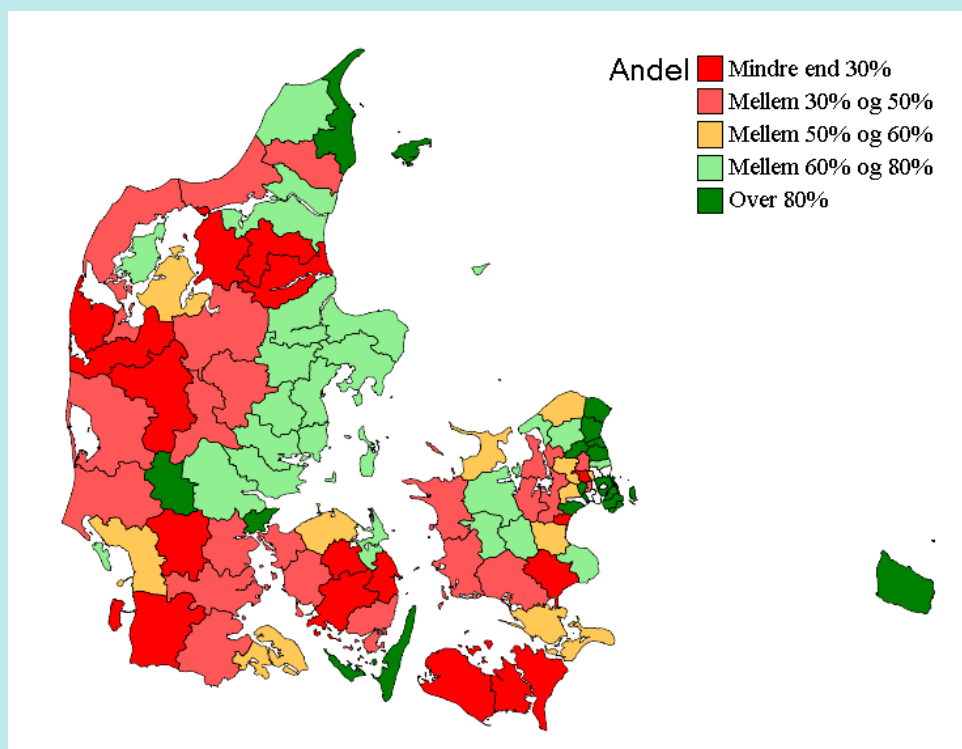


FIGURE 16. The share of area used at farms with other production activities in relation to the total organic area per municipality.



Appendix

In regard to all three appendixes with the preparation of the 2017 statistics, only analyses based on data in 2017 have been carried out. The tables and figures that show statistics for previous years use data from the previous year's reports and have in general been repeated in the 2017 report, unless otherwise stated. Data from 1989 to 2000 is stored in obsolete systems and can no longer be accessed and thus cannot be verified.

Appendix A.1 shows the development in the total number of organic farms and the organic status for the production areas that were applicable at the time for the figures in the individual year.

Appendix A.2 shows the total number of organic producers per calendar year, and the net increase and decrease, partly in the form of a table with figures since 1989, and partly as a figure with the calculated monthly figures from 2012 until the publication date for this report. The figure illustrates interest in conversion to organic production in connection with the "Fællesskema" register application round with deadline at the end of April 2015, 2016 and 2017, and in connection with an extra round with deadline on 1 September in the same years.

Appendix A.3 shows the geographical distribution of the total number of organic producers and their organic production area. In addition, the average size of the farm is calculated up to and including 2015, where both the figures for the total number of farms and associated areas were based on the applicants' addresses. From and including 2016, the fields' geographical location is associated with the municipalities and regions via the field blocks' physical location (Table A.3.2). The farms' registered addresses form the basis for the geographical location of the farms in Table A.3.1, regardless of whether the farms have areas located geographically in other municipalities. Table A.3.3 is therefore updated solely using the average farm size on a national basis.

A.1 Development in the total number of organic farms and areas

TABLE A.1. Development in the total number of organic farms and organic status of the associated production areas.

Registration year	Farms, total	Organic areas, ha	Area under conversion, ha (2nd + 1st year)		Conversion not yet started, ha	Production area in total, ha
1989	401	5,565	2,719		1,270	9,554
1990	523	7,973	3,062		546	11,581
1991	672	10,477	6,678		808	17,963
			2nd year under conversion ^a	1st year under conversion ^b		
1992	675	10,446	5,708	1,984	515	18,653
1993	640	16,759	1,626	1,376	329	20,090
1994	677	16,387	1,031	3,269	457	21,145
1995	1,050	17,032	3,668	17,634	2,550	40,884
1996	1,166	20,193	17,826	6,970	1,180	46,171
1997	1,617	37,033	7,109	15,822	4,366	64,329
1998	2,228	44,102	18,203	30,894	5,962	99,163
1999	3,099	60,232	36,924	39,473	10,056	146,685
2000	3,466	93,354	43,561	20,745	7,597	165,258
2001	3,525	131,986	24,635	11,756	5,120	173,497
2002	3,714	148,301	16,241	9,808	4,009	178,359
2003	3,510	149,157	12,277	3,714	2,876	168,022
2004	3,166	149,401	5,707	1,773	3,327	160,209
			Crops under conversion ^a	Crops non organic or under conversion ^b		
2005 ^c	2,892	139,352	6,284	1,846	3,333	150,815
2006	2,662	133,046	5,032	2,941	3,284	144,303
2007	2,607	133,947	7,516	3,930	4,814	150,207
2008	2,682	139,021	11,084	10,684	5,949	166,738
2009	2,626	139,537	16,893	6,563	7,351	170,346
		Fully converted organic area, ha	Area with organic crop, crops under conversion, or non-organic crop, ha ^d		Conversion not yet started, ha	Organic production area in total, ha
2010 ^e	2,602	150,858	18,135		4,519	173,513
2011	2,601	157,733	11,858		8,247	177,838
2012 ^f	2,680	163,526	17,146		2,258	182,930
2013	2,627	165,006	15,872		839	181,717
2014	2,557	159,973	15,334		1,016	176,323
2015	2,636	158,492	17,564		3,751	179,808
2016	3,173	161,972	43,681		11,141	216,794
2017	3,469	170,343	67,460		7,356	245,159

^a The area is under conversion. The crops can be sold as conversion crops.

^b The area is under conversion. Depending on the harvesting time in relation to the conversion date, the crops can either be considered as conversion crops or as non-organic crops.

^c The way the figures are arrived at changed from 2005, since from 2005 only the total number of farms as of 5 May of the same year are included, which forms the basis for the area size.

^d The crop can either be considered as a conversion crops or as a non-organic crop. The crop's status depends on the crop's conversion date and the area's conversion date in relation to the figures' date in May.

^e Note that the calculation method was changed in 2010, the figures for the conversion and non-organic crops are added together.

^f The total number of farms and their areas are not given for 5 May 2012, which was the practice since 2005. The data for 2012 is for 8 May, since the deadline for the registration by all farmers was moved to this date.

A.2 Development in the total number of organic farms

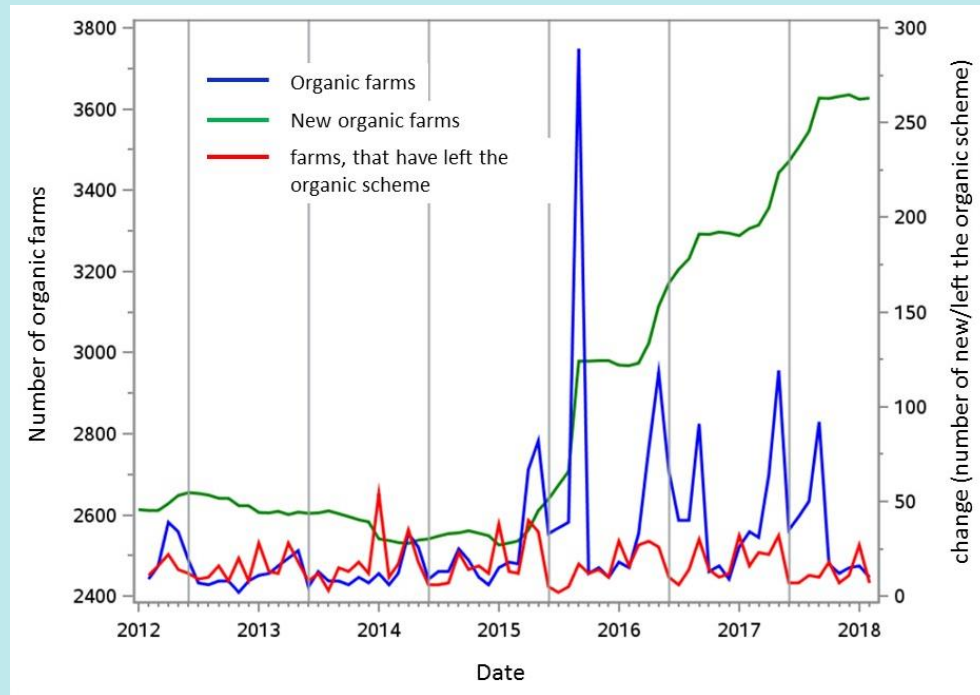
The total number of farms as of 31 December is not the same as the total number of farms that is stated in table A.1. This is because it is possible to apply for authorisation and cease to be an organic producer throughout the year. The development in the number of new organic producers and organic producers who have ceased, and the total number of organic producers on a monthly basis is illustrated in Figure A.2.1.

TABLE A.2.1. Development in organic farms that have joined or left the organic scheme over the calendar year for the years 1989–2017.^a

Year	Joined (new applicants and change in producers)	Left (ceased, change in producer, cancelled applications and withdrawn authorisations)	Total number farms that are authorised or which have applied for authorisation as of 31 December
1989	194	12	401
1990	166	44	523
1991	213	64	672
1992	67	64	675
1993	43	78	640
1994	98	62	676
1995	417	44	1,050
1996	161	45	1,166
1997	499	48	1,617
1998	670	59	2,228
1999	950	79	3,099
2000	450	83	3,466
2001	276	217	3,525
2002	241	52	3,714
2003	62	266	3,510
2004	86	430	3,166
2005	110	240	3,036
2006	103	345	2,794
2007	253	212	2,835
2008	105	189	2,751
2009	103	165	2,689
2010	103	121	2,671
2011	107	108	2,670
2012	166	169	2,619
2013	148	208	2,559
2014	184	207	2,536
2015	639	196	2,979
2016	543	221	3,301
2017	550	216	3,635

^a The data in table A.2.1 comes from case processing of applications for authorisation and notification of termination as an organic producer during the calendar year 2017. Data from 2011 and earlier is carried through from corresponding years' statistics. The data from 2012 to 2016 has been updated with corrected figures as a consequence of case processing of organic authorisations after the ruling dates throughout the year.

FIGURE A.2.1. The development in organic farms that are registered and deregistered from the organic scheme across the calendar year from the beginning of 2012 to the beginning of 2018, is calculated on a monthly basis. The blue curve illustrates the total number of farms that have applied for authorisation per month. The red curve illustrates the total number of farms that have left the organic scheme. The green curve illustrates the total number of organic producers. The vertical lines state the time of the data figures for the statistics, 31 May every year.



A.3 The development in the total number of organic farms and associated registered production area

TABLE A.3.1. The total number of organic farms with registered production area, distributed by the farms' addresses, cf. authorisation application.

Year	Jutland	Fyn	Zealand	Organic farms in total		
1990	281	62	180	523		
1991	380	77	215	672		
1992	380	76	219	675		
1993	362	67	211	640		
1994	406	65	206	677		
1995	710	82	258	1,050		
1996	782	91	293	1,166		
1997	1,121	118	378	1,617		
1998	1,610	133	485	2,228		
1999	2,321	160	618	3,099		
2000	2,547	197	722	3,466		
2001	2,589	203	740	3,532		
2002	2,718	220	776	3,714		
2003	2,536	220	754	3,510		
2004	2,160	195	679	3,034		
2005	2,091	176	625	2,892		
2006	1,898	159	605	2,662		
Year	North Denmark Re- gion	Central Denmark Re- gion	Region of Southern Denmark	Capital Region of Denmark	Region Zealand	In total
2007	404	815	810	185	393	2,607
2008	417	854	820	183	408	2,682
2009	415	809	819	183	400	2,626
2010	406	806	816	173	401	2,602
2011	409	793	828	169	402	2,601
2012	406	805	872	173	408	2,664 ^a
2013	404	781	852	174	408	2,619 ^b
2014	391	745	808	175	398	2,517 ^c
2015	426	734	793	198	408	2,559 ^d
2016 ^e	647	881	894	215	446	3,083 ^f
2017	709	961	962	247	492	3,371 ^g

^a There were 16 farms that either had landless production or did not register on time in 2012.

^b Public authorities with several auth. nos. (8 numbers) are allocated the same geographical location.

^c Public authorities with several auth. nos. (8 numbers) from 2014 are allocated their individual geographical location.

^d Out of 2,636 organic farms, 77 had not registered their data in the "Fællesskema" register in 2015. A total of 2,559 organic farms had registered fields in 2015.

^e From 2016, the farms' registered addresses form the basis for the geographical location of the farms.

^f Out of 3,173 organic farms, 58 had not registered their data in the "Fællesskema" register in 2016 and 32 organic producers had not registered fields (landless production); a total of 3,083 organic farms had registered fields in 2016.

^g Out of 3,469 organic farms, 57 had not registered their data in the "Fællesskema" register in 2017 and 41 organic producers had not registered fields (landless production); a total of 3,371 organic farms had registered fields in 2017.

TABLE A.3.2. Registered organic production area (ha), including fully converted organic area, area under conversion and area not yet started conversion.

Year	Jutland	Fyn	Zealand	Organic farms in total		
1990	7,212	923	3,446	11,581		
1991	12,697	1,014	4,252	17,963		
1992	13,209	1,075	4,369	18,653		
1993	14,782	980	4,328	20,090		
1994	15,482	986	4,677	21,145		
1995	33,635	1,308	5,941	40,884		
1996	37,651	1,510	7,010	46,171		
1997	53,637	1,867	8,825	64,329		
1998	85,806	2,323	11,033	99,163		
1999	128,559	3,131	14,995	146,685		
2000	140,811	4,641	19,805	165,258		
2001	146,250	5,104	20,586	171,940		
2002	150,245	5,209	22,985	178,439		
2003	140,424	4,785	22,945	168,154		
2004	133,235	4,704	22,270	160,209		
2005	126,226	3,997	20,592	150,815		
2006	120,606	3,899	19,798	144,303		
Year	Capital North Denmark Region	Capital Denmark Region	Capital of Southern Denmark	Capital Capital Region of Denmark	Region Zealand	In total
2007	24,624	51,808	54,713	7,123	11,939	150,207
2008	27,652	58,012	59,152	7,535	14,387	166,738
2009	29,534	57,790	60,300	7,837	14,885	170,346
2010	30,114	58,917	61,761	7,044	15,676	173,513
2011	31,365	60,350	62,597	7,536	15,990	177,838
2012	32,191	60,700	65,861	7,560	16,619	182,930
2013	32,715	59,475	65,701	7,725	16,102	181,717
2014	32,096	58,350	61,845	7,749	16,283	176,323
2015	33,126	56,733	63,217	10,110	16,622	179,808
2016 ^a	45,349	68,426	72,951	10,773	19,296	216,794
2017	52,844	76,620	79,883	10,676	24,055	245,159

^a The figures for 2016 and after are based on the registered fields' field block location in the municipality. This differs from previous year's statistics where the farms' registered address formed the basis for the geographical location of the areas.

Table A.3.3. Average registered organic production area (ha) per farm

Year	Jutland	Fyn	Zealand	Whole of Denmark		
1990	15.7	14.9	19.1	22.1		
1991	33.4	13.2	19.8	26.7		
1992	36.7	14.1	19.1	27.6		
1993	40.8	14.6	20.5	31.4		
1994	38.1	15.2	22.7	31.2		
1995	47.4	16.0	23.0	38.9		
1996	48.1	16.6	23.9	39.6		
1997	48.0	15.8	23.3	39.8		
1998	53.3	17.5	22.7	44.5		
1999	55.4	19.6	24.3	47.3		
2000	55.2	23.6	27.4	47.7		
2001	56.5	25.1	27.9	48.9		
2002	55.3	23.7	29.6	48.0		
2003	55.4	21.8	30.4	47.9		
2004	61.7	24.1	32.8	52.8		
2005	60.4	22.7	33.0	52.2		
2006	63.5	24.5	32.7	54.2		
Year	North Denmark Region	Central Denmark Region	Region of Southern Denmark	Capital Region of Denmark	Region Zealand	Whole of Denmark
2007	61.0	63.6	67.5	38.5	30.4	57.6
2008	66.3	67.9	72.1	41.2	35.3	62.2
2009	71.2	71.4	73.6	42.8	37.2	64.9
2010	74.2	73.1	75.7	40.7	39.1	66.7
2011	76.7	76.1	75.6	44.6	39.8	68.4
2012	79.3	75.4	75.5	43.7	40.7	68.7
2013	81.0	76.2	77.1	44.4	39.5	71.7
2014	82.1	78.5	77.1	44.5	41.2	70.3
2015	77.8	77.3	79.7	51.1	40.7	70.3
2016 ^a	-	-	-	-	-	69.6
2017	-	-	-	-	-	72.7

^a From 2016 and after, the figures for the areas' geographical location are based on the registered fields' field block location in the municipality and region. The farms' registered addresses form the basis for the geographical location of the farms, regardless of whether the farms have areas located geographically in other municipalities. The table will therefore be updated solely using the average farm size on a national basis.



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