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Explanation of symbols:

p. = preliminary data

.. = data not available

AVERAGE NUMBER OF ANIMALS IN FARMS

Animals pcs/farms	2012	2018 ¹⁾	2019 ¹⁾
Pigs	1 175	1 887	2 038
Cattle	70	91	95
Poultry	32 412	32 506	34 272

Source: Natural Resources Institute Finland / Number of Livestock

¹⁾ The definition of an agricultural and horticultural enterprise was revised in 2013. The figure for 2012 has been counted retrospectively.

LIVESTOCK

In thousands	1995	2005	2018	2019
Horses	50	64	74	74
Cattle	1 148	959	882	858
dairy cows	399	319	271	262
suckler cows	29	35	60	60
Sheep ¹⁾	159	87	155	145
ewes	69	52	76	72
lambs and rams	90	35	80	72
Pigs ²⁾	1 400	1 401	1 089	1 072
sows	161	177	83	82
fattening pigs	451	460	508	495
piglets	476	451	477	475
Poultry ³⁾	10 358	10 538	14 140	14 360
hens	4 179	3 128	3 985	3 900
broilers	4 276	5 472	8 781	9 112
turkeys	80	495	299	263
Goats	6	7	5	6
Reindeer ⁴⁾	208	207	185	185

Source: Natural Resources Institute Finland / Number of Livestock, Statistics Finland, The Finnish trotting and breeding association

¹⁾ From 2015 onwards, the number of sheep is not directly comparable to the previous years.

²⁾ The definitions of pigs changed from 2015. Only class 'Pigs' is comparable with previous year.

³⁾ From 2016 onwards, the number of poultry is not directly comparable to the previous years.

⁴⁾ Calculated reindeer that have been left to live + calves.

HENNERIES

Henneries type	% of egg production		
	2010	2018	2019
Enriched cage	89	59	58
Floor	9	33	32
Outdoor ¹⁾	..	2	2
Organic	2	7	8

Source: Finnish Poultry Association

¹⁾ Before 2018 outdoor henneries were compiled as part of floor henneries.

BARN TYPES 2019

	Number of barns	%	Cows	%	Average number of cows/ farm
Tie stall barn	2 307	59	68 518	36	29.7
Free stall barn	1 636	41	123 790	64	75.7
Total	3 943 ¹⁾	100	192 308	100	48.8

Source: ProAgria

¹⁾ All cows are not included.

Tie stall barn: Cow is connected to stall from its head.

Stall barn: Cows are on the loose in a building where they have separate feeding and resting area. Cows are milked in a milking station or by a robot.

GRAZING AND TIME OUTDOORS

Cattle	2010	%	2019	%
	no.		no.	
Graze in the summer, time outdoors in the winter	455	7.9	389	9.4
Graze in the summer, indoors in the winter	3 895	67.8	2 523	60.7
Fenced walking area in the summer, time outdoors in the winter	103	1.8	99	2.4
Fenced walking area in the summer, indoors in the winter	347	6	248	6.0
Indoors in the summer and in the winter	946	16.5	896	21.6
Total	5 746	100	4 155	100

Source: ProAgria

MILKING MACHINES 2019

Milking machine type	Farms	%
Pipeline milking	2 473	56.0
Milking station	1 051	24.0
Robotic milking	823	19.0
Bucket milking machine	28	1.0
Total	4 375	100.0

Source: ProAgria

AVERAGE YIELD PER COW AND MILK CONTENTS 2019

Breed	Cows number	Average output kg/cow	Milk contents %			
			Pro- tein	Fat	ECM ¹⁾	Cells ²⁾
Ayrshire	83 371	9 394	3.63	4.49	10 138	166
Holstein	92 346	10 511	3.52	4.22	10 969	174
Finncattle	1 626	6 413	3.47	4.41	6 817	191
Eastern Finncattle	197	4 150	3.45	4.29	4 367	199
Western Finncattle	1 091	7 098	3.48	4.45	7 586	182
Northern Finncattle	338	5 521	3.41	4.29	5 759	228
Jersey	945	8151	3.92	5.21	9 720	192
Other	499	9362	3.51	4.22	9 814	155
All	178 969	9 937	3.57	4.34	10 534	171

Source: ProAgria

¹⁾ Energy-corrected milk output (milk's butterfat, protein and lactose content is taken into account).

²⁾ Somatic cell count, geometric mean 1 000 pcs/ml.

PROTECTION OF ANIMALS INSPECTIONS BASED ON SAMPLE

Item	Inspections			Cases of neglect		
	2011	2018	2019	2011	2018	2019
Pigs	52	22	32	13	6	13
Cattle	362	209	171	97	22	58
Poultry	26	1	0	5	1	0
Broiler chickens	..	4	7	..	1	0
Goats	12	1	5	0	0	0
Ducks and geese	8	..	..	0	..	..
Sheep	32	21	99	8	0	20

Source: Finnish Food Authority

PREVENTION OF CRUELTY TO ANIMALS INSPECTIONS IN COMMERCIAL ANIMAL DELIVERIES

	2005	2011	2018	2019
Inspections (no.)	451	387	382	424
Cases of neglect (%)	24	16	6	12

Source: Finnish Food Authority

FARMS RECEIVING ANIMAL WELL-BEING SUBSIDIES ¹⁾

Number of farms	2017	% of farms	2018	% of farms	2019	% of farms
Beef farms	4 841	52	4 787	53	4 619	54
Pork farms	773	72	746	73	708	73
Sheep/goat farms	307	47	311	47	314	50
Poultry farms	357	75	358	75	345	75

Source: Finnish Food Authority

¹⁾ Subsidised farms.

% of farms that are able to apply for well-being allowance (sufficient number of animals).

IMPLEMENTATION OF ANIMAL WELFARE ON PIG AND COW FARMS

	Health care agreement with a vet				Coverage %		At special level ¹⁾		At national level ²⁾		At basic level ³⁾		Passive ⁴⁾		Health care visits	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Pig farms (places of keeping pigs)	1 119	1 080	89	98	38	37	964	919	44	61	62	55	4 752	4 643		
Cow farms	7 560	7 357	71	75	..	..	..	..	..	..	..	..	10 694	11 356		

Source: ETT (the Association for Prevention of Animal Diseases), Sikava (Health Classification Register for Pig Farms) and Naseva (Health Classification Register for Cow Farms)

¹⁾ Meets the voluntary special requirements set by the industry for pig breeding farms www.sikava.fi.

²⁾ Meets the voluntary health care requirements set by the industry.

³⁾ Some of the voluntary national requirements are not met.

⁴⁾ Empty pens.

Amount of pens in different healthcare levels at end of each year.

RESPONSIBLE PRODUCTION LIMIT VALUES IN PORK PRODUCTION

Year	Farms num	Farms ¹⁾		RPI exceeded ¹⁾ . fattening pigs			RPI exceeded ¹⁾ . sows	
		RPI sub- exceeded	RPI ex- ceeded	whole carcass	part- carcass	mor- tality	whole carcass	mor- tality
2018	1 083	92.8	7.2	1.4	2.6	3.1	0.7	1.4
2019	1 051	91.5	8.5	2.2	2.4	2.8	1.6	1.0

Source: Animal Health ETT, Sikava (Health classification register for pig farms)

RPI (responsible production indicator) is part of the national pork production criteria (sikava.fi/terveysluokitus). The values are inspected every six months. The limit for whole carcass condemnation: sows 7 % and fattening pigs 1.1 %. The limit for part-carcass condemnation: fattening pigs 12 %. The limit for mortality: sows 16 % and fattening pigs 4 %.

¹⁾ percentage of farms in proportion to all farms. The number of missing values is not specified.

USE OF ANTIMICROBIAL AGENTS IN FOOD-PRODUCING ANIMALS

	EU/EEA, average			Finland		
	2010 ²⁾	2015 ³⁾	2017 ³⁾	2010	2015	2017
mg/PCU ¹⁾	131	136	107	25	20	19

Source: The European Medicines Agency EMA, ESVAC

¹⁾ The sales in mg active ingredient sold per population correction (PCU, population correction unit, calculated by taking into consideration the most common food-producing animal species) Results for EU/EEA were calculated by dividing the total sales of veterinary antimicrobials in all participating countries by the combined PCU of these countries.

²⁾ Number of participating countries: 19

³⁾ Number of participating countries: 31

THE FOOTPAD DERMITITIS SCORE THAT REPRESENTS THE WELL-BEING OF BROILER CHICKENS

	2012	2018	2019
Share of flocks, %, with a score of less than 40	94.46	98.50	99.10
Share of flocks, %, with a score of 40–80	4.91	1.28	0.70
Share of flocks, %, with a score of more than 80	0.62	0.18	0.21

Source: Animal Health ETT

At least one footpad of a hundred chickens in every flock is analysed at the slaughterhouse. The seriousness of dermatitis is classified on a three-stage scale: 0, 1 and 2, where 0 refers to healthy footpad. Less than 40 points/flock is considered acceptable.

MEAN PRECIPITATION 1981–2019, mm

	spring	summer	autumn	winter
Helsinki	105	202	203	150
Jyväskylä	114	225	177	127
Oulu	84	192	134	95
Sodankylä	100	194	138	102

Source: Finnish Meteorological Institute

MEAN TEMPERATURES 1981–2019, °C

	spring	summer	autumn	winter
Helsinki	4.5	16.4	6.9	-3.2
Jyväskylä	2.6	14.9	3.8	-7.2
Oulu	1.7	14.8	3.4	-8.1
Sodankylä	-0.9	12.8	0.1	-12.3

Source: Finnish Meteorological Institute

WEATHER CONDITIONS DURING THE GROWING SEASON

	Effective temperature comparative period			Precipitation comparative period		
	2019	2018	1981–2010	2019	2018	1981–2010
Jokioinen	1 417	1 727	1 307	310	263	341
Kauhava	1 266	1 531	1 185	241	211	286
Oulu	1 130	1 448	1 170	242	259	257
Sodankylä	841	1 147	795	182	252	227

Source: Finnish Meteorological Institute

DAY LENGTH, hours

	spring	summer	autumn	winter
Helsinki	14.5	17.5	10.2	7.2
Kauhava	14.9	18.4	9.9	6.4
Oulu	15.3	19.1	9.7	5.8
Sodankylä	15.8	21.1	9.3	4.3

Source: Finnish Meteorological Institute

CROP

	1995	2005	2018	2019
Wheat				
area (in 1 000 ha)	101	215	178	198
total yield (M kg)	380	801	495	902
yield kg/ha	3 770	3 730	2 780	4 560
Rye				
area (in 1 000 ha)	21	14	16	38
total yield (M kg)	58	32	42	183
yield kg/ha	2 770	2 290	2 580	4 820
Barley				
area (in 1 000 ha)	516	594	405	398
total yield (M kg)	1 764	2 103	1 336	1 170
yield kg/ha	3 420	3 540	3 300	4 230
Oats				
area (in 1 000 ha)	329	345	289	298
total yield (M kg)	1 097	1 073	818	1 170
yield kg/ha	3 330	3 110	2 830	3 930
Sugar-beets				
area (in 1 000 ha)	35	31	10	11
total yield (M kg)	1 110	1 181	355	501
yield kg/ha	31 900	37 870	36 270	47 640
Oil plants				
area (in 1 000 ha)	85	77	53	32
total yield (M kg)	128	106	71	42
yield kg/ha	1 500	1 380	1 330	1 330
Peas				
area (in 1 000 ha)	5	4	9	12
total yield (M kg)	11	8	20	34
yield kg/ha	2 420	93	2 350	2 860
Potatoes				
area (in 1 000 ha)	36	29	21	21
total yield (M kg)	798	743	600	619
yield kg/ha	22 110	25 700	28 060	28 930
Vegetables				
total yield (M kg)	234	248	257	257 ¹⁾
tomatoes	31	38	39	40
cucumber (greenhouse)	24	32	45	48
cabbage	24	19	19	19 ¹⁾
carrots	61	67	67	77
onions	17	21	24	31
Potted vegetables (M pcs)	30	64	116	116 ¹⁾

Source: Natural Resources Institute Finland / Crop production statistics

¹⁾ Data from 2018.

USE OF ARABLE LAND

	1995 1 000 ha	2005 1 000 ha	2018 ¹⁾ 1 000 ha	2019 ¹⁾ 1 000 ha
Grassland	755	620	763	786
Cereals. total	978	1 188	1 040	1 066
wheat	101	215	190	206
rye	21	14	17	38
barley	516	595	463	455
oats	329	346	324	319
mixed grain	11	16	42	41
other cereals	1	1	1,7	3,5
Oil plants	85	77	58	37
Sugar-beets	35	31	10	11
Potatoes	36	29	22	22
Other crops	29	49	104	101
Area in production	1 918	1 993	1 996	2 023
Fallow	223	241	246	222
Cultivated area	2 141	2 235	2 242	2 245

Source: Natural Resources Institute Finland / Utilised Agricultural Area 2013–2019

¹⁾ Includes only enterprises that exceed the threshold value (SO 2000 EUR).

	1995 ha	2005 ha	2018 ha	2019 ha
Mean arable land	22	33	48	49

Source: Natural Resources Institute Finland / Average utilised agricultural area of agricultural and horticultural enterprises

VOLUME OF PESTICIDES SALES

	1995	2005	2017	2018
Active ingredient sales (tonnes)				
fungicides	114	255	195	171
agricultural insecticides	57	47	33	22
agricultural herbicides	791	1 077	1 007	982
growth regulations	73	52	92	68
Product sales (tonnes)				
fungicides	236	718	732	665
agricultural insecticides	160	147	168	169
agricultural herbicides	1 768	2 639	2 544	2 697
growth regulations	131	107	182	156

Source: Finnish Safety and Chemicals Agency, Eurostat

PESTICIDE RESIDUE CONTROL 2017¹⁾

Source of sample	Random samples	Non-compliant %
Domestic	575	0.0
EU	920	0.04
Outside of EU	420	0.08
Total	1 915	3.4

Source: Finnish Food Authority

¹⁾ Samples from fruits, plants, grains, processed foodstuffs, baby food and products of animal origin.

ORGANIC PRODUCTION AREA AND NUMBER OF ORGANIC FARMS

Area, ha	1995	2005	2018	2019
Certified organic area, ha	23 139	135 223	235 065	257 650
In-conversion area, ha	21 557	12 364	61 581	49 106
Total organically farmed area, ha	44 696	147 588	296 645	306 756
Percentage of organically farmed area of the total area of production %	..	6.7	13,1	13,5
Organic farm size, ha/farm	20	34	59	61
Organic farms, number	2 793	4 296	5 039	5 129
Percentage of organically farmed area of the total area of production % EU 28	..	3.6 ¹⁾	7,5	..
Total organically farmed area, EU 28	..	6 475 828 ¹⁾	13 437 272	..

Source: Finnish Food Authority, Eurostat

¹⁾ The 2005 figure is for the EU 27.

NUMBER OF ORGANIC PRODUCERS

	2008	2011	2018	2019
Organic primary production ¹⁾	3 758	3 975	4 988	4 990
from which organic animal farms	511	643	1037	1036
Organic foodstuff producers	401	487	749 ²⁾	784 ²⁾
Organic feedstuff producers	16	33	44	39
Organic seed packing plants	..	31	28	31
Total	4 175	4 526	5 934	6 012
Organic primary production EU 28	..	..	297 442 ³⁾	..

Source: Finnish Food Authority, Eurostat

¹⁾ Includes, in addition to farms, also greenhouse, mushroom farms and beekeepers.

²⁾ This figure includes subcontractors.

³⁾ In 2018.

USE OF ARABLE LAND ON ORGANIC FARMS

Certified organic area, ha	1995 ¹⁾	2005	2018	2019
Grass	11 431	60 195	149 187	162 316
Cereals	8 158	46 362	61 503	67 053
wheat	724	6 629	6 206	6 950
rye	1 616	4 594	2 968	4 731
barley	2 118	6 760	6 459	7 548
oats	2 447	23 134	32 485	33 408
mixed : straw grains	302	2 798	3 296 ²⁾	3 456 ²⁾
mixed: legumes+straw grains	927	1 842	9 272 ²⁾	10 040
Peas	120	1 289	1 768	2 931
Buckwheat	23	185	584 ¹⁾	512
Caraway	9	355	232 ²⁾	322 ²⁾
Flax	22	277	47 ²⁾	43 ²⁾
Turnip rape	64	2 419	1 976	2 246
Potatoes	423	440	739	757
Vegetables, open land	197	211	527	1 140
Greenhouse vegetables	2	9	8	8
Leafherbs	17	16	8 ²⁾	55 ²⁾
Berries and fruit	256	800	771	811
Other crops	395	3 672	13 398	15 124
Fallow	2 022	19 178	4 317	4 323
Total	23 139	135 223	235 065	257 641

Source: Finnish Food Authority

¹⁾ Åland's data not included.²⁾ No production in Åland.

Figures for the traditional use of arable land are on page 12.

ORGANIC PRODUCTION

	2007 mil- lion kg	% of total product- ion	2018 million kg	% of total product- ion	2019 million kg	% of total product- ion
Beef	..	..	2.6	3	2.6	3.1
Pork	..	..	0.7	0.5	0.8	0.4
Lamb	..	..	0.4	24.8	0.3	25.3
Poultry	..	..	..	..	..	..
Eggs	1.1	2	4.7	6.2	5.2	6.9
Bread grain (wheat and rye)	18.2	2.1	14.2	2.6	28.0	3.2
Potato	3.7	0.5	13.5	2.2	12.5	2.0
Peas	1.2	18.8	3	14.7	3	14.7
Milk, million litres	26.8	1.2	69	3	74	3.3

Source: Pro Luomu, Natural Resources Institute Finland / Organic production statistics

In 2019, the market share of organic produce (€) in grocery trade was 2.6 %.

Source: Pro Luomu

NUMBER OF AGRICULTURAL AND HORTICULTURAL ENTERPRISES

Farm size Hectares of arable land	1995 pcs	2005 pcs	2018 ¹⁾ pcs	2019 ¹⁾ pcs	% of farms
0–5	9 988	5 228	1 480	1 401	3
5–10	17 049	8 765	6 246	6 268	13
10–15	16 918	8 481	4 987	4 885	10
15–25	25 634	13 989	7 968	7 793	17
25–50	23 870	19 660	11 700	11 256	24
50–75	4 508	7 549	6 109	5 973	13
75–100	1 209	3 116	3 554	3 526	8
100–150	622	1 990	3 331	3 347	7
150–	166	739	2 258	2 378	5
Total	99 964	69 517	47 633	46 827	100

Source: Natural Resources Institute Finland / Number of agricultural and horticultural enterprises by utilised agricultural area

In 1995 farms with over 1 ha arable land.

¹⁾ The definition of an agricultural and horticultural enterprise was revised. The figures cannot be compared with figures from previous years.

CHANGE IN NUMBER OF AGRICULTURAL AND HORTICULTURAL ENTERPRISES

Farms	2000	2018 ¹⁾	2019 ¹⁾	Change 18/19 %
pcs	78 434	47 633	46 827	-1.7 %

Source: Natural Resources Institute Finland / Number of agricultural and horticultural enterprises by production sector

¹⁾ After the definition reform in 2013, agricultural and horticultural enterprises include estates whose economic size is more than EUR 2 000.

OWNERSHIP OF AGRICULTURAL AND HORTICULTURAL ENTERPRISES

Category	1995 ¹⁾ pcs	2005 pcs	2018 ²⁾ pcs	2019 ²⁾ pcs	% of farms
Private individuals	86 933	61 477	41 013	40 212	86.0
Heirs	12 468	7 297	5 261	5 190	11.0
State, communes etc.	563	743	1 359	1 425	3.0
Total	99 964	69 517	47 633	46 827	100

Source: Natural Resources Institute Finland / The number of agricultural and horticultural enterprises by legal form

¹⁾ Only farms with over 1 ha of arable land.

²⁾ After the definition reform in 2013, agricultural and horticultural enterprises include estates whose economic size is more than EUR 2 000.

AGRICULTURAL LABOUR FORCE

Labour force in thousands	1995	2005	2018	2019
Farmers ¹⁾	116	73	56	56
of which women	37	22	15	15
Permanent employees	25	20	16	14
of which women	12	9	7	7
Total	141	93	72	70

Source: Statistics Finland / Labour force survey

¹⁾ Farmers and farmer family members total.

SPECIALIZATION IN AGRICULTURAL AND HORTICULTURAL ENTERPRISES

Number of farms	1995 ¹⁾	2010	2018	2019	%
Dairy farms	32 480	10 205	6 263	5 727	12.2
Other cattle husbandry	9 394	1 270 ²⁾	516	450	1.0
Beef farms	..	3 080	2 868	2 809	6.0
Pig farms	6 249	1 355	577	526	1.1
Poultry farms	2 239	375	435	419	0.9
Other grazing livestock ³⁾	..	3 544	2 160	2 107	4.5
Plant production	42 287	..	..	..	..
of which grain growing	..	20 927	15 197	14 926	31.9
Other plant production	..	13 092	15 533	15 788	33.7
Others	7 315	..	..	..	..
Greenhouse production	..	1 371	787	714	1.5
Outdoor horticultural production	..	1 696	1 402	1 346	2.9
Mixed production	..	2 568	1 895	2 015	4.3
Total	99 964	58 213	47 633	46 827	100

Source: Natural Resources Institute Finland / Number of agricultural and horticultural enterprises by production sector and ELY Centre

¹⁾ The figures cannot be compared with figures from 1995.

²⁾ Includes combined suckler cow production and cattle fattening.

³⁾ Includes sheep, goat and horse production.

INCOME OF AGRICULTURAL AND HORTICULTURAL ENTERPRISES PER PRODUCTION SECTOR

	Taxable income total spouses together			Farm economy's income spouses together		
	2000	2017	2018	2000	2017	2018
	€	€	€	€	€	€
Dairy farms	31 746	60 384	63 478	24 812	46 365	48 978
Other cattle farms	30 129	62 364	67 886	15 878	33 581	36 599
Poultry farms	45 752	96 765	127 393	28 624	58 754	63 599
Pig farms	41 644	73 513	79 931	28 421	45 854	50 094
Sheep, goats, horses	29 434	54 115	58 353	3 704	10 866	12 864
Crop farms (grain)	38 623	66 606	70 458	10999	16 460	19 122
Other crop farms	35 760	60 896	63 243	11 695	16 832	18 936
Other farms	28 901	61 088	58 705	6 524	15 884	15 360
Average	35 235	66 966	73 681	16 324	30 575	33 194

Source: Statistics Finland

AGRICULTURAL PRODUCTION COSTS

	2002	2005	2017	2018
	MEUR	MEUR	MEUR	MEUR
Material costs	1 572	1 569	2 010	2 054
Fertilizer, lime	194	186	224	222
Other crop production costs	256	309	404	435
Fuel and lubricants	176	209	293	298
Electricity	117	115	207	248
Forage costs	516	438	500	484
Livestock costs	313	322	383	367
Farm operating costs ¹⁾	368	312	401	412
Machinery cost	844	875	991	1 027
Depreciation of machines	502	543	504	498
Other machinery costs	342	332	487	529
Building costs	316	317	356	346
Depreciation of buildings	256	258	294	284
Other building costs	60	58	62	63
Other cost	693	731	938	952
Insurance cost paid	241	255	279	312
Fixed rents paid	102	101	187	163
Other depreciations	45	46	44	44
Other costs	305	328	411	432
Wages costs	1 835	1 775	1 359	1 391
Wages paid	166	185	282	305
Wages claim	1 669	1 590	1 078	1 085
Interest costs	597	621	532	562
Interest paid	127	112	116	119
Interest claim of equity	470	509	416	443
Total costs	6 226	6 199	6 587	6 744

Source: Luke / Total Calculation

Data: Luke Profitability bookkeeping results

¹⁾ Costs of feedstuff and seeds produced and used on the farm.

AGRICULTURAL GROSS RETURN

Income from	2002 MEUR	2005 MEUR	2017 MEUR	2018 MEUR
Crop revenues total	814	671	1 019	1 057
Rye and wheat	86	72	153	119
Barley	158	158	237	286
Oats and other cereals	147	81	162	182
Oilseeds	20	20	39	28
Grass crops	240	215	309	326
Potato and sugar beet	140	110	81	79
Pulses and other crops	23	15	38	37
Livestock revenues total	1 808	1 652	1 806	1 729
Cattle revenue	1 243	1 097	1 295	1 270
Pig production	348	348	263	242
Poultry revenues	212	175	219	191
Sheep, goat and horse revenues	5	5	29	26
Glasshouse and outdoor horticultural revenues total	464	523	758	910
Financial yields	17	13	10	16
Other income	155	170	202	243
The sum of subsidies	1 846	1 922	1 829	1 832
CAP subsidies	434	499	585	561
LFA- and environmental subsidies	714	738	826	837
National and investment subsidies	697	684	405	400
Gross return total	5 104	4 924	5 624	5 787

Source: Luke / Total Calculation

Data: Luke Profitability bookkeeping results

The value of feedstuff and seeds produced and used on the farm is included in the calculation.

ENVIRONMENTAL AID

Farms committed to environmental aid	2012	2019
Number	56 143	41 633
% of farms	91	85
% of areable area	90	90

Source: Finnish Food Authority

OTHER ENTREPRENEURSHIP ON AGRICULTURAL AND HORTICULTURAL ENTERPRISES

Number of farms	2000 ¹⁾	2005 ¹⁾	2010	2016
Industry	4 786	3 753	2 747	1 970
food processing	1 065	684	479	430
other agricultural products processing	134	152	94	80
timber processing	1 349	889	583	360
making handicrafts for sale	274	277	155	80
energy production	959	1 037	907	690
other industrial production	1 005	714	529	320
Construction industry	²⁾	881	438	330
Trade	1 056	1 298	850	670
Services	15 252	16 547	13 793	10 510
tourism, accommodation and recreation services	2 272	1 865	1 440	1 050
contracting	8 880	10 013	8 896	7 130
other services	4 100	4 669	3 457	2 330
Other primary production	744	1 815	981	790
fish, crayfish etc. farming	112	65	48	40
fur farming	632	510	315	220
reindeer husbandry	²⁾	573	365	250
fishing industry	²⁾	144	104	110
other primary production	²⁾	523	149	170
Farms whose line of business is unknown			721	..
Number of farms with other entrepreneurship	21 838	24 294	19 530	14 280

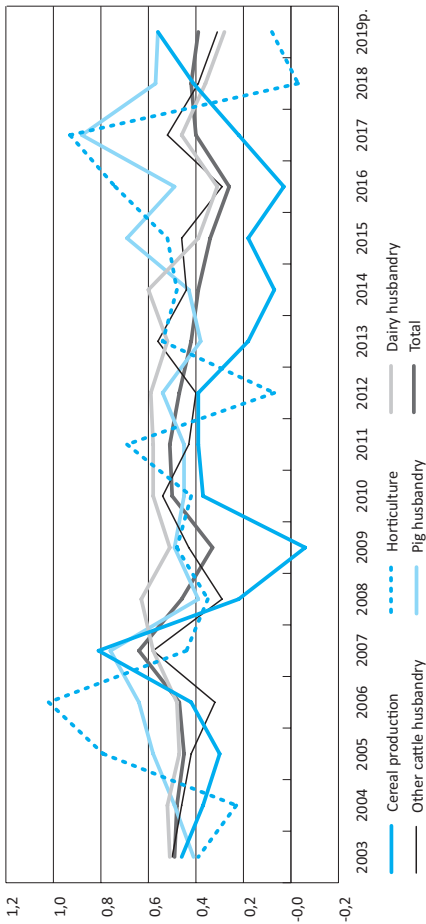
Source: Natural Resources Institute Finland / Other entrepreneurship in agriculture and horticulture

¹⁾ Figures for 2000 and 2005 do not include horticultural enterprises engaged exclusively in greenhouse production.

²⁾ The classification is somewhat different; the industry in question was not included in that particular year.

NB The line of business with the largest turnover.

PROFITABILITY COEFFICIENT ON THE FINNISH FARMS 2003–2019p.



Source: Luke / Total Calculation

Other

ENTREPRENEURIAL INCOME

	2000 MEUR	2010 MEUR	2015 MEUR	2017 MEUR	2018 MEUR
Entrepreneurial income	1 114	932	465	516	526

Source: Luke / Total Calculation

Data: Luke Profitability bookkeeping results

PRODUCER PRICES

Annual average		1995	2005	2018	2019	Change 18/19 %
Milk	c/ltr					
producer price ¹⁾		31.3	31.5	33.71	32.95	-2.3 %
surplus payment		1.5	2.2	0.57	0.87	34.5 %
Meat	€/kg					
beef		2.4	2.1	3.12	3.16	1.3 %
pork		1.3	1.3	1.52	1.58	3.8 %
chicken		1.1	1.1	1.32	1.36	2.9 %
lamb		1.9	2.6	3.78	3.77	-0.3 %
horse		1.3	0.3	..	..	
Eggs	€/kg	0.5	0.6	1.03	1.04	1.0 %
Grain and rootcrops						
wheat ²⁾	€/tn	147.0	106.2	193.84	174.26	-11.2 %
rye ²⁾	€/tn	149.5	118.4	180.64	167.74	-7.7 %
barley ²⁾	€/tn	122.3	99.5	171.94	166.20	-3.5 %
oats ²⁾	€/tn	118.4	87.1	177.85	170.51	-4.3 %
malt ²⁾	€/tn	142.1	115.3	179.03	156.06	-14.7 %
food						
potatoes ³⁾	€/100 kg	..	..	18.59	19.65	5.4 %
oil plants ²⁾	€/tn	..	200.1	355.16	366.09	3.0 %

Source: Natural Resources Institute Finland / Producer Prices of Agricultural Products

¹⁾ 1st class milk 4.3/3.3 %, without production aid.²⁾ The basic price paid to farmers, including transportation to the first reception point.³⁾ The price paid to farmers per 100 kg net, delivered to the packing facilities. Does not include early potatoes.

SUBSTITUTING FOR AGRICULTURAL ENTREPRENEURS

	2000	2005	2018	2019
MYEL ¹⁾ -insured agricultural entrepreneurs	105 993	90 007	57 459	52 849
Those using annual leave ²⁾	45 254	34 719	15 963	14 947
Those using substitutes	14 934	14 624	5 368	4 929
Those using substituting subject to subsidised charge	10 995	13 521	8 117	7 983
Those using substituting subject to total charge	643	314	332	293

Source: Mela

¹⁾ TYEL employee's pension insurance for farmers, forest owners, fishermen and reindeer herders and their families.

²⁾ To receive annual leave, a farmer must have at least four domestic animal units, and they must be a full-time agricultural entrepreneur.

AVERAGE AGE AND NUMBER OF AGRICULTURAL ENTREPRENEURS

	1995		2005		2019	
	aver. age	number	aver. age	number	aver. age	number
Agricultural entrepreneurs	45.1	142 000	47.6	90 000	49.1	55 000
Start-up entrepreneurs ¹⁾	29.9	70	29.8	760	28.6	200
Retiring entrepreneurs ²⁾	60.2	6 600	60.8	3 900	62.1	1 300
Recipients of farmers' early retirement aid ³⁾	57.8	560	58.6	1 420	60	280

Source: Farmers' Social Insurance Institution Mela, statistics based on data on agricultural entrepreneurs covered by insurance under the Farmers' Pensions Act (MYEL)

¹⁾ Entrepreneurs taking up farming through succession within the farmers' early retirement aid scheme.

²⁾ Covering those retiring on old-age, disability and unemployment pension.

³⁾ Those giving up farming through succession within the farmers' early retirement aid scheme.

MOST IMPORTANT REASONS FOR RETIREMENT ON DISABILITY PENSION AMONG AGRICULTURAL ENTREPRENEURS

%	1995	2005	2018	2019
Respiratory diseases	7	3	2	2
Mental illnesses	14	20	21	23
Musculoskeletal disorders	46	47	43	39
Injuries, poisonings, etc.	6	9	8	7
Cardiovascular diseases	15	8	8	8
Tumours	..	..	7	10
Nervous system disorders	..	..	7	7

Source: Farmers' Social Insurance Institution Mela

% = share of the entire year's disability pensions among agricultural entrepreneurs.

BEEKEEPING FIGURES

	2018	2019
The Finnish Beekeepers' Association members	2 750	2 850
Professional beekeepers ¹⁾	79	88
Organic beekeepers	58	63
Number of productive beehives	72 300	83 900
Number of organic beehives	4 488	5 083
Yield per beehive, kg	47	52
Honey production, tonnes	2 606	3 330
Imported honey, tonnes	2 003	1 800 ^{*)}
Honey consumption, tonnes	4 100	4 200 ^{*)}
Honey consumption, g/person	743	800 ^{*)}
Winter beehive losses ²⁾ , %	19	10

Source: Suomen Mehiläishoitajain Liitto SML ry (The Finnish Beekeepers' Association)

¹⁾ Beekeepers with more than 100 hives according to hive grant statistics.

²⁾ Percentage of bees that died during the winter.

^{*)} Source: Natural Resources Institute Finland / Balance sheet for food commodities

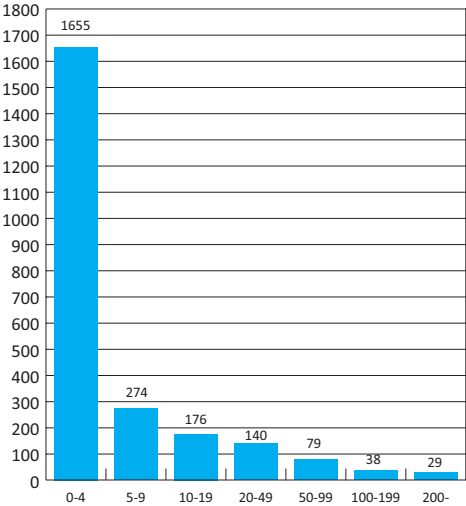
FOOD MANUFACTURERS BY SECTOR

Sector	2000		2014		2017	
	< 20 people	≥ 20 people	< 20 people	≥ 20 people	< 20 people	≥ 20 people
Slaughter and meat processing	330	50	385	42	391	44
Fish processing	243	13	300	15	313	19
Processing of vegetables, berries and fruit	373	22	433	27	437	28
Dairy processing	108	42	89	32	87	24
Milling industry	145	8	128	14	114	9
Bakeries	991	110	874	78	770	65
Production of beverages	85	14	128	19	105	11
Processing of other foodstuffs	330	48	343	43	389	53
Total	2 605	307	2 680	270	2 606	253

Source: aitojamakuja.fi Food Finland theme group

FOOD AND DRINK INDUSTRY PLANTS ACCORDING TO ENTERPRISE SIZE

Number of employees



Source: Statistics Finland

Food and drink industry is SME-based.

FOOD INDUSTRY KEY SECTORS

Sector	Number of plants		Employees total ¹⁾		Turnover 1 000 €		Turnover 1 000 € / employee	
	2017	2018	2017	2018	2017	2018	2017	2018
Slaughter and meat processing	242	229	8 104	8 175	2 498 218	2 515 374	308	308
Fish products	147	140	861	897	363 811	421 485	423	470
Fruit and vegetables	159	164	1 979	2 086	569 958	613 214	288	294
Processing and preserving of potatoes	41	42	394	384	128 306	134 964	326	351
Edible oils and fats	18	18	143	143	61 608	64 812	432	453
Dairy products and ice cream	84	84	4 504	4 734	2 044 294	2 099 750	454	444
Milling products and starch	65	65	615	805	333 999	401 899	543	499
Manufacture of bakery and farinaceous products	796	803	7 093	6 717	1 007 425	1 019 236	142	152
Manufacture of other food products	283	298	5 934	5 811	1 885 814	1 874 657	318	323
Sugar	4	4	274	245	238 364	238 848	869	973
Chocolate, cocoa and confect.	50	51	1 582	1 517	361 637	377 391	229	249
Processing of tea and coffee	24	27	431	519	375 608	351 651	872	678
Convenience food	80	80	1 889	1 919	383 703	410 344	203	214
Food preparations and dietetic food	10	8	396	344	141 083	141 525	356	412
Soft drinks	190	203	2 774	2 875	1 253 974	1 336 009	452	465
Alcoholic beverages ²⁾	161	174	2 501	1 941	1 143 209	945 255	457	712
Food industry, total	1 835	1 843	29 627	29 752	8 893 433	9 145 391	300	307

Source: Statistics Finland, regional and industrial statistics on manufacturing

- ¹⁾ Includes paid employees and entrepreneurs. Employees are converted to annual full-time employees so that, for example, an employee working half-time represents one half of a person and two employees working half-time for one year represent one annual full-time employee.
- ²⁾ Distilling and mixing of alcoholic beverages: production of ethanol by fermentation as well as manufacture of cider and fruit and berry wines, other distilled fermented beverages and beer production.

IMPORT AND EXPORT OF FOODSTUFFS

Product group	Import MEUR		
	1995	2005	2018 ¹⁾
INDUSTRIAL PRODUCTS			
Drinks	..	333.3	453.30
Alcoholic beverages ²⁾	99.5	267.8	326.23
Beer	7.4	20.6	36.77
Soft drinks and mineral waters	4.0	33.5	77.83
Juices	9.1	13.0	85.85
Fats and oils	31.1	41.2	105.47
Butter	..	1.4	11.30
Canola oil	..	5.0	14.45
Margarin	6.9	23.6	26.77
Fruit preserves	..	42.5	65.66
Other vegetable preserves	..	35.6	79.44
Sugar and honey	1.3	2.2	66.02
Sugarchemical products	3.5	6.4	4.92
Honey	..	2.2	8.56
Coffee (instant and roasted)	11.3	19.7	77.77
Fish products	..	..	147.14
Frozen fish products	..	6.9	32.69
Soups and stocks	8.5	12.8	36.24
Babyfood	2.0	9.3	20.92
Meat	57.3	102.8	345.90
Pork	..	29.4	55.56
Beef and veal	..	37.9	83.61
Poultry	..	18.2	30.65
Dairy products	63.6	178.8	395.34
Milk powder	..	1.9	3.62
Cheese	..	123.1	272.50
Malt	1.7	0.4	1.31
Frozen berries and vegetables	23.6	59.0	104.05
Frozen potatoes	..	16.4	28.99
Flour and milling industry products	1.4	3.0	126.26
Rye flour	..	..	0.26
Feed products	83.7	147.0	331.81
Sweets	90.9	134.7	223.03
Chocolate	..	56.1	110.83
Starch	69.5	82.0	94.28
All industrial products total ³⁾	860.1	1 781.6	3 224.02
AGRICULTURAL PRODUCTS			
Tea	..	..	12.44
Fruits	146.7	220.3	381.62
Cocoa beans	0.2	0.0	0.35
Raw coffee	124.3	115.7	161.37
Birds' eggs	0.1	1.3	5.70
Fish and shellfish	..	..	362.23
Fresh fish	14.4	65.6	349.06
Berries	2.6	5.7	29.27
Blueberry	..	2.3	4.09
Spices	4.4	6.8	15.68
Nuts	7.4	9.5	33.31
Raw sugar	17.7	26.7	6.62
Vegetables and potato	62.5	113.6	228.13
Grain	37.2	28.5	50.50
Oat	..	0.01	2.37
All agricultural products total ³⁾	1 335.8	2 448.3	1 359.84

Source: National Board of Customs, Finnish Food and Drink Industries' Federation

¹⁾ Compilation of statistics changed in 2015. The figures are not comparable with the previous figures.

	Change 18/19 %	Export MEUR			2019 ¹⁾	Change 18/19 %
		1995	2005	2018 ¹⁾		
468.61	3.4	..	90.2	173.43	180.95	4.3
320.31	-1.8	40.1	73.4	145.50	151.75	4.3
41.18	12.0	19.7	11.3	12.17	12.52	2.8
93.95	20.7	7.4	4.8	15.75	16.68	5.9
81.13	-5.5	13.0	2.1	6.39	5.17	-19.0
154.02	46.0	7.0	26.5	160.78	164.53	2.3
61.05	440.2	..	85.1	138.08	143.65	4.0
12.65	-12.5	..	22.7	3.40	3.39	-0.1
29.30	9.5	30.7	32.7	7.72	7.68	-0.5
74.77	13.9	..	3.2	2.29	2.06	-10.1
87.14	9.7	..	4.7	4.43	3.92	-11.5
63.31	-4.1	0.0	0.0	97.78	108.58	11.0
5.28	7.4	13.4	81.5	86.59	101.40	17.1
7.83	-8.4	..	0.003	0.119	0.04	-65.6
77.44	-0.4	21.9	8.0	30.29	29.67	-2.1
155.17	5.5	..	..	16.07	20.26	26.1
30.49	-6.7	..	6.1	10.37	10.31	-0.6
36.86	1.7	0.4	0.4	1.70	1.59	-6.6
19.87	-5.0	7.4	4.9	7.57	5.86	-22.6
334.20	-3.4	26.4	91.5	106.61	154.98	45.4
61.94	11.5	..	68.6	43.93	74.71	70.1
70.75	-15.4	..	6.4	17.63	29.79	69.0
27.55	-10.1	..	10.2	12.32	13.22	7.3
405.82	2.7	161.9	303.1	242.88	280.47	15.5
4.15	14.7	..	28.7	69.28	90.70	30.9
279.17	2.4	..	119.7	48.06	55.32	15.1
1.35	3.6	15.7	21.9	14.85	13.08	-11.9
110.18	5.9	9.0	18.2	21.96	23.07	5.1
30.42	4.9	..	0.2	0.09	0.39	315.9
123.97	-1.8	4.3	7.7	58.58	69.32	18.3
0.16	-38.8	..	..	0.17	0.18	4.6
344.33	3.8	15.0	21.7	67.31	95.80	42.3
256.40	15.0	94.9	86.3	92.35	110.18	19.3
120.60	8.8	..	46.8	53.21	68.04	27.9
89.60	-5.0	8.5	15.7	11.08	16.37	47.8
3 368.69	4.5	609.0	961.9	1 270.78	1 450.57	14.1
13.17	5.9	..	..	0.32	0.43	31.2
365.84	-4.1	13.0	0.8	7.45	6.08	-18.4
0.39	10.8	0.0	0.0	0.0148	0.0009	-93.9
190.27	17.9	2.3	0.0	4.21	2.87	-31.9
6.00	5.2	7.1	6.6	14.34	14.26	-0.6
323.69	-10.6	..	..	155.28	136.23	-12.3
309.60	-11.3	2.3	0.0	155.18	136.17	-12.3
35.72	22.0	0.8	0.2	0.01	0.17	1 185.6
8.59	109.8	..	..	0.0015	0.0127	746.7
18.79	19.9	1.5	1.9	8.53	9.61	12.6
33.94	1.9	0.1	0.0	0.58	0.42	-27.9
15.44	133.2	0.01	0.8	1.32	1.13	-14.3
232.20	1.8	7.2	3.9	7.46	10.22	37.0
41.35	-18.1	35.8	42.3	80.31	120.13	49.6
3.74	58.0	..	35.9	58.71	82.92	41.2
1 340.29	-1.4	683.1	1 022.8	281.26	302.52	7.6

²⁾ Includes spirits and vinegar and vinegar substitutes made from acetic acid, in addition to weak and strong alcoholic beverages ³⁾The sum total of processed and agricultural products is the total value of exports and imports.

FOOD EXPORTS BY COUNTRY

Percentage of the total value of exports

1995	%	2005	%	2018 ¹⁾	%	2019 ¹⁾	%
Russia	29.5	Russia	19.7	Sweden	18.6	Sweden	19.1
Sweden	14.2	Sweden	15.4	Estonia	8.1	Estonia	7.7
Estonia	6.9	Estonia	9.2	France	6.7	Germany	6.6
Germany	5.1	U.S.	5.9	Russia	5.9	Russia	5.3
Belgium	4.4	Germany	5.3	Germany	5.6	China	5.1
Norway	3.7	UK	4.4	Denmark	5.0	France	4.9
U.S.	3.6	Poland	3.2	Poland	4.2	Denmark	4.7
UK	3.4	Norway	2.9	The Netherlands	3.9	The Netherlands	4.4
Denmark	3.2	Denmark	2.8	China	3.1	Poland	3.6
The Netherlands	2.8	France	2.8	Lithuania	3.0	Norway	3.3
Others	23.2	Others	28.4	Others	35.9	Others	35.3
Total	100	Total	100	Total	100	Total	100

Source: National Board of Customs, Finnish Food and Drink Industries' Federation

¹⁾ Compilation of statistics changed from 2014. The figures are not comparable with the previous figures.

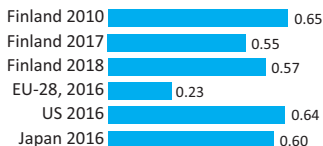
FOOD EXPORTS BY COUNTRY AND PRODUCT GROUP, EXPORTS 2019

Russia	€ thousand	EU	€ thousand	Other countries	€ thousand
Compound feeding-stuffs	26 686	Butter and other fats and oils derived from milk	131 179	Milk powder	67 790
Other foodstuffs	9 746	Alcoholic beverages	125 116	Pork	56 270
Chocolate	7 508	Fish, fresh	121 686	Other milk products	37 236
Other bakery products	7 087	Oat	78 197	Fish, fresh	29 277
Alcoholic beverages	7 008	Chocolate	56 737	Alcoholic beverages	28 221
Other cereal products	6 843	Other milk products	41 587	Cheese	23 883
Malts	4 488	Cheese	35 867	Compound feedingstuffs	23 501
Other grain mill products	4 034	Milk powder	32 821	Butter and other fats and oils derived from milk	22 279
Coffee, roasted	3 147	Beef	31 946	Raw materials for feedstuff	17 471
Beer	2 942	Other sweets	30 477	Other meat and animal parts	15 321
Other	21 710	Other	469 210	Other	113 600
Total	101 199	Total	1 154 823	Total	434 849

Source: National Board of Customs, Finnish Food and Drinks Industries' Federation

THE SHARE OF FOOD INDUSTRY'S R&D COSTS

(% of production)



Source: Statistics Finland, FoodDrinkEurope

CONSUMPTION EXPENDITURE

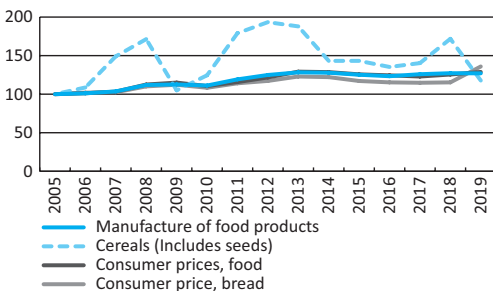
Private consumption expenditure at current prices, MEUR	1995	2005	2017	2018
Food and non-alcoholic beverages	7 411	9 381	13 327	13 590
Share of food and non-alcoholic beverages in consumption expenditure, %	15	12	13	13
Alcoholic beverages and tobacco	2 976	4 052	5 219	5 528
Clothing and footwear	2 218	3 771	4 778	4 838
Housing and energy	11 889	19 253	32 668	33 738
Household equipment	2 132	4 147	5 396	5 419
Health	1 631	3 367	5 457	5 733
Transport	5 924	10 438	13 504	13 943
Communications	780	2 185	2 752	2 796
Culture and leisure	5 087	9 094	11 894	12 068
Education	228	333	452	472
Hotels, cafés and restaurants	3 383	5 259	7 583	7 889
Other goods and services	4 709	7 074	11 254	11 811

Source: Statistics Finland / National Accounts

FOOD EXPENDITURE

Food expenditure of households, per capita	1995 €/y	%	2005 €/y	%	2016 €/y	%	2017 €/y	%
Bread and cereal products	232	17	301	18	363	16	364	16
Meat and meat products	311	23	359	21	474	21	466	20
Fish and fish products	58	4	73	4	124	5	132	6
Milk, cheese and eggs	248	18	308	18	437	19	426	19
Fats and oils	42	3	39	2	40	2	40	2
Fruit and vegetables	190	14	287	17	441	19	437	19
Potatoes and potato products	45	3	45	3	58	3	55	2
Sugar	21	2	14	1	11	0	13	1
Coffee, tea and cocoa	69	5	45	3	74	3	76	3
Other goods ¹⁾	150	11	203	12	281	12	264	12
Total	1 365	100	1 674	100	2 303	100	2 273	100

Source: Statistics Finland / National Accounts

¹⁾ Other drinks are not included.REAL PRICE DEVELOPMENT OF FOOD IN FINLAND
2005–2019

Source: Statistics Finland

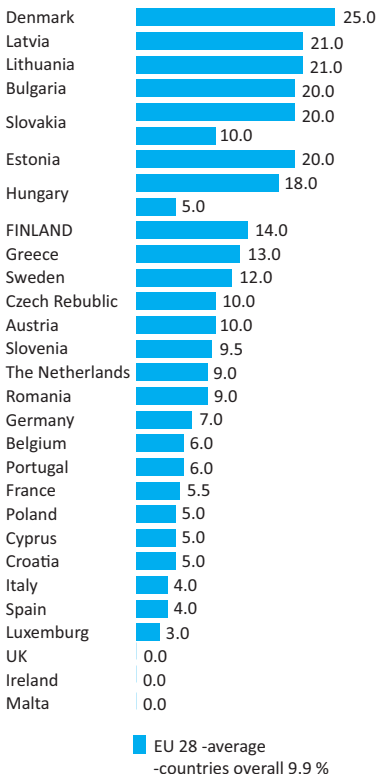
RETAIL PRICES

Prices, €/kg, €/l	1994	2005	2017	2018
Milk				
low-fat milk	0.66	0.74	0.99	0.99
fat free milk	0.58	0.72	0.89	0.90
sour milk ¹⁾	0.58	0.89	1.34	1.36
Cheese				
Emmentaler	8.34	10.59	13.75	14.16
Edam	7.03	7.92	8.80	9.08
Fat				
butter	5.28	4.96	5.16	6.06
margarine	..	2.87	3.53	3.52
Meat				
roast of beef ²⁾	11.16	9.08	15.99	16.38
minced beef	7.86	7.44	9.95	10.11
pork sirloin ³⁾	7.59	9.02	9.48	9.07
broiler fillet ⁴⁾	4.10	2.03	12.84	12.32
salami	15.86	12.19	15.41	15.75
frankfurter (skinless)	5.82	4.68	7.27	7.41
sausage	3.70	3.43	4.26	4.33
Eggs	2.79	2.33	3.27	3.24
Fish				
rainbow trout ⁵⁾	5.84	8.29 ⁶⁾	12.22	11.16
Grain and vegetable products				
wheat flour	0.90	0.59	0.65	0.65
rye bread	..	3.68	3.54	3.56
wheat bread	..	3.57	..	..
wheat coffee bread	5.63	5.79	6.79	6.85
granulated sugar	1.23	1.08	0.88	0.83
food potatoes	1.52	0.65	0.85	0.91
carrots	1.56	1.21	1.49	1.98
tomatoes	2.39	2.98	2.92	3.05
roasted coffee	5.56	5.04	7.98	7.90

Source: Statistics Finland

¹⁾ Price calculations for 1994 based on fat free sour milk.²⁾ The average price for 1994 calculated from topside.³⁾ Price calculations for 1994 based on pork chop.⁴⁾ Price calculations for 1994 based on broiler, drumstick-thigh.⁵⁾ Gutted whole fish.⁶⁾ Value for 2006.

THE MOST COMMON VALUE-ADDED TAX ON FOOD IN THE EU COUNTRIES 2020 (%)



Source: European Commission

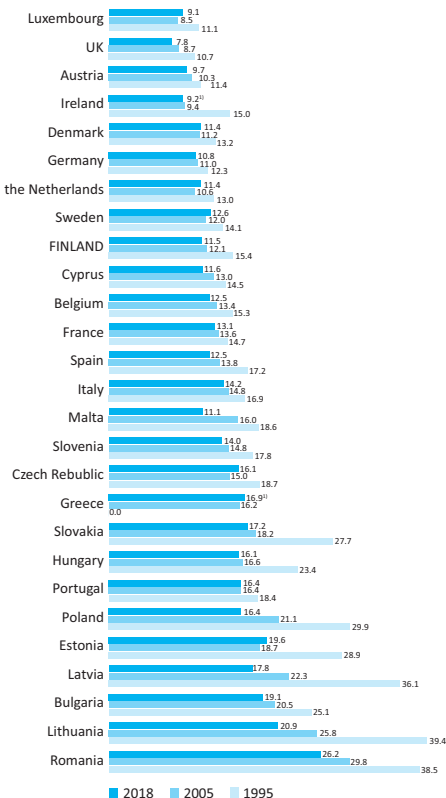
PRICE INDEXES 2018 (EU15=100)

	Household consumpti- on expen- diture	Food and non- alcoholic beverages	Food products	Bread and grain products	Meat and meat products	Fish and fish products	Milk, cheese and eggs	Fats and oils	Fruit, vegetab- les and potatoes	Other foods- tuffs	Non- alcoholic beverages
The Netherlands	106.8	95.6	95.3	84.7	112.1	100.0	99.5	93.9	95.4	85.3	98.6
Belgium	105.4	108.2	107.7	107.8	114.8	108.5	109.4	114.1	101.0	101.3	113.7
Spain	87.3	90.0	90.1	101.9	81.1	85.9	92.8	84.1	92.2	97.0	89.1
Ireland	110.1	113.7	111.6	112.5	95.8	105.4	117.9	105.5	117.5	131.9	133.7
UK	94.2	89.4	87.7	81.6	86.3	78.3	89.4	90.8	91.7	93.9	106.2
Italy	94.2	104.8	106.3	111.2	108.7	103.6	112.0	97.4	99.6	108.6	90.7
Austria	105.3	118.4	119.3	128.0	132.5	133.4	104.5	127.8	116.5	107.4	110.8
Greece	75.9	100.3	99.0	107.8	83.2	104.7	130.6	118.6	77.2	132.2	116.3
Luxembourg	129.7	118.3	119.3	119.6	128.6	155.0	127.5	120.8	110.9	113.5	112.6
Portugal	78.5	93.6	91.7	92.5	75.6	94.4	106.0	105.5	85.5	122.7	117.8
France	99.8	108.7	109.7	105.0	118.9	112.3	96.9	109.8	118.3	103.1	98.9
Sweden	120.2	110.8	111.3	116.0	108.2	107.5	109.4	119.7	117.9	109.9	106.9
Germany	96.3	96.7	96.6	95.6	96.2	123.3	94.1	102.8	98.3	92.7	98.6
Finland	114.5	113.2	112.4	120.0	110.8	109.0	112.6	96.2	121.1	108.4	121.0
Denmark	128.6	123.0	122.5	143.1	110.1	125.3	114.3	111.3	108.8	156.9	130.6
EU-15	100	100	100	100	100	100	100	100	100	100	100

Source: Eurostat, Kantar TNS Agri Ltd

HOUSEHOLDS CONSUMPTION OF FOOD AND NON-ALCOHOLIC BEVERAGES

% from households total consumption



Source: CIAA, Eurostat, Kantar TNS Agri Ltd

¹⁾ in 2017

MEAT

Million kg	1995	2005	2018	2019
Pork				
total production	166	204	169	171
consumption	165	176	178	170
exports ¹⁾	9	40	22	34
imports ¹⁾	10	15	34	35
Beef and veal				
total production	95	87	87	88
consumption	96	98	108	104
exports ¹⁾	6	2	5	8
imports ¹⁾	8	14	27	23
Poultry meat				
production	43	87	137	140
consumption	45	84	141	147
exports ¹⁾	3	10	16	16
imports ¹⁾	0.3	7	22	22
Mutton				
production	2.0	0.6	1.5	1.5
consumption	2.0	1.9	3.9	3.6
exports ¹⁾	0.0	0.0	0.0	0.0
imports ¹⁾	1.0	1.4	2.4	2.1
Horse meat				
production	0.4	0.1	0.3	0.3
consumption	0.5	1.0	1.6	1.2
Reindeer meat				
production ²⁾	2.8	2.9	1.8	1.8
consumption	2.6	3.1	2.2	2.2
exports	..	0.04	0.2	0.3
imports	..	0.2	0.8	0.6
Meat total				
production	306	378	394	401
consumption	308	361	432	425
exports ¹⁾	15	52	42	60
imports ¹⁾	21	39	86	83
Meat products export	3.7	2.1	1.5	1.4

Source: Kantar TNS Agri Ltd., Natural Resources Institute Finland / Balance Sheet for Food Commodities, National Board of Customs / International trade statistics, Reindeer Herders' Association

¹⁾ Estimated meat in carcass, incl. bones and spoilage. Amount of meat eaten is approx. half of carcass weight.

²⁾ Statistics are compiled for the reindeer husbandry year, from 1st June to 31st May.

EGGS

Million kilos	1995	2005	2018	2019
Production	74.7	58.2	76.1	76.7
Consumption	61.0	48.8	64.9	65.9
Exports	14.0	11.2	12.3	11.9

Source: Kantar TNS Agri Ltd

MILK PRODUCTS AND EDIBLE FATS

	1995	2005	2018	2019
Milk (M litres)				
production	2 397	2 362	2 328	2 305
yield litres/cow	5 981	7 505	8 508	8 664
received at dairies	2 296	2 293	2 285	2 262
consumption of liquid milk products	1 012	995	855	819
Butter (M kg)				
production	45	50	50	51
consumption	27	14	19	18
exports	19	37	31	34
Cheese (M kg)				
production	96	97	87	84
consumption	78	98	142	142
exports	29	37	15	17
Milk powder, exports (M kg)	7	15	46	47

Source: Kantar TNS Agri Ltd, Natural Resources Institute Finland / Milk and milk products statistics

BREAD GRAIN

Wheat	1995	2005	2018	2019
Total yield (M kg)	379.5	801.3	494.7	901.6
First grade product ¹⁾ %	..	32	86	47
Imports (M kg)	131.6	23.2	50.9	14.5
Exports (M kg)	8.4	25.5	59.6	64.3
Consumption as food, M kg ²⁾	229.5	253.7	245.8	242.5
Annual consumption, kg/person	45.0	49.0	44.6	43.9
Rye				
Total yield (M kg)	57.7	32.4	42.3	182.5
First grade product ³⁾ %	..	28	90	89
Imports (M kg)	61.4	80.4	14.7	5.1
Exports (M kg)	..	2.4	0.5	9.9
Consumption as food, M kg ²⁾	79.2	88.2	84.1	84.7
Annual consumption, kg/person	16.0	15.0	15.3	15.3

Source: Natural Resources Institute Finland / Grain quality and Balance Sheet for Food Commodities, National Board of Customs

¹⁾ Hectolitre weight $\geq 78,0$ kg, falling number ≥ 180 , protein (N*5,7) $\geq 12,5$ %.

²⁾ Consumption of ground grains expressed in flour weight.

³⁾ Hectolitre weight $\geq 71,0$ kg, falling number ≥ 120 .

FISH

Fish caught, million kg ¹⁾	1995	2005	2018	2019 ²⁾
Baltic herring (<i>Clupea harengus membras</i>)	96	67	126	113
Vendace (<i>Coregonus albula</i>)	4	5	4	4
Lavaret (<i>Coregonus lavaretus</i>)	6	3	2	2
Atlantic salmon (<i>Salmo salar</i>)	2	1	1	1
European perch (<i>Perca fluviatilis</i>)	17	13	9	7
Pike-perch (<i>Sander lucioperca</i>)	2	3	5	4
Commercial fishing, total	111	94	154	140
Recreational fishing, total	57	38	30	22
Fish farming	17	14 ³⁾	14 ³⁾	15 ³⁾

Source: Natural Resources Institute Finland / Fishery and game statistics

¹⁾ The species named are the most important for commercial fishing (recreational fishing included).

²⁾ Recreational fishing figures and commercial inland fishing figures are from 2018.

³⁾ Share of rainbow trout more than 90%.

FISH CONSUMPTION

Domestic fish (kg/person)	2000	2005	2017	2018
Farmed rainbow trout (<i>Oncorhynchus mykiss</i>)	1.6	1.4	1.2	1.2
Baltic herring (<i>Clupea harengus membras</i>)	1.2	0.7	0.3	0.3
Pike (<i>Esox lucius</i>)	0.7	0.7	0.4	0.4
European perch (<i>Perca fluviatilis</i>)	0.7	0.6	0.4	0.4
Vendace (<i>Coregonus albula</i>)	0.7	0.7	0.6	0.5
Lavaret (<i>Coregonus lavaretus</i>)	0.4	0.3	0.3	0.2
Pike-perch (<i>Sander lucioperca</i>)	0.2	0.3	0.4	0.3
Other domestic fish	0.6	0.5	0.5	0.4
Imported fish (kg/person)				
Farmed rainbow trout (<i>Oncorhynchus mykiss</i>)	0.3	0.6	0.8	0.8
Farmed Atlantic salmon (<i>Salmo salar</i>)	0.9	1.9	4	3.5
Tuna (<i>Thunnus thynnus</i>) (preserved and prepared)	1.2	1.6	1.5	1.3
Saithe (<i>Pollachius virens</i>) (frozen fillets)	0.6	0.4	0.4	0.4
Shrimps and prawns	0.4	0.5	0.4	0.4
Herring (<i>Clupea harengus</i>) and preserved herring	0.5	0.5	0.5	0.6
Other imported fish	2.3	2.4	2.2	2.2

Source: Natural Resources Institute Finland / Fish consumption

Domestic fish consumption (kg/person) as filleted weight.

Imported fish consumption (kg/person), with Atlantic salmon and rainbow trout as filleted weight, others as product weight.

Imported freshwater fish (such as lavaret, pike-perch etc.) not reported by species included under other imported fish.

VEGETABLES AND FRUIT

1000 kg	1995	2005	2018 ¹⁾	2019 ¹⁾
Potato				
exports	2 895	4 853	11 558	19 780
imports	3 909	19 304	4 739	3 775
Tomato				
exports	2 368	58	341	421
imports	16 130	19 471	26 128	26 808
Onions				
exports	..	117	31	100
imports	..	8 264	18 406	17 727
Cauliflower				
exports	75	..	1	12
imports	2 166	2 407	4 262	4 915
White and red cabbage				
exports	2 447	3	0,1	10
imports	1 660	1 608	1 907	2 063
Head lettuce				
exports	104	35	15	15
imports	5 672	11 056	18 369	15 931
Carrots and turnips				
exports	1,5	21	9	24
imports	2 643	4 816	14 128	9 101
Cucumber				
exports	498	66	47	103
imports	11 107	11 256	7 834	6 793
Pepper				
exports	354	5	61	80
imports	5 438	9 538	16 116	16 302
Other fresh vegetables				
exports	..	1 372	344	722
imports	..	12 353	28 210	30 601
Banana				
exports	2 352	..	7 273	4 485
imports	6 619	65 491	111 647	110 190
Citrus fruit ²⁾				
exports	3 968	91	430	279
imports	62 100	63 749	75 841	79 034
Apple				
exports	11 480	100	217	273
imports	54 001	49 719	40 479	42 125
Other fresh fruit ³⁾				
exports	..	373	461	682
imports	..	58 775	101 077	98 769

Source: National Board of Customs, Statistics Service

¹⁾ Compilation of statistics changed in 2015.²⁾ Fresh and dried.³⁾ Incl. berries and dried dates, figs, pineapples, avocados, guavas, mangos and mangosteens.

BERRIES AND MUSHROOMS

Total crops of garden berries, mill. kg	2005	2010	2018	2019
Strawberry	10.1	10.3	15.3	18.4
of which organic	..	0.2	0.35	0.4
Black- and greencurrant	1.8	1.0	1	1.5
Red- and whitecurrant	0.5	0.4	0.4	0.4
Raspberry	0.6	0.5	0.9	1.4
of which organic	..	0.01	0.02	0.02
Gooseberry	0.03	0.06	0.03	0.03
Total	13.1	12.5	18	22.1
Supply of wild berries, 1 000 kg				
Blueberry	3 111	2 780	5 855	4 239
of which organic	..	1 036	3 381	3 381
Lingonberry	8 544	6 057	2 076	5 913
of which organic	..	1 232	97	97
Cloudberry	321	152	73	64
of which organic	..	1	42	-
Other berries	51	108	28	25
Total	12 027	9 097	8 032	10 241
Supply of wild mushrooms, 1 000 kg ¹⁾				
Chanterelle	16	5	16	16
Cep	181	747	275	103
Milk caps	152	98	88	12
Other wild mushrooms	77	5	46	-65
Total	426	855	424	396

Source: Natural Resources Institute Finland / Organic production, Finnish Food Authority, Kantar TNS Agri Ltd

¹⁾ Weighted fresh.

GAME BAG

Amount and face value of game meat		2006	2010	2018
Number	Hares	268 800	248 200	147 900
	Moose	75 587	68 423	58 219
	Other artiodactyla ¹⁾	25 777	29 113	62 123
	Wild boar	3	100	882
	Waterfowl	586 000	533 800	310 149
	Grouse	459 200	306 200	184 100
	Other game birds	245 400	278 000	299 800
	Total ²⁾	1 664 867	1 470 315	1 069 711
Quantity 1 000 kg	Hares	525	501	300
	Moose	10 018	9 124	7 855
	Other artiodactyla ¹⁾	1 086	1 227	2 696
	Wild boar	0	8	71
	Waterfowl	327	305	177
	Grouse	308	204	143
	Other game birds	84	97	100
	Total ²⁾	12 400	11 559	11 446
Value ³⁾ EUR 1 000	Hares	2 608	7 446	3 948
	Moose	51 526	54 744	50 128
	Other artiodactyla ¹⁾	5 681	6 348	11 025
	Wild boar	1	80	500
	Waterfowl	5 157	6 146	4 151
	Grouse	4 515	5 921	1 754
	Other game birds	1 480	1 775	1 492
	Total ²⁾	71 175	83 029	73 489

Source: The Natural Resources Institute Finland / Hunting

¹⁾ White-tailed deer, Finnish forest reindeer, fallow deer and roe deer.²⁾ Totals include bears and beavers.³⁾ Data from 2017.

LEVEL OF SELF-SUFFICIENCY IN FOOD PRODUCTS

Ratio of production to consumption (%)	1994	2005	2018	2019
Bread grain	75	102	65	159
Dairy products, liquid milk	112	106	100	100
Beef and veal	111	89	81	84
Pork	113	116	95	101
Eggs	130	119	117	116
Sugar	68	83	34	45
Tomato	..	62	61	60
Cucumber	..	74	88	90
Carrot and turnip	..	94	92 ³⁾	..
Yellow onion	..	80 ¹⁾	69 ³⁾	..
Cauliflower	..	62	38 ³⁾	..
Strawberry	..	67	65 ³⁾	..
Raspberry	..	24	38 ³⁾	..
Apple ²⁾	..	21	15 ³⁾	..
Apple (includes private gardening)	..	31	29 ³⁾	..

Sources: Kantar TNS Agri Ltd, Finnish Horticultural Products Society, Finnish Association of Fruit and Berry Growers, National Board of Customs, The Central Union of Agricultural Producers and Forest Owners, Natural Resources Institute Finland

¹⁾ Onions excluding garlic and leek.

²⁾ Numbers are estimates (do not include private gardening).

³⁾ Data from 2017.

NON-COMPLIANT FOODS 2019

Inspected foods	Inspected batches ¹⁾ , number	Batches issued a notice ²⁾ , number	Non-compliant batches ²⁾ , number
Grain and cereal products	161	14	18
Vegetables and vegetable products	469	42	14
Starchy roots and tubers	16	0	0
Leguminous plant seeds and leguminous products	41	6	7
Fruit and fruit products	595	36	12
Fish and fish products	44	4	0
Sweets and chocolate	66	11	10
Fruit, vegetable and plant juices, drinks and spreads etc.	67	6	21
Water, water-based soft drinks etc.	58	18	16
Ingredients for hot drinks and groats	149	10	16
Hot drinks (coffee-, cacao-, tea- and herb drinks)	14	0	1
Alcoholic beverages	33	12	1
Foodstuff for adolescents	68	3	2
Foodstuff for people with special diet (incl. dietary supplements)	50	11	16
Compiled dishes	94	13	16
Spicing products and dinner sauces	100	16	11
Purified and isolated ingredients	22	1	5
Cereal dough based products	120	13	17
Nuts and nut products	114	13	1
Oil seeds and fruit	86	8	7
Herbs, spices and similar	168	24	7
Products imitating meat and dairy products	13	3	1
Food contact materials	338	41	44
Total	2 886	305	243

Source: Customs product safety

¹⁾ 37 % of the batches were from countries outside the EU.

²⁾ 8 % were found to be non-compliant with the regulations, and lesser defects (reason for reprimand) were found in 11 % of the investigated lots.

CAUSES OF NON-COMPLIANCE 2019

Cause of non-compliance	Number of batches	%
Labelling	95	48
Plant protection products	30	15
Additives	24	12
Microbiological causes incl. salmonella	5	3
Salt content	12	6
Allergens	4	2
Mold toxins	3	2
Other	26	13
Total	199	100

Source: Customs product safety

VETERINARY MEDICINAL PRODUCT RESIDUES AND OTHER SUBSTANCES IN LIVE ANIMALS AND ANIMAL PRODUCTS

	EU-27 average		Finland		
	2010	2017	2010	2017	2018
Number of targeted samples	418 081	360 293	4 344	4 218	4 265
Non-compliant samples %	0.33	0.35	0.00	0.28	0.33

Source: EFSA and Finnish Food Authority

Contaminants are prohibited substances, permissible medicinal products and contaminants from the environment. The EU results include all samples examined in the programme, including contaminants from the environment. The results for Finland take into account the residues of prohibited substances and permissible medicinal products but not all results that exceed the limit, such as heavy metals found in game.

FOOD CONTROL FIGURES 2018

Inspections, number	Primary production ¹⁾	Manufacture and packaging	Distribution and transport	Retail sales	Service sector	Total
Number of establishments	38 034	3 428	2 197	11 306	33 659	88 624
Number of establishments inspected	778	1 491	391	3 613	14 190	20 463
Number of inspections	852	2 902	518	4 768	17 305	26 345
Number of establishments committing infringements	398	257	37	472	1 645	2 809

49

Type of infringement						
Hygiene (HACCP, training)	..	120	20	175	707	1 022
General hygiene	..	284	20	427	1 837	2 568
Composition	..	14	8	10	0	32
Quality and contaminants	..	8	0	6	39	53
Labelling and presentation	..	71	20	182	122	395
Other	..	50	3	83	83	219

Source: Finnish Food Authority, Report on the implementation of the Multi-annual National Food Chain Control Audit Plan 2015–2019 in 2018

¹⁾ Primary production data of foods missing as comprehensive information not available in 2018.

Other

NUMBER OF RECALLS

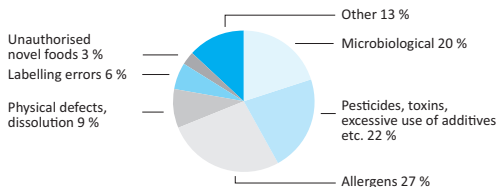
	2005	2010	2018	2019
Recalls ¹⁾ , number	28	84	168	200

Source: Finnish Food Authority

¹⁾ Incl. both retailer and mass caterer recalls. The statistics for different years are not fully comparable, as recording methods have been defined.

Includes even incidents where there were no more products available on the markets as the information reached Finland.

REASONS FOR PRODUCT WITHDRAWALS 2019



Source: Finnish Food Authority

FOODBORNE AND WATERBORNE OUTBREAKS AND NUMBER OF PERSONS AFFECTED 2019

Disease-causing agent	Number of outbreaks N=54	Number of persons affected N=956	%
Food borne			
Bacillus cereus	1	6	1
Clostridium perfringens	1	94	10
Listeria monocytogenes	2	24	3
Campylobacter	2	10	1
Salmonella	1	9	1
Staphylococcus aureus	1	6	1
Yersinia enterocolitica	2	23	3
Norovirus	22	471	51
Sapovirus	1	89	10
Histamine	1	3	0
Unknown	16	184	20
Total	50	919	100
Waterborne			
Norovirus	1	18	49
Unknown	3	19	51
Total	4	37	100

Source: Finnish Food Authority

FOODBORNE OUTBREAKS BY FOOD VEHICLE 2019

Food vehicle	Unkown / several foodstuffs / buffet	Meat and meat products	Vegetables and vegetable products	Fish and fish products, shellfish	Bakery products	Total
Cause						
Bacillus cereus				1		1
Clostridium perfringens				1		1
Listeria monocytogenes	1	1				2
Campylobacter	1	1				2
Salmonella			1			1
Staphylococcus aureus			1			1
Yersinia enterocolitica	1		1			2
Norovirus	13		2	4	3	22
Sapovirus	1					1
Histamine				1		1
Unknown	16					16
Total	33	2	5	7	3	50
%	66	4	10	14	6	100

Source: Finnish Food Authority

Other

TRADE AND INSTITUTIONAL KITCHENS

NUMBER OF SHOPS BY SHOP TYPE

Shop type	Total 1.1.2019	Total 1.1.2020
Hypermarkets	152	154
Department stores	86	87
Supermarkets, large	689	699
Supermarkets, small	456	483
Self-service shops, large	864	836
Self-service shops, small	299	293
Small shops	258	237
Speciality shops	749	745
Market halls	32	29
Discount stores, part of the convenience goods offering	352	353
Service station stores, part of the convenience goods offering	613	591
Total	4 550	4 507
Mobile shops	11	11
Closed down	227	202

Source: Nielsen Convenience store register

SALES OF DAILY CONSUMER GOODS BY SHOP TYPE

MEUR	2018	2019
Hypermarkets ¹⁾	5 112	5 303
Department stores	330	352
Supermarkets, large	7 002	7 169
Supermarkets, small	2 074	2 183
Self-service shops, large	2 172	2 126
Self-service shops, small	360	368
Small shops	185	172
Speciality shops	225	220
Market halls	33	29
Discount stores, part of the convenience goods offering	397	417
Service station stores, part of the convenience goods offering	190	180
Total	18 078	18 520
Mobile shops	4	3
Closed down	111	125
Total	18 193	18 647

Source: Nielsen Convenience store register

¹⁾ Includes chains K-citymarket, Prisma and Minimani.

NUMBER OF KITCHENS AND UNITS SERVED BY INDUSTRY 2020

	Number, pieces ¹⁾	Servings, million
Licensed restaurants ²⁾	2 707	115
Cafés	1 030	34
Other restaurants	1 350	56
Primary, secondary and upper secondary schools	955	124
Hamburger and kebab restaurants, pizzerias	1 037	58
Care homes and children's homes, other care facilities	675	61
Staff restaurants	616	36
Nursery schools	583	24
Hotels and other accommodation providers	627	27
Cafés and restaurants operating in connection with other operations	422	19
Service stations	465	29
Vocational schools, colleges and universities	308	33
Catering and meal services	376	15
Hospitals	155	52
Other mass caterers	115	64
Total	11 421	747

Source: Taloustutkimus Oy, Horeca register 2020

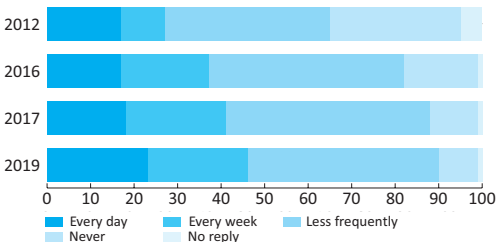
¹⁾ Does not include cafeterias.

²⁾ All licensed cafés and restaurants.

In 2019, the share of organic products in public catering services was approx. 12 % (in kg).

Source: The Joint Authority of Education in Savo, Pro luomu.

FREQUENCY OF CONSUMPTION OF ORGANIC PRODUCE BY CATERING PROVIDERS, %

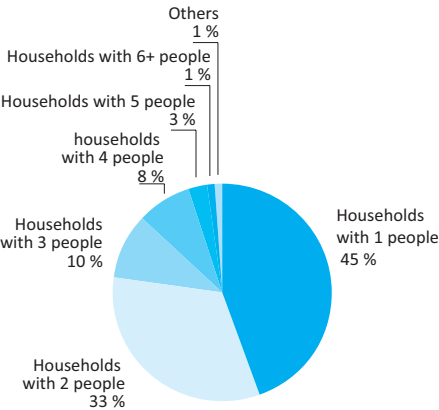


Source: Pro Luomu ry, Taloustutkimus Oy

GENERAL

HOUSEHOLDS BY SIZE

In 2018 there were 2 749 000 households in Finland.



Source: Kantar TNS Agri Oy

On January 1st 2020 the population of Finland was 5 525 292.

On January 1st 2020 the population density of Finland was approximately 18.2 people per square kilometer.

Source: Statistics Finland

In 2018 the average size of a household was approximately 1.98 people.

Source: Kantar TNS Agri Oy

GROSS DOMESTIC PRODUCT

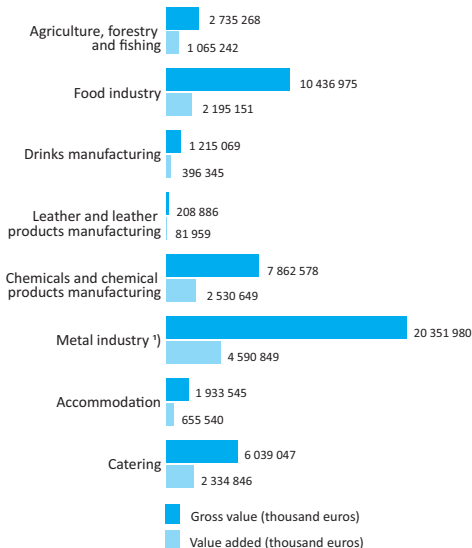
Distribution by field of activity % ¹⁾	2005	2010	2018	2019
Agriculture, forestry and fishing	2.6	2.7	2.8	2.7
of which agriculture	1.1	0.9	0.6	..
Manufacturing	24.3	19.5	17.0	17.0
of which food industry	1.5	1.3	1.3	1.4
Construction	6.4	6.4	7.3	7.5
Wholesale and retail trade ¹⁾	9.8	9.4	9.0	8.8
Transportation and storage	5.7	5.1	4.7	4.6
Accommodation and food service activities	1.6	1.6	1.8	1.9
of which food service activities	1.2	1.3	1.4	..
Information and communication	5.0	5.0	5.9	6.0
Financial and insurance activities	2.7	2.6	3.2	3.0
Real estate activities	10.2	11.2	12.8	12.8
Human health and social work activities	8.2	9.3	9.3	9.4
¹⁾ Selected fields of activity included in the gross domestic product.				
Gross value added at basic prices, billion EUR	143.6	163.6	201.6	208.1
GDP in purchasers' values, billion EUR	164.4	187.1	233.7	240.6

Source: Statistics Finland / National Accounts

GROSS VALUE OF AND VALUE ADDED TO PRODUCTION BY INDUSTRY BRANCH 2018

Gross value (thousand euros)

Value added (thousand euros)



Source: Statistics Finland, Standard industrial classification TOL 2008

¹⁾ The metal industry includes metal refining and manufacture of metal products (excl. machines and equipment).

The gross value of production measures the actual production of the site. All revenues related to production are included in production activity, also manufacturing for its own use, and manufacturing which is supplied to the other sites of the company.

The value added measures the total added value of the site produced in its actual production activity by the various producers. The value added is calculated as the difference between the revenues obtained from production activity and the costs incurred from the activity.

BIOECONOMY IN 2018

	Output. MEUR	Value added. MEUR	Emp- loyed. 1 000 persons	Export of goods MEUR ¹⁾
Agriculture	4 538	1 220	65.3	603
Food industry	11 305	2 669	38.8	1 184
Forestry	28 385	9 125	62.5	12 707
Chemical industry	3 633	1 092	4.8	1 933
Water treatment and distribution	813	470	2.6	..
Bioeconomy services	3 833	1 734	35.4	..
of which nature tourism	3 659	1 560	35.4	..
of which hunting	98	98	0	..
of which fishing	76	76	0	..
Bioeconomy total	72 955	25 205	303.2	17 874
National economy total	437 185	202 438	2 629.40	59 728
Share of bioeconomy. %	17	12	12	30

Source: Natural Resources Institute Finland / Bioeconomy calculations

Output, value added and export expressed in current prices.

¹⁾ Data from 2017.

LABOUR FORCE

Field of activity	2000 %	2005 %	2018 %	2019 %	2019 1 000 persons
Agriculture, forestry, fishing, mining and quar- rying	6	5	4	4	105
of which agriculture	5	4	3	3	70
of which forestry	1	1	1	3	26
Industry ¹⁾	20	18	14	14	329
of which food and beverage industry	2	2	1	1	38
Construction	6	7	8	8	193
Wholesale and retail trade ²⁾	12	12	11	11	287
Transport and storage	7	6	6	6	143
Accommodation and food service activities	3	3	3	3	97
Other services and fields of activity	45	49	54	54	1 405
Unknown field of activity	0.3	0.2	0.3	0.3	7
Employed total in thousands	2 335	2 401	2 540	2 566	2 566
Total labour force in thousands	2 589	2 621	2 742	2 750	2 750
of which unemployed %	9.8	8.4	7.4	6.7	6.7

Source: Statistics Finland, Standard industrial classification TOL 2008

¹⁾ Including electricity, water supply, waste management etc.

²⁾ Including repair of motor vehicles and motorcycles.

OCCUPATIONAL DISEASES BY INDUSTRY 2016

Occupational diseases	pcs	per 10 000 employed
Crop farming, animal husbandry, game husbandry	168	26.9
Production of foodstuff	35	10.5
Beverage industry	1	3.4
Food service activities	32	4.6

Source: Finnish Institute of Occupational Health

NUMBER OF OCCUPATIONAL ACCIDENTS

Occupational accidents ¹⁾ per 100,000 working in the industry	2005	2010	2017	2018
Agricultural entrepreneurs	5 962	4 882	4 886	4 868
Food and drink industry employees	7 696	6 919	2 476	2 292
All occupations ²⁾	2 581	2 103	1 691	1 610

Source: Statistics Finland, Workers' Compensation Center

The accident frequency has been calculated as per the industry of the employer.

¹⁾ Occupational accidents leading to at least 4 days of incapacity for work.

²⁾ Occupational groups with at least 10 000 employees.

FOOD CONSUMPTION PER CAPITA IN FINLAND AND IN THE EU

Consumption kg/ capita	1995	2005	2011	2018	2019	EU-28 ¹⁾
Grain	69.8	78.8	78.8	79.1	81.4	127.3
Meat, total	60.3	73.0	77.6	81.3	79.8	85 ²⁾
beef and veal	18.8	18.6	18.6	19.3	18.8	15.4 ²⁾
pork	32.0	33.5	36.4	32.5	30.8	38.4 ²⁾
poultry meat	9.0	16.1	18.2	25.6	26.6	24.1 ³⁾
other meat	0.6	4.8	4.4	..	..	2.8
Liquid milk products, total (litres)	203.0	187.8	181.8	150.7	143.6	236.4
milk	145.6	134.6	127.6	110.1	104.9	..
sour milk products	37.1	36.8	40.7	31.6	30.0	..
cream (incl. sour cream products)	6.8	6.6	8.8	9.0	8.7	3.9
Butter	5.5	2.6	4.0	3.5	3.3	4.2 ³⁾
Vegetable oils	4.3	5.3	5.5	..	..	19.6
Cheese ⁴⁾	14.8	17.2	21.0	25.7	24.9	19.3 ³⁾
Eggs	11.8	9.3	10.0	11.8	11.9	12.5 ³⁾
Sugar	35.4	32.0	30.1	29.2	27.9	31.7
Fruit ⁵⁾	43.6	54.5	58.8	65.4	65.9	103.7
Vegetables ⁶⁾	61.7	68.3	62.6	63.5	66.3	109.4
Fish (fillet/product weight)	14.0	14.1	14.9	13.1	..	..
Coffee (roasted)	8.3	9.8	9.7	9.9	9.9	4.8
Soft drinks (litres)	45.8	52.0	56.0	53.0	53.0	..
Beer (litres) ⁷⁾	82.5	84.0	85.4	73.3	72.0	67.1
Wine (litres) ⁷⁾	8.2	10.8	12.6	11.4	11.2	22.8
Spirits (litres) ⁷⁾	4.9	6.6	5.4	4.2	4.1	..

Source: Source: Kantar TNS Agri Ltd, Natural Resources Institute Finland / Balance Sheet for Food Commodities, FAO - Statistics Division - Food Balance Sheet, Canadian, ICO (International Coffee Organization), The Finnish Food and Drink Industries' Federation, Federation of The Brewing and Soft Drinks Industry

¹⁾ In 2013. Food product group specifications do not concern EU figures.

²⁾ In 2018

³⁾ In 2017.

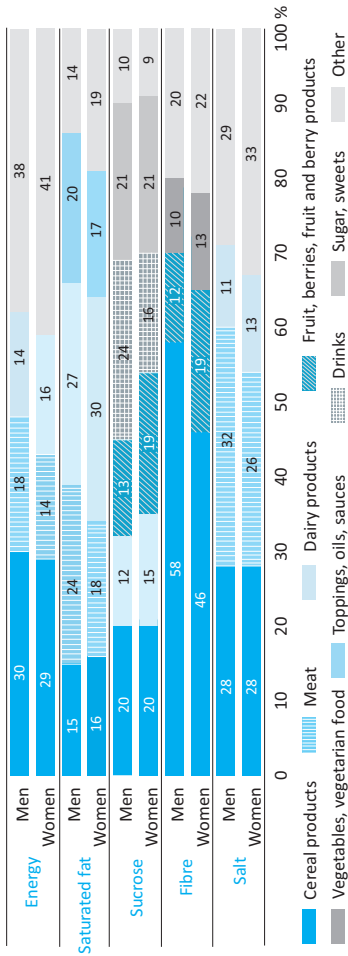
⁴⁾ Includes non-flavoured curd and cottage cheese.

⁵⁾ Excluding fruit juices and berries.

⁶⁾ From 2011 onwards, no frozen or preserved vegetables.

⁷⁾ The numbers don't include private imports.

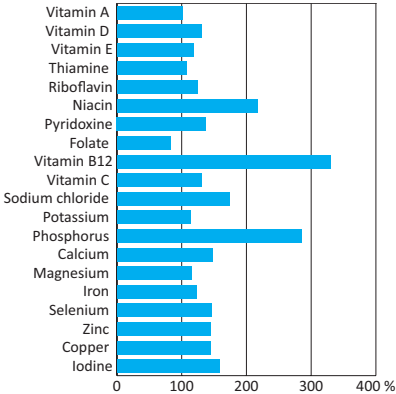
MOST IMPORTANT SOURCES OF ENERGY AND NUTRIENTS



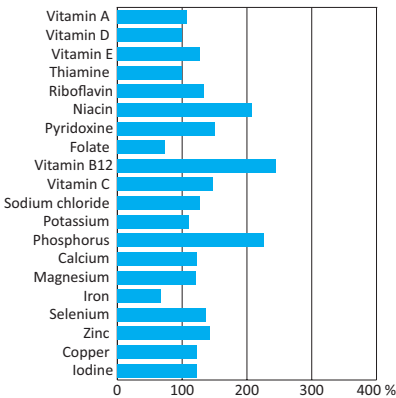
Source: The National FinDiet 2017 Survey
25–64 years old

ACTUAL VITAMIN AND MINERAL INTAKE COMPARED TO THE RECOMMENDATIONS (% of recommendations)

Men



Women



Source: The National FinDiet 2017 Survey
25–64 years old

FINNS' DAILY MEALS (percentage)

Children/teenagers ⁴⁾

Working-age population

Elderly

	Primary school ⁵⁾				Secondary school ⁶⁾				Upper secondary school/vocational school ⁷⁾			
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Men	Women	Men	Women
Breakfast	90	91	63 ⁸⁾	67 ⁸⁾	56	55			98	95	98	99
Lunch	96	94	85 ⁸⁾	73 ⁸⁾					92	93	90	92
Dinner	86	91	77 ⁸⁾	67 ⁸⁾					90	91	68	73
Snack ¹⁾	70	68	29 ⁸⁾	35 ⁸⁾					90	95	95	97
Evening snack	92	87	69 ⁸⁾	64 ⁸⁾					95	93	95	94
Drink as a meal ²⁾									96	94	90	93
School meal			64	63	68	65						
Meal with family ³⁾			65	60	55	49						

Source: Late-study 2010, Kouluterveystutkimus 2019, The National FinDiet 2017 Survey

¹⁾ For children, snack in the afternoon.

²⁾ Meal that only consists of a drink.

³⁾ Data from 2017. Evening meal, where the entire family eats together, at least 3 weekdays a week.

⁴⁾ For children and teenagers, the meals eaten on weekdays.

⁵⁾ Primary school classes 1 and 5.

⁶⁾ Secondary school classes 8 and 9.

⁷⁾ 1st and 2nd year students at upper secondary and vocational schools.

⁸⁾ Secondary school class 8.

HEALTH BEHAVIOUR 2019 (%)

	All	aged 20–54	aged 55–74	75+
Use vegetables and fruits as recommended	31	29	35	30
Eat few fresh vegetables ¹⁾	55	52	55	64
Eat few fruits or berries	56	63	48	48
Butter or butter/vegetable oil spread every day ¹⁾	56	53	59	65
Drink too much alcohol	30	29	36	16
Smoke every day	12	14	13	3
Obese BMI ≥ 30	21	19	24	19
Do not exercise	21	22	16	35
Sleep ²⁾				
Up to 6 hours	15			
Average duration of sleep (hours) ³⁾	7,3			

Source: The National FinSote 2018 survey, The National FinTerveys 2017 survey ²⁾

¹⁾ Answer choices differed from the 2017 ATH study.

³⁾ Over 30 year olds.