

FORKFUL OF FACTS

Finnish Food Industry Statistics 2014



Ruokatieto

FOR THE READER

Forkful of Facts – Food Industry Statistics contains a wide variety of figures about Finnish agriculture covering the whole food chain from the fields to the table.

Forkful of Facts contains food chain practices and additional value factors as figures, which can be utilized in building competitiveness leaning on the accountability of the Finnish food chain. The statistics have been divided under headings environment, product safety, nutrition, work and well-being at work, animals and animal well-being, locality and economy. The division follows the seven dimensions of food chain accountability. Nevertheless, it must be noted that the selected statistics do not measure the accountability, as the research on the subject is only starting.

The newest information in the Forkful of Facts is mostly from 2013. We have also included information from earlier years as well as international data for comparison. This year new tables have been introduced particularly for issues relating to nutrition.

The printed Forkful of Facts is available in three languages (Finnish, Swedish, English) and also as a web-publication at www.ruokatieto.fi/tietohaarukka.



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Explanation of symbols:

p. = preliminary data

.. = data not available

GENERAL INFORMATION

MEAN PRECIPITATION 1981–2013, MM

	spring	summer	autumn	winter
Helsinki-Kaisaniemi	106	202	204	150
Jyväskylä	113	231	178	127
Oulu	85	187	131	93
Sodankylä	100	194	139	100

Source: Finnish Meteorological Institute

MEAN TEMPERATURES 1981–2013, °C

	spring	summer	autumn	winter
Helsinki-Kaisaniemi	4.3	16.3	6.7	-3.5
Jyväskylä	2.4	14.8	3.7	-7.7
Oulu	1.5	14.7	3.3	-8.6
Sodankylä	-1.1	12.7	-0.1	-12.6

Source: Finnish Meteorological Institute

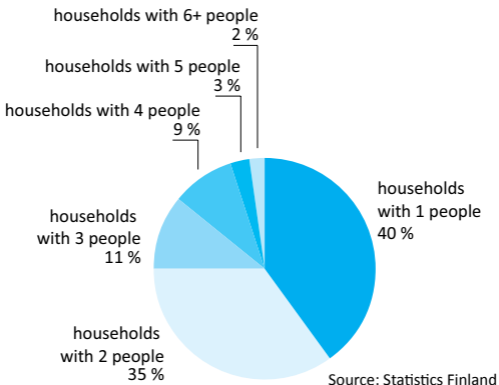
WEATHER CONDITIONS DURING THE GROWING SEASON

	Effective temperature comparative period			Precipitation comparative period		
	2013	2012	1981–2010	2013	2012	1981–2010
Jokioinen	1 502	1 302	1 307	283	440	341
Kauhava	1 442	1 185	1 185	309	397	286
Oulu	1 377	1 086	1 170	290	344	257
Sodankylä	1 129	750	795	204	206	227

Source: Finnish Meteorological Institute

HOUSEHOLDS BY SIZE

in 2012 there were 2 595 000 households



The population of Finland on the 31st of December 2013 was 5 451 270.

Source: Population Register Centre

On the first of January 2014 the population density of Finland was approximately 17.9 people per square kilometer.

In the year 2012 the average size of a household was approximately 2.06 people.

Source: Statistics Finland

OCCUPATIONAL DISEASES BY INDUSTRY 2011

	Occupational diseases	100 000 per employed
Crop farming, animal husbandry, game husbandry	360	546
Production of foodstuff	185	588

Source: Finnish Institute of Occupational Health

NUMBER OF OCCUPATIONAL ACCIDENTS

Occupational accidents ¹⁾ per 100,000 working in the industry	2005	2010	2011	2012
Agricultural entrepreneurs	5962	4 882	5 048	4 953
Food industry employees ²⁾	7696	6 919	..	..
All occupations ³⁾	2581	2 103	2 109	..

Source: Statistics Finland

¹⁾ occupational accidents leading to at least 4 days of incapacity for work²⁾ occupational accident data by occupation next available for the 2015 reference year data once the Federation of Accident Insurance Institution (FAII) adopts the ISCO-08 classification³⁾ occupational groups with at least 10,000 employees

AVERAGE AGE AND NUMBER OF AGRICULTURAL ENTREPRENEURS

	1995		2005		2013	
	aver. age	number	aver. age	number	aver. age	number
Agricultural entrepreneurs	45.1	142 000	47.6	90 000	48.7	70 000
Start-up entrepreneurs ¹⁾	29.9	70	29.8	760	28.8	400
Retiring entrepreneurs ²⁾	60.2	6 600	60.8	3 900	62.5	2 000
Recipients of farmers' early retirement aid ³⁾	57.8	560	58.6	1 420	58.7	690

Source: Farmers' Social Insurance Institution Mela

¹⁾ entrepreneurs taking up farming through succession within the farmers' early retirement aid scheme²⁾ covering those retiring on old-age, disability and unemployment pension³⁾ 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	2012	2013
Respiratory diseases	7	3	2	2
Mental illnesses	14	20	16	17
Musculoskeletal disorders	46	47	49	46
Injuries, poisonings, etc.	6	9	10	10
Cardiovascular diseases	15	8	8	8
Tumours	..	..	..	7
Nervous system disorders	..	..	..	5

Source: Farmers' Social Insurance Institution Mela

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

Economy

GROSS DOMESTIC PRODUCT

Distribution by field of activity %	2005	2010	2011	2012 p.	2013 p.
Agriculture, forestry and fishing	2.6	2.7	2.7	2.6	2.7
of which agriculture	1.1	0.9	0.9	0.9	0.9
Manufacturing	24.3	19.5	18.9	16.9	16.6
of which food industry	1.5	1.3	1.3	1.3	1.3
Construction	6.4	6.4	6.4	6.6	6.5
Wholesale and retail trade ¹⁾	9.8	9.4	9.8	10.1	10.0
Transportation and storage	5.7	5.1	5.1	5.1	5.1
Accommodation and food service activities	1.6	1.6	1.6	1.7	1.7
Information and communication	5.0	5.0	5.0	5.2	5.2
Financial and insurance activities	2.7	2.6	2.7	2.7	2.5
Real estate activities	10.2	11.2	11.4	11.7	12.1
Human health and social work activities	8.2	9.3	9.5	10.0	10.1
Other services	23.4	27.1	26.8	27.5	27.6
Total	100	100	100	100	100

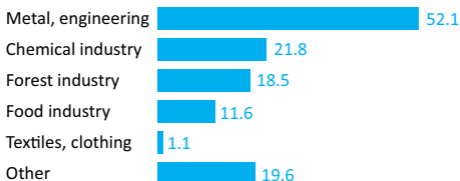
¹⁾ incl. repair of motor vehicles and motorcycles

Gross value added at basic prices, billion EUR	143.6	163.6	170.5	171.7	173.1
GDP in purchasers' values, billion EUR	164.4	187.1	196.9	199.1	201.3

Source: Statistics Finland, National Accounts, TOL 2008

GROSS VALUE OF PRODUCTION BY BRANCH OF INDUSTRY

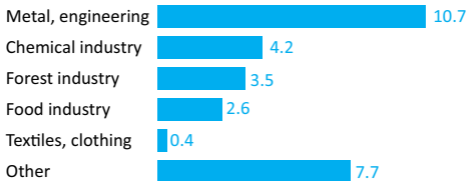
2012, gross value of production 124.7 billion euro



Source: Statistics Finland, Standard industrial classification TOL 2008

VALUE ADDED BY BRANCH OF INDUSTRY

2012, value added total 29.1 billion euro



Source: Statistics Finland, Standard industrial classification TOL 2008

LABOUR FORCE

Field of activity	2000	2005	2012	2013	2013
	%	%	%	%	1 000 persons
Agriculture, forestry, fishing, mining and quarrying	6	5	4	4	107
of which agriculture	5	4	3	3	76
of which forestry	1	1	1	1	24
Industry ¹⁾	20	18	15	15	377
of which food and beverage industry	2	2	2	2	38
of which other industry	18	17	14	14	339
Construction	6	7	7	7	176
Wholesale and retail trade ²⁾	12	12	12	12	296
Transport and storage	7	6	6	6	142
Accommodation and food service activities	3	3	4	4	86
Other services	45	48	51	51	1 261
Unknown field of activity	0.3	0.2	0.4	0.4	10
Employed total	100	100	100	100	
in thousands	2 335	2 401	2 483	2 457	2 457
Total labour force in thousands	2 589	2 621	2 690	2 676	2 676
of which unemployed %	9.8	8.4	7.7	8.2	8.2

Source: Statistics Finland, Standard industrial classification TOL 2008

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

²⁾ including repair of motor vehicles and motorcycles

AGRICULTURE

ORGANIC PRODUCTION AREA AND NUMBER OF ORGANIC FARMS

	1995	2005	2012	2013
Certified organic area, ha	23 139	135 223	161 190	170 462
In-conversion area, ha	21 557	12 364	36 561	35 708
Total organically farmed area, ha	44 696	147 588	197 751	206 170
Percentage of organically farmed area of the total area of production %	..	6.7	8.7	9
Farm size, ha/farm	20	34	46	49
Farms, number	2 793	4 296	4 260	4 215

Source: Finnish Food Safety Authority Evira

NUMBER OF ORGANIC PRODUCERS

	2008	2011	2012	2013
Organic primary production ¹⁾	3 758	3 975	4 188	4 145
from which organic animal farms	511	643	759	814
Organic foodstuff producers	401	487	624	621
Organic feedstuff producers	16	33	40	44
Organic seed packing plants	..	31	28	28
In total	4 175	4 526	4 880	4 845

Source: Finnish Food Safety Authority Evira

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

USE OF ARABLE LAND ON ORGANIC FARMS

Certified organic area, ha	1995¹⁾	2005	2012	2013
Grass	11 431	60 195	77 713	81 999
Cereals	8 158	46 362	46 314	49 760
wheat	724	6 629	7 425	6 303
rye	1 616	4 594	3 462	3 188
barley	2 118	6 760	4 894	6 450
oats	2 447	23 134	22 273	24 350
mixed: straw grains	302	2 798	2 062	2 264
mixed: legumes+straw grains	927	1 842	6 198	7 204
Peas	120	1 289	911	901
Buckwheat	23	185	274	271
Caraway	9	355	181	120
Flax	22	277	99	51
Turnip rape	64	2 419	2 169	2 042
Potatoes	423	440	430	446
Vegetables, open land	197	211	239	241
Greenhouse vegetables	2	9	9	9
Leafherbs	17	16	20	20
Berries and fruits	256	800	636	612
Other crops	395	3 672	11 823	12 270
Fallow	2 022	19 178	20 216	21 189
Total	23 139	135 223	207 355	169 931

Source: Finnish Food Safety Authority Evira

¹⁾ Åland not included

Environment

AGRICULTURAL ENVIRONMENTAL AID

	number	% of farms	% of arable area
Farms committed to environmental aid	53 283	92	95

Source: Agency for Rural Affairs

VOLUME OF PESTICIDES SALES

	1995	2005	2011	2012
Active ingredient sales (tonnes)				
fungicides	114	255	169	198
agricultural insecticides	57	47	27	31
agricultural herbicides	791	1 077	1 452	1 224
growth regulations	73	52	59	93
Product sales (tonnes)				
fungicides	236	718	562	704
agricultural insecticides	160	147	184	219
agricultural herbicides	1 768	2 639	3 749	3 069
growth regulations	131	107	105	165

Source: Finnish Safety and Chemicals Agency

Product safety

PESTICIDE RESIDUE CONTROL 2011 ¹⁾

Source of sample	Random samples	Non-compliant %
Domestic	268	0
EU	762	1.0
Outside of EU	654	2.1
Unknown	18	0
In total	1 702	1.3

Source: Finnish Food Safety Authority Evira

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

SUBSTITUTING FOR AGRICULTURAL ENTREPRENEURS

	2000	2005	2012	2013
MYEL ¹⁾ -insured agricultural entrepreneurs	105 993	90 007	73 334	70 448
Those using annual leave ²⁾	45 254	34 719	23 144	21 909
Those using substitutes	14 934	14 624	9 500	8 879
Those using substituting subject to subsidised charge	10 995	13 521	11 722	11 979
Those using substituting subject to total charge	643	314	695	703

Source: Mela

¹⁾ Farmers' Social Insurance Institution²⁾ to receive annual leave, a farmer must have at least four domestic animal units, and they must be a full-time agricultural entrepreneur

Animals and animal well-being

LIVESTOCK

In thousands	1995	2005	2012	2013
Horses	50	62	75	75
Cattle	1 148	959	913	912
of which dairy cows	399	319	284	283
Sheep	159	87	130	136
Pigs	1 400	1 401	1 290	1 300
of which sows	161	177	133	125
of which fattening pigs	451	460	477	490
Poultry	10 358	10 538	10 761	11 981
of which hens	4 179	3 128	3 173	3 432
broilers	4 276	5 472	6 038	6 861
turkeys	80	495	295	274
Reindeer	208	207	192	192

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry, Statistics Finland

AVERAGE NUMBER OF ANIMALS IN FARMS

Animals, pcs/farms	2012	2013
Pigs	1 175	1 275
Cattle	70	73
Poultry	32 412	30 331

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry

The definition of an agricultural and horticultural enterprise was revised in 2013. The figure has been counted retrospectively. The figures cannot be compared with figures from previous years.

PROTECTION OF ANIMALS INSPECTIONS BASED ON SAMPLE

Item	Inspections			Cases of neglect		
	2011	2012	2013	2011	2012	2013
Pigs	52	38	63	13	9	12
Cattle	362	288	244	97	64	66
Poultry	26	23	20	5	3	3
Broiler chickens	..	57	132	..	21	64
Goats	12	13	9	0	1	1
Ducks and geese	8	5	11	0	0	0
Sheep	32	32	42	8	7	7

Source: Finnish Food Safety Authority Evira

PREVENTION OF CRUELTY TO ANIMALS INSPECTIONS IN COMMERCIAL ANIMAL DELIVERIES

	2005	2011	2012	2013
Inspections (no.)	451	387	358	384
Cases of neglect (%)	24	16	17	20

Source: Finnish Food Safety Authority Evira

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	
	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
Pig farms (places of keeping pigs)	1 927	1 747	93	95	71	64	1 556	1 456	119	80	252	211	7 136	6 587
Cow farms	7 860	7 548	55	57	..	..	..	..	..	..	..	..	6 100	6 013

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

FARMS RECEIVING ANIMAL WELL-BEING SUBSIDIES ¹⁾

Number of farms	2011	% of farms	2012	% of farms	2013	% of farms
Beef farms	4 312	30	5 364	38	5 006	39
Pork farms	627	32	846	47	757	48

Source: Mavi

¹⁾ subsidised farms

HENNERIES 2014

Henneries type	% of egg-production
Enriched cage	63
Floor	33
Organic	4

Source: Suomen siipikarjaliitto (Finnish Poultry Association)

BARN TYPES 2013

	Number of barns	%	Cows	%	Average number of cows/farm
Tie stall barn	4 321	71	108 457	49	25.1
Free stall barn	1 790	29	110 515	50	61.7
Other	55	1	2 514	1	45.7
Total	6 166 ¹⁾	100	221 485	100	35.9

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 2013

Cattle	no.	%
Graze in the summer, time outdoors in the winter	470	7.8
Graze in the summer, indoors in the winter	4 194	69.4
Fenced walking area in the summer, time outdoors in the winter	100	1.7
Fenced walking area in the summer, indoors in the winter	369	6.1
Indoors in the summer and in the winter	910	15.1
In total	6 043	100

Source: ProAgria

MILKING MACHINES 2013

Milking machine type	Farms	%
Pipeline milking	4 165	68.2
Robotic milking	674	11.0
Herringbone milking stations	653	10.7
Tandem milking stations	409	6.7
Bucket milking machine	99	1.6
Milking from behind stations	65	1.1
Rotary milking stations	16	0.3
Robotic milking and milking station	6	0.1
Other milking stations	22	0.4
In total	6 109	100

Source: ProAgria

AVERAGE YIELD PER COW AND MILK CONTENTS 2013

Breed	Cows number	Average yield, kg/cow	Milk contents, %			
			Protein	Fat	ECM ¹⁾	Cells
Ayrshire	135 381	8 644	3.41	4.27	9 018	165
Holstein	90 489	9 518	3.29	3.96	9 484	189
Finncattle	237	7 872	3.58	4.74	8 766	140
Eastern Finncattle	129	6 873	3.30	4.12	7 087	166
Western Finncattle	2 718	6 117	3.44	4.42	6 489	199
Northern Finncattle	347	3 972	3.41	4.14	4 106	170
Jersey	1 834	6 745	3.47	4.48	7 207	197
Other	537	5 359	3.35	4.27	5 577	218
All	228 954	8 958	3.36	4.14	9 171	175

Source: ProAgria

¹⁾ energy corrected milk output

Locality

NUMBER OF AGRICULTURAL AND HORTICULTURAL ENTERPRISES

Farm size Hectares of arable land	1995 pcs	2005 pcs	2012 pcs	2013 ¹⁾ pcs	% of farms	% of arable lands
0–5	9 988	5 228	4 849	3 297	6	0
5–10	17 049	8 765	7 376	6 114	11	2
10–15	16 918	8 481	6 493	5 832	11	3
15–25	25 634	13 989	10 399	9 692	18	9
25–50	23 870	19 660	15 016	14 430	26	23
50–75	4 508	7 549	7 048	6 954	13	19
75–100	1 209	3 116	3 613	3 602	7	14
100–150	622	1 990	2 805	2 906	5	15
150–	166	739	1 443	1 571	3	15
Total	99 964	69 517	59 042	54 398	100	100

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry

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	2012 ¹⁾	2013 ¹⁾	Change 13/12 %
pcs	78 434	55 816	54 398	-3

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry

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

OWNERSHIP OF AGRICULTURAL AND HORTICULTURAL ENTERPRISES

Category	1995 pcs	2005 pcs	2012 pcs	2013 ¹⁾ pcs	% farms	% of arable land
Private individuals	86 933	61 477	51 849	47 545	87.4	..
Heirs	12 468	7 297	6 325	5 739	10.6	..
State, communes etc.	563	743	868	1 114	2.0	..
Total	99 964	69 517	59 042	54 398	100	100

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry

In 1995 farms with over 1 ha of arable land

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

AGRICULTURAL LABOUR FORCE

Labour force in thousands	1995	2005	2012	2013
Farmers	116	73	63	59
of which women	37	22	18	16
Permanent employees	25	20	16	17
of which women	12	9	7	8
Total	141	93	79	76

Source: Statistics Finland

SPECIALIZATION IN AGRICULTURAL AND HORTICULTURAL ENTERPRISES

Number of farms	1995	2005	2012 ¹⁾	%	2013 ¹⁾	%
Dairy farms	32 480	16 495	9 007	16	8 497	16
Beef farms	9 394	4 508	4 059	7	3 941	7
Pig farms	6 249	3 165	1 098	2	1 020	2
Poultry farms	2 239	976	332	1	395	1
Crop farms	42 287	40 960	35 469	64	34 843	64
of which grain growing	..	28 563	19 807	36	19 579	36
Others	7 315	3 413	5 851	10	5 702	10
Total	99 964	69 517	55 816	100	54 398	100

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry

Note: In 1995 farms with over 1 ha of arable land

¹⁾ The definition of an agricultural and horticultural enterprise was revised.

The figures cannot be compared with figures from 1995 and 2005.

INCOME OF AGRICULTURAL AND HORTICULTURAL ENTERPRISES PER PRODUCTION SECTOR

	Taxable income total spouses together			Farm economy's income spouses together		
	2005 €	2011 €	2012 €	2005 €	2011 €	2012 €
Dairy farms	39 878	58 958	61 561	30 734	47 385	49 523
Other cattle farms	38 772	54 099	56 913	19 983	28 777	29 776
Poultry farms	60 272	76 491	82 323	35 880	48 166	53 178
Pig farms	47 593	66 457	67 415	31 980	43 674	44 627
Sheep, goats, horses	40 398	48 374	50 446	4 995	7 271	8 148
Crop farms (grain)	44 271	58 829	60 514	10 397	15 081	15 364
Other crop farms	43 334	54 443	54 773	11 756	14 989	14 657
Other farms	37 542	55 025	55 431	6 533	9 310	9 825
Average	44 008	59 085	61 172	19 032	26 832	28 137

Source: Statistics Finland

OTHER ENTREPRENEURSHIP ON AGRICULTURAL AND HORTICULTURAL ENTERPRISES

Number of farms	2000¹⁾	2005¹⁾	2007¹⁾	2010
Industry	4 786	3 753	4 777	2 747
food processing	1 065	684	621	479
other agricultural products processing	134	152	140	94
timber processing	1 349	889	1 122	583
making handicrafts for sale	274	277	414	155
energy production	959	1 037	1 573	907
other industrial production	1 005	714	907	529
Construction industry	²⁾	881	1 042	438
Trade	1 056	1 298	1 298	850
Services	15 252	16 547	14 470	13 793
tourism, accommodation and recreation services	2 272	1 865	1 627	1 440
contracting	8 880	10 013	8 539	8 896
other services	4 100	4 669	4 304	3 457
Other primary production	744	1 815	1 504	981
fish, crayfish etc. farming	112	65	²⁾	48
fur farming	632	510	²⁾	315
reindeer husbandry	²⁾	573	²⁾	365
fishing industry	²⁾	144	²⁾	104
other primary production	²⁾	523	²⁾	149
Farms whose line of business is unknown			88	721
Number of farms with other entrepreneurship	21 838	24 294	23 179	19 530

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry, MTT, Agrifood Research Finland

¹⁾ figures for 2000, 2005 and 2007 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

N.B. All farms operating in the sector concerned are included in the figures.

USE OF ARABLE LAND

In thousands, ha	1995 1 000 ha	2005 1 000 ha	2012 1 000 ha	2013 1 000 ha
Grassland	755	620	660	650
Cereals, total	978	1 188	1 154	1 179
wheat	101	215	242	231
rye	21	14	21	12
barley	516	595	503	533
oats	329	346	353	367
mixed grain	11	16	32	33
other cereals	1	1	2	2
Oil plants	85	77	69	53
Sugar-beets	35	31	12	12
Potatoes	36	29	23	22
Other crops	29	49	64	54
Area in production	1 918	1 993	1 981	1 969
Fallow ¹⁾	223	241	267	254
Cultivated area	2 141	2 235	2 248	2 223
drained area	1 361 ²⁾	1 290	1 329	..

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry, The Finnish Field Drainage Association

¹⁾ including managed, uncultivated fields in 2012 and 2013

²⁾ includes drained field area that has been removed from cultivation

	1995 ha	2005 ha	2012 ha	2013 ha
Mean arable land	21.7	33	38.9	41.5

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry

CROP

	1995	2005	2012	2013
Wheat				
area (in 1 000 ha)	101	215	227	228
total yield (M kg)	380	801	887	869
yield kg/ha	3 770	3 730	3 900	3 820
Rye				
area (in 1 000 ha)	21	14	21	12
total yield (M kg)	58	32	64	26
yield kg/ha	2 770	2 290	3 090	2 090
Barley				
area (in 1 000 ha)	516	594	451	494
total yield (M kg)	1 764	2 103	1 581	1 904
yield kg/ha	3 420	3 540	3 500	3 850
Oats				
area (in 1 000 ha)	329	345	314	344
total yield (M kg.)	1 097	1 073	1 073	1 197
yield kg/ha	3 330	3 110	3 420	3 480
Sugar-beets				
area (in 1 000 ha)	35	31	12	12
total yield (M kg)	1 110	1 181	399	480
yield kg/ha	31 900	37 870	34 790	40 190
Oil plants				
area (in 1 000 ha)	85	77	57	53
total yield (M kg)	128	106	73	80
yield kg/ha	1 500	1 380	2 810	3 160
Peas				
area (in 1 000 ha)	5	4	4	4
total yield (M kg)	11	8	9	11
first grade product %	2 420	93	2 320	2 570
Potatoes				
area (in 1 000 ha)	36	29	21	22
total yield (M kg)	798	743	490	622
first grade product %	22 110	25 700	23 650	28 120
Vegetables				
total yield (M kg)	234	248	228	255
tomatoes	31	38	38	38
cucumber (greenhouse)	24	32	34	36
cabbage	24	19	21	22
carrots	61	67	56	71
onions	17	21	21	23
Potted vegetables (M pcs)	30	64	87	97

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry

AGRICULTURAL PRODUCTION COSTS

	2000 MEUR	2005 MEUR	2012 MEUR	2013 p. MEUR
Material costs	1 525	1 628	2 131	2 163
Fertilizer, lime	193	185	279	284
Other crop production costs	264	324	378	389
Fuel and lubricants	189	207	339	309
Electricity	114	102	203	193
Forage costs	482	454	558	589
Livestock costs	282	357	375	399
Farm operating costs ¹⁾	318	314	544	449
Machinery cost	757	885	1 061	1 056
Depreciation of machines	445	545	578	576
Other machinery costs	311	340	483	479
Building costs	301	329	379	378
Depreciation of buildings	237	273	317	316
Other building costs	64	57	62	62
Other cost	641	785	903	936
Insurance cost paid	227	262	308	300
Fixed rents paid	82	104	141	156
Other depreciations	44	45	50	50
Other costs	288	373	404	429
Wages costs	1 493	1 771	1 522	1 481
Wages paid	190	180	223	226
Wages claim	1 303	1 591	1 299	1 255
Interest costs	598	622	852	698
Interest paid	133	114	120	104
Interest claim of equity	465	508	732	593
Total costs	5 631	6 335	7 392	7 160

Source: MTT Economydoctor. Total Calculation of Agriculture.
Data: MTT Profitability bookkeeping results.

¹⁾ costs of feedstuff and seeds produced and used on the farm

AGRICULTURAL GROSS RETURN

Income from	2000 MEUR	2005 MEUR	2012 MEUR	2013 p. MEUR
Crop revenues total	875	724	1 270	1 134
Rye and wheat	85	74	200	188
Barley	174	161	326	274
Oats and other cereals	139	86	230	177
Oilseeds	15	19	29	52
Grass crops	260	209	390	332
Potato and sugar beet	183	158	75	91
Pulses and other crops	21	16	21	21
Livestock revenues total	1 612	1 653	2 033	2 126
Cattle revenue	1 089	1 094	1 508	1 563
Pig production	311	360	314	342
Poultry revenues	204	194	175	184
Sheep and goat revenues	9	6	36	37
Glasshouse and outdoor horticultural revenues total	549	517	562	554
Financial yields	16	14	12	12
Other income	147	169	221	254
The sum of subsidies	1 776	1 966	2 023	1 998
CAP subsidies	385	514	617	599
LFA- and environmental subsidies	721	747	807	832
National and investment subsidies	667	702	596	567
Gross return total	4 976	5 042	6 121	6 078

Source: MTT Economydoctor. Total Calculation of Agriculture.

Data: MTT Profitability bookkeeping results

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

BEEKEEPING FIGURES IN 2013

The Finnish Beekeepers' Association members	2 102
Professional beekeepers ¹⁾	60
Organic beekeepers	57
Number of productive beehives	48 000
Number of organic beehives	4 116
Yield per beehive, kg	40
Honey production, tonnes	1 600
Imported honey, tonnes	1 391
Honey consumption, tonnes	2 332
Honey consumption, g/person	430
Winter beehive losses ²⁾ , %	16.2

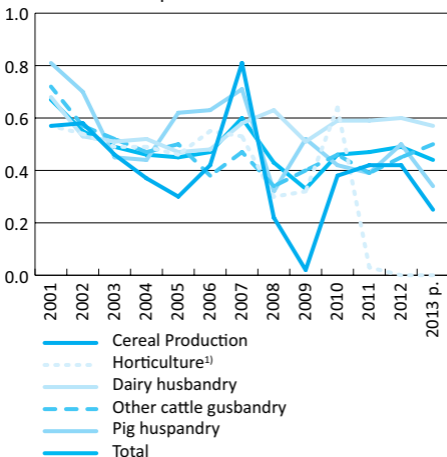
Source: Suomen Mehiläishoitajain Liitto SML ry

(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

PROFITABILITY COEFFICIENT ON THE FINNISH FARMS 2001–2013 p.



Source: Total Calculation of MTT Economic Research

¹⁾ data for 2012 and 2013 not available

ENTREPRENEURIAL INCOME

	2000 MEUR	2005 MEUR	2012 MEUR	2013 p. MEUR
Entrepreneurial income	1 114	808	755	766

Source: MTT Economydoctor. Total Calculation of Agriculture.

Data: MTT Profitability bookkeeping results.

PRODUCER PRICES

Annual average		1995	2005	2012	2013	Change 12/13 %
Milk	c/ltr					
producer price ¹⁾		31.3	31.5	38.8	39.8	2.8
surplus payment		1.5	2.2	3.7	3.7	2.2
Meat	€/kg					
beef		2.4	2.1	2.8	3.1	10.8
pork		1.3	1.3	1.6	1.7	8.7
chicken		1.1	1.1	1.4	1.5	7.9
lamb		1.9	2.6	3.5	3.9	11.4
horse		1.3	0.3	..	..	..
Eggs	€/kg	0.5	0.6	1.2	1.2	0.9
Grain and rootcrops						
wheat ²⁾	€/tn	147.0	106.2	198.6	200.0	0.7
rye ²⁾	€/tn	149.5	118.4	214.1	218.1	1.9
barley ²⁾	€/tn	122.3	99.5	189.8	175.2	-7.7
oats ²⁾	€/tn	118.4	87.1	184.2	168.5	-8.5
malt ²⁾	€/tn	142.1	115.3	215.1	210.2	-2.3
food						
potatoes ³⁾	€/100 kg	..	..	16.0	24.0	50.0
oil plants ²⁾	€/tn	..	200.1	468.1	408.8	-12.7

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry, Gallup Food and Farm Facts

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.

NON-COMPLIANT FOODS 2013

Inspected foods	Inspected batches, number	Non-compliant batches (%)	Batches issued a notice (%)
Vegetables and mushrooms	666	8.6	5.9
Vegetable products	112	9.8	8.9
Fruit and berries	775	2.6	4.8
Fruit products	107	10.3	10.3
Nuts, almonds and products	147	10.2	8.2
Juices and drinks	144	26.4	13.9
Cereal and bakery products	315	10.8	11.4
Sweets, sugar and honey	75	13.3	5.3
Spices and spice products	159	15.7	11.9
Cocoa products, coffee and tea	151	10.6	9.3
Sauces, soups and broths	115	13.9	14.8
Food supplements	76	50.0	21.1
Dietetic products	33	27.3	9.1
Baby foods	31	0.0	6.5
Other foods	231	20.3	28.6
Total	3 137	11.1	9.8

Source: Customs Laboratory

CAUSES OF NON-COMPLIANCE 2013

Cause of non-compliance	Number of batches	%
Labelling	152	35.5
Plant protection products	74	17.3
Additives	46	10.7
Comparison between composition and legislation	43	10.0
Microbiological causes	25	5.8
Allergens	24	5.6
Irradiation	13	3.0
Food product composition	13	3.0
Other analyses ¹⁾	11	2.6
Mycotoxins	10	2.3
GMO	8	1.9
Contaminants ²⁾	6	1.4
Heavy metals	2	0.5
Minerals	1	0.2
Can inspection	0	0.0
Meat type recognition	0	0.0
Radioactivity	0	0.0
Vitamins	0	0.0
Total	428	100.0

Source: Customs Laboratory

¹⁾ includes e.g. inspection of documents

²⁾ PAH, MCPD, nitrate, melamine, phthalates

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

	EU-27 average		Finland		
	2010	2012	2010	2012	2013
Number of targeted samples	418 081	427 195	4 344	4 424	4 341
Non-compliant samples %	0.33	0.25	0	0.02	0

Source: EFSA and Finnish Food Safety Authority Evira

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 2013

Product safety

Inspections, number	Primary production	Manufacture and packaging	Distribution and transport	Retail sales	Service sector	Manufacturers selling primarily on a retail basis	Total
Number of establishments	25 971	3 056	3 149	10 585	30 224	0	72 985
Number of establishments inspected	1 584	3 018	634	4 468	15 091	0	24 795
Number of inspections	1 945	4 036	1 050	7 203	21 730	0	35 964
Number of establishments committing infringements	0	413	74	1 016	3 997	0	5 500
Type of infringement							
Hygiene (HACCP, training)	163	56	5	271	1 866	0	2 361
General hygiene	269	182	22	986	4 058	0	5 517
Composition	0	12	0	2	0	0	14
Contamination (other than microbiological)	64	41	0	2	0	0	107
Labelling and presentation	0	30	3	140	66	0	239
Other	170	18	0	31	115	0	334

Source: Finnish Food Safety Authority Evira, Report on the implementation of the Multi-annual National Food Chain Control Audit Plan 2012–2016 in 2013

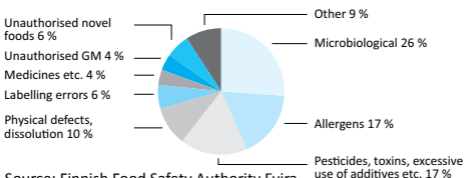
NUMBER OF RECALLS

	2005	2010	2012	2013
Recalls ¹⁾ , number	28	84	86	134

Source: Finnish Food Safety Authority Evira

¹⁾ incl. both retailer and mass caterer recalls

REASONS FOR PRODUCT WITHDRAWALS 2006–2013



Source: Finnish Food Safety Authority Evira

FOODBORNE AND WATERBORNE OUTBREAKS AND NUMBER OF PERSONS AFFECTED 2013

Disease-causing agent	Number of outbreaks	Number of persons affected	
	N=47	N=793	%
Foodborne			
Bacillus cereus	3	11	2
Escherichia coli	2	20	3
Salmonella	2	13	2
Norovirus	13	309	54
Hepatitis A virus	1	15	3
Histamine	3	27	5
Copper	1	10	2
Datura stramonium seedpods	1	10	2
Unknown	17	158	28
Total	43	573	100
Waterborne			
Norovirus	1	174	79
Lye	1	2	1
District heating chemicals	1	4	2
Unknown	1	40	18
Total	4	220	100

Source: Finnish Food Safety Authority Evira

FOODBORNE AND WATERBORNE OUTBREAKS BY DISEASE-CAUSING AGENT 2013

Product safety

Disease-causing agent	Unknown or several foodstuffs	Vegetables and vegetable products	Fish and fish products	Milk and milk products	Drinks	Eggs and egg products	Meat and meat products	Cereals and cereal products	Bakery products	Total
Bacillus cereus		3								3
Escherichia coli	2									2
Salmonella	1			1						2
Norovirus	8	2	2			1				13
Hepatitis A virus		1								1
Histamine	1		2							3
Copper					1					1
Datura stramonium seedpods		1								1
Unknown	17									17
Total	29	7	4	1	1	1	0	0	0	43
%	67	16	9	2	2	2	0	0	0	100

Source: Finnish Food Safety Authority Evira

FOOD CONSUMPTION PER CAPITA IN FINLAND AND IN THE EU

Consumption kg/capita	1995	2005	2011	2012	EU-27¹⁾	2013 p.
Grain	69.8	78.8	78.8	79.2	124.9	80.0
Potatoes	59.6	62.0	..	52.3	71.9	52.3
Meat, total ³⁾	60.3	73.0	77.6	77.5	82.5	77.1
beef and veal	18.8	18.6	18.6	18.9	15.7	18.4
pork	32.0	33.5	36.4	36.0	40.4	35.6
poultry meat ³⁾	9.0	16.1	18.2	19.1	21.7	19.5
other meat	0.6	4.8	4.4	3.5	4.8	3.6
Liquid milk products, total (litres)	198.1	189.7	183.8	181.7	240.1 ²⁾	180.2
milk	145.6	134.6	127.6	133.9	..	133.5
sour milk products	37.1	36.8	40.7	38.6	..	37.3
cream	6.3	5.8	6.3	6.7	4.0	6.7
Butter	5.2	2.7	4.1	4.2	3.7	4.4
Vegetable oils	..	..	..	5.6	..	5.2
Cheese	15.3	18.6	22.5	21.9	..	23.2
Ice cream (litres)	14.1	14.0	12.3	..	..	..
Eggs	11.7	9.3	10.0	10.6	12.0	10.7
Sugar	35.4	32.0	30.1	29.8	34.5	28.9
Fruit	75.9 ⁴⁾	75.9	58.2 ⁵⁾	59.1 ⁵⁾	100.1 ⁴⁾	58.1 ⁵⁾
Vegetables	61.7	68.4	..	57.4	115.8	60.9
Fish (gutted)	14.0	14.1	15.2	16.0	..	16.0
Coffee (roasted)	8.3	9.6	12.7	..	4.8	..
Soft drinks (litres)	45.8	52.0	56.0	45.7	..	45.5
Beer (litres) ⁶⁾	82.7	90.6	89.0	79.2	70.1	85.6
Wine (litres)	8.2	10.8	..	12.4	24.4	12.1
Spirits (litres)	4.9	6.7	5.4	5.2	..	4.9

Source: Gallup Food and Farm Facts, Tike, Ministry of Agriculture and Forestry, FAO – Statistics Division – Food Balance Sheet, Canadean, ICO (International Coffee Organization), Federation of The Brewing and Soft Drinks Industry

¹⁾ in 2011

²⁾ dairy products, excluding butter

³⁾ the calculation bases were changed in 2007–2012

⁴⁾ including berries

⁵⁾ excluding fruit juice

⁶⁾ since 2009 also private importing included

AVERAGE DAILY INTAKE OF ENERGY-YIELDING NUTRIENTS AND FIBRE AND PERCENTAGE OUT OF THE TOTAL ENERGY INTAKE

	Intake per day		E% ¹⁾		Recommendation
	Men	Women	Men	Women	
Protein, g	95.0	72.0	17.3	17.2	10–20 E%
Fat ²⁾ , g	93.0	71.0	37.0	35.9	25–40 E%
Saturated fat ³⁾ , g	39.0	30.0	15.5	15.1	< 10 E%
Monounsaturated fat ³⁾ , g	36.0	27.0	14.5	13.8	10–20 E%
Polyunsaturated fat ³⁾ , g	17.2	13.4	6.9	6.9	5–10 E%
Carbohydrates, g	230.0	186.0	42.2	43.9	45–60 E%
Sucrose, g	51.0	43.0	9.2	10.0	≤ 10 E%
Fibre g/MJ	2.4	2.9			3 g/MJ
Energy, MJ (kcal)	9.4 (2 243)	7.3 (1 733)			

Source: The National Findiet 2012 Survey

25–64 years old

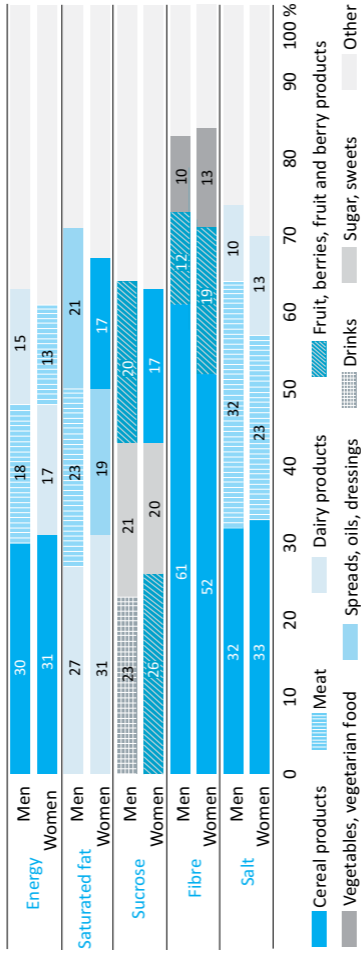
Energy includes fibre and alcohol

¹⁾ percentage of nutrient intake out of the total energy intake

²⁾ crude fat

³⁾ as triglycerides

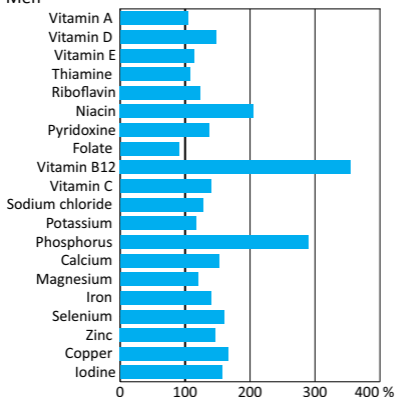
MOST IMPORTANT SOURCES OF ENERGY AND NUTRIENTS



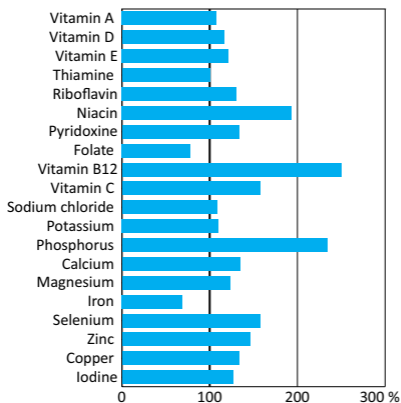
Source: The National FINDIET 2012 Survey
25–64 years old

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

Men



Women



Source: The National FINDIET 2012 Survey
25–64 years old

FINNS' DAILY MEALS (percentage)

Children/teenagers ⁴⁾

Working-age population

Older people

Primary school ⁵⁾ Secondary school ⁶⁾ Upper secondary school/vocational school ⁷⁾

	Primary school ⁵⁾		Secondary school ⁶⁾		Upper secondary school/vocational school ⁷⁾		Working-age population		Older people	
	Boys	Girls	Boys	Girls	Boys	Girls	Men	Women	Men	Women
Breakfast	90	91	63 ⁸⁾	67 ⁸⁾	57	60	91	95	94	98
Lunch	96	94	85 ⁸⁾	73 ⁸⁾			84	86	79	84
Dinner	86	91	77 ⁸⁾	67 ⁸⁾			83	81	72	72
Snack ¹⁾	70	68	29 ⁸⁾	35 ⁸⁾			88	95	92	95
Evening snack	92	87	69 ⁸⁾	64 ⁸⁾			80	85	81	85
Drink as a meal ²⁾										
School meal			68	65	71	71	86	84	74	77
Meal with family ³⁾			48	42	41	37				

Sources: The National FINDIET 2012 Survey, Late-tutkimus, Kouluterveytutkimus 2013 (Late Study, School Health Study 2013)

¹⁾ for children, snack in the afternoon

²⁾ meal that only consists of a drink

³⁾ meal in the afternoon or evening when the family eats together

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 (%)

	Adults ¹⁾	Pensioners ²⁾
Index of diet quality		
Daily consumption of fruit and berries ³⁾	31	34
Daily consumption of fresh vegetables ³⁾	44	31
Use skimmed milk	40	27
Use mainly margarine or vegetable oil spread with bread	51	61
Alcohol consumption		
Never	13	25
At least once a week	34	26
Daily	3	4
Smoke daily	14	7
Overweight or obese ⁴⁾	50	43
Sleep		
Less than 6 hours		4
6–8.9 hours		87
9 hours or more		9

Sources: Health Behaviour and Health among the Finnish Adult Population, Spring 2013, Health Behaviour and Health among the Finnish Elderly, Spring 2011, Finrisk 2012 Study

¹⁾ 15–64 years old, 2013

²⁾ >65 years old, 2011

³⁾ 6 or 7 days a week

⁴⁾ for adults with a BMI of 25 or higher; for pensioners with a BMI of 27 or higher

LEVEL OF SELF-SUFFICIENCY IN FOOD PRODUCTS

Ratio of production to consumption (%)	1994	2005	2012	2013
Bread grain	75	102	114	115
Dairy products, liquid milk	112	106	95	95
Beef and veal	111	89	79	81
Pork	113	116	99	100
Eggs	130	119	111	115
Sugar	68	83	36	45
Tomato	..	62	60	61
Cucumber	..	74	77	79
Carrot ¹⁾	..	94	92	92
Onion ²⁾	..	80	92	92
Cauliflower	..	62	82	82
Strawberry	..	67	83	70
Raspberry	..	24	26	19
Apple ³⁾	..	21	8,5	9
Apple (includes private gardening)	..	31	17	19

Sources: Gallup Food and Farm Facts, Finnish Horticultural Products Society and Finnish Association of Fruit and Berry Growers, National Board of Customs, Tike

¹⁾ including turnip

²⁾ excluding garlic and leek

³⁾ numbers are estimates (do not include private gardening)

National food production's share of the daily consumer goods trade was 79 percent in 2012.

Source: Finnish Food and Drink Industries' Federation.

DOMESTIC SALES OF FINNISH FOOD PRODUCTS

	1995	2005	2009	2010
Alcoholic beverages (incl. imports, 1 000 litres)				
Spirits	25 058	34 641	31 620	29 926
Fortified wines	7 201	4 927	4 442	4 088
Light wines	34 479	52 181	60 054	61 129
Ciders	17 127	52 872	51 613	49 677
Long drinks	12 300	25 443	47 514	48 227
Ice cream (incl. imports, 1 000 litres)	72 250	73 510	68 790	74 427
Coffee (incl. imports, 1 000 kg)				
Roasted coffee	40 715	50 500	52 900	53 800
Meat (consumption, incl. imports, 1 000 kg)				
Pork	169 900	175 700	183 700	187 000
Beef	99 300	97 500	95 100	99 800
Poultry	44 300	84 300	93 000	97 400
Malt beverages (incl. breweries' imports, 1 000 litres)	415 289	425 459	419 018	395 163
Juices (1 000 litres)	243 192	269 715	248 716	258 304
Dairy products (consumption, incl. imports)				
Liquid milk products (1 000 litres)	976 800	948 700	992 500 ¹⁾	994 300
Cheese (1 000 kg)	77 000	97 500	110 700	114 800
Milk powder (1 000 kg)	10 068	6 375	6 029	6 202
Milling products ²⁾ (1 000 kg)	411 785	432 368	422 878	414 784
Frozen products (incl. imports, 1 000 kg)	76 793	135 385	133 745	139 059
Edible fats (1 000 kg)				
Margarine (incl. imports)	42 600	38 800	..	..
Dairy butter ³⁾	26 500	13 900	15 400	16 600
Butter vegetable oil mixture ³⁾	13 400	15 800	14 700	14 900
Sugar (1 000 kg)				
Sugar (sales)	200 000	172 000	192 200	183 700
Beet sugar (production)	163 000	179 000	88 000	80 300
Chocolate and confectionary (1 000 kg)	28 539	43 245	41 359	45 733
Canned products (1 000 kg)	58 154	49 284	..	..
Starch (production, incl. technical use, 1 000 kg)	122 036	110 275	70 289	78 772
Soft drinks and mineral waters (1 000 litres)				
Soft drinks	237 166	272 910	267 862	263 856
Mineral waters	31 339	63 203	58 900	64 921

Source: Gallup Food and Farm Facts, Ministry of Agriculture and Forestry, Balance Sheet for Food Commodities, Finnish Food and Drink Industries' Federation

¹⁾ 2009 1 000 kg

²⁾ grain milled in Finland (incl. exports), calculated as grain

³⁾ includes use in the production of processed cheese, cream cheese and ice cream

FOOD MANUFACTURERS BY SECTOR

Economy

Sector	2000		2012		2013	
	< 20 people	≥ 20 people	< 20 people	≥ 20 people	< 20 people	≥ 20 people
Slaughter and meat processing	330	50	383	40	374	40
Fish processing	243	13	293	13	298	16
Processing of vegetables, berries and fruit	373	22	422	24	439	22
Dairy processing	108	42	85	29	81	31
Milling industry	145	8	123	18	124	16
Bakeries	991	110	848	85	879	86
Production of beverages	85	14	104	15	116	16
Processing of other foodstuffs	330	48	331	41	351	42
Total	2 605	307	2 589	265	2 662	269

Source: Food Finland theme group

FOOD INDUSTRY KEY SECTORS

Economy

Sector	Gross value of production		Change		Raw	Value added		Change		Salaries		Employees total
	2012	11/12	11/12	%		2012	11/12	11/12	%	2012	2012	
	MEUR	MEUR	%	%	MEUR	MEUR	MEUR	%	MEUR	MEUR		
Slaughter and meat processing	2 757.5	2 757.5	7.1		1 564.9	508.0	287.6	0.7	287.6	287.6	7 596	
Dairy products and ice cream	2 739	2 739	1.7		1 689.4	435.3	219.9	1.5	219.9	219.9	4 845	
Fruit and vegetables	473.2	473.2	0.2		294.5	128.8	62.3	-4.3	62.3	62.3	1 634	
Fish products	311.1	311.1	8.0		227.0	68.1	29.3	33.1	29.3	29.3	830	
Edible oils and fats	228.9	228.9	-4.4		153.4	35.7	12.4	-11.4	12.4	12.4	270	
Milling products and starch	358	358	5.8		190.9	52.8	28.7	-22.0	28.7	28.7	496	
Malt	81.7	81.7	-8.5		56.8	17.8	7.5	28.6	7.5	7.5	168	
Animal fed	668	668	7.6		525.2	88.6	34.3	-1.5	34.3	34.3	788	
Alcoholic beverages	1 051.7	1 051.7	0.2		602.4	307.5	134.8	4.7	134.8	134.8	2 909	
Soft drinks, bottled water	90.4	90.4	8.0		47.0	29.5	8.6	-7.6	8.6	8.6	210	
Bakery products	1 069.6	1 069.6	-2.3		293.9	473.7	241.5	0.2	241.5	241.5	7 435	
Chocolate, cocoa and confect.	460	460	6.6		164.1	132.7	59.8	1.6	59.8	59.8	1 640	
Seasonings and stocks	87.9	87.9	10.8		57.9	18.5	10.7	0.8	10.7	10.7	311	
Convenience food	353.4	353.4	7.9		117.3	110.1	61.2	32.7	61.2	61.2	1 756	
Other foodstuff	859.6	859.6	13.9		429.1	190.7	66.0	8.0	66.0	66.0	1 627	
Total	11 590	11 590	3.6		6 413.8	2 597.8	1 264.6	2.5	1 264.6	1 264.6	32 512	

Source: Statistics Finland, regional and industrial statistics on manufacturing

IMPORT AND EXPORT OF FOODSTUFFS

	Import MEUR			
	1995	2005	2012	2013
Industrial products				
Spirits, strong drinks + wines	99.5	267.8	362.2	329.6
Fats and oils	31.1	41.2	198.8	56.7
Fruit preserves	28.3	47.1	82.1	62.1
Honey	1.3	2.2	5.5	5.9
Coffee (instant and roasted)	11.3	19.7	68.2	64.4
Fish products	50.1	82.2	154.2	165.1
Fruit juices and extracts	9.1	13.0	16.0	17.3
Vegetable preserves	18.2	38.7	61.9	63.8
Soups	8.5	12.8	17.3	16.9
Babyfood	2.0	9.3	21.4	22.7
Meat	57.3	102.8	234.5	218.5
Meat products	12.3	41.6	101.9	111.1
Dairy products	63.6	178.8	397.1	407.2
Malt	1.7	0.4	0.5	4.0
Margarin	6.9	23.6	28.0	35.6
Frozen berries and vegetables	23.6	59.0	104.9	102.3
Juices	32.6	46.2	62.1	56.3
Milling industry products	1.4	3.0	8.4	9.6
Beer	7.4	20.6	35.5	38.2
Potato flour	0.5	1.6	0.6	0.5
Feed products	83.7	147.0	261.6	304.1
Mustard	1.0	4.7	3.5	3.8
Sugar and molasses	9.9	33.5	45.7	36.5
Sugarchemical products	3.5	6.4	5.4	4.8
Chocolate and sweets	90.9	134.7	193.8	210.0
Tomatosauce	5.8	13.9	21.8	23.0
Starch	69.5	82.0	120.4	120.1
Grain products	66.2	197.3	319.1	341.5
Soft drinks and mineral waters	4.0	33.5	47.9	47.3
Other foodstuffs	60.9	116.4	221.5	242.3
Industrial products total	860.1	1781.6	3 201.3	3 121.0
Agricultural products				
Special vegetables ¹⁾	49.0	57.3	100.7	95.2
Fruits	146.7	220.3	280.9	303.2
Cocoa beans	0.2	0.0	0.1	0.1
Raw coffee	124.3	115.7	225.1	160.9
Fresh fish	14.4	65.6	149.6	189.4
Egg	0.1	1.3	5.6	2.4
Berries	2.6	5.7	10.1	14.6
Spices	4.4	6.8	12.3	12.4
Nuts	7.4	9.5	21.3	22.3
Raw sugar	17.7	26.7	69.9	82.1
Tea	6.9	11.4	16.8	14.6
Vegetables	62.5	113.6	177.3	192.3
Grain	37.2	28.5	40.8	38.4
Crabs	2.4	4.1	12.1	11.3
Agricultural products total	475.6	666.7	1 122.5	1 139.3
All foodstuffs total	1 335.8	2 448.3	4 327.3	4 277.3

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

¹⁾ oilseeds and oilfruits, sugarbeet and sugarcane, other seeds and plant parts

Change 13/12 %	Export MEUR			2012	2013	Change 13/12 %
	1995	2005	2012			
-9.9	40.1	73.4	134.7	136.1	1.0	
-250.5	7.0	26.5	44.6	21.3	-109.1	
-32.2	2.6	3.9	5.0	4.9	-2.5	
6.8	0.0	0.0	0.0	0.0	0.0	
-5.9	21.9	8.0	29.8	28.7	-3.8	
6.6	13.2	9.6	20.7	16.9	-22.2	
7.3	0.0	1.6	3.2	2.6	-24.8	
2.9	2.4	4.9	6.7	5.2	-28.2	
-2.5	0.4	0.4	1.4	2.2	37.6	
5.5	7.4	4.9	8.0	9.3	13.5	
-7.3	26.4	91.5	116.9	123.9	5.6	
8.3	11.4	8.5	8.3	9.7	14.2	
2.5	161.9	303.1	482.1	523.8	8.0	
87.6	15.7	21.9	21.4	16.0	-33.6	
21.4	30.7	32.7	28.3	6.9	-309.6	
-2.6	9.0	18.2	29.1	28.4	-2.3	
-10.3	13.0	2.1	3.4	3.2	-5.2	
11.9	4.3	7.7	21.4	26.4	18.9	
7.1	19.7	11.3	16.1	14.6	-10.4	
-30.6	0.2	0.5	0.6	0.3	-83.5	
14.0	15.0	21.7	41.4	46.0	10.0	
7.0	0.4	0.3	0.6	0.7	11.6	
-25.2	9.6	18.7	29.5	27.3	-8.3	
-13.3	13.4	81.5	0.0	0.0	0.0	
7.7	94.9	86.3	104.9	103.3	-1.5	
7.9	6.6	0.3	0.8	0.9	15.5	
-0.2	8.5	15.7	9.3	9.5	1.7	
6.6	44.1	53.4	67.9	79.3	14.4	
-1.3	7.4	4.8	8.4	19.7	57.4	
8.6	21.5	48.0	21.0	24.3	13.6	
-2.6	609.0	961.9	1 265.5	1 291.4	2.0	
-5.8	0.1	0.0	2.5	2.0	-27.3	
7.4	13.0	0.8	1.4	1.4	5.3	
-48.8	0.0	0.0	0.0	0.0	0.0	
-39.9	2.3	0.0	11.3	10.9	-3.6	
21.0	2.1	3.3	20.7	23.8	13.1	
-134.4	7.1	6.6	12.8	11.7	-9.4	
30.7	0.8	0.2	2.8	2.6	-7.4	
0.4	1.5	1.9	7.1	6.8	-4.2	
4.7	0.1	0.0	0.1	0.2	41.9	
14.9	0.0	0.8	1.2	1.0	-18.2	
-14.8	3.4	0.7	1.0	1.2	19.2	
7.8	7.2	3.9	8.6	5.4	-59.6	
-6.1	35.8	42.3	149.8	130.3	-15.0	
-6.7	0.7	0.2	0.2	0.4	43.3	
1.5	74.0	60.9	219.5	197.7	-11.0	
-1.2	683.1	1 022.8	1 485.3	1 489.2	0.3	

The numbers of the table are rounded, the sum total tells the real total value of the export and the import

FOOD EXPORTS BY COUNTRY

Economy

1995	%	2005	%	2012	%	2013	%
Russia	29.5	Russia	19.7	Russia	27.5	Russia	28.9
Sweden	14.2	Sweden	15.4	Sweden	18.5	Sweden	18.5
Estonia	6.9	Estonia	9.2	Estonia	8.8	Estonia	9.1
Germany	5.1	U.S.	5.9	Germany	5.3	Germany	4.9
Belgium	4.4	Germany	5.3	Norway	3.7	China	3.6
Norway	3.7	UK	4.4	UK	3.4	Denmark	2.7
U.S.	3.6	Poland	3.2	China	3.2	Norway	2.6
UK	3.4	Norway	2.9	U.S.	2.6	U.S.	2.6
Denmark	3.2	Denmark	2.8	Denmark	2.4	UK	2.4
Netherlands	2.8	France	2.8	Poland	2.0	Poland	2.4
Others	23.2	Others	28.4	Others	22.7	Others	22.2
Total	100	Total	100	Total	100	Total	100

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

FOOD EXPORTS BY COUNTRY AND PRODUCT GROUP, EXPORTS 2013

Economy

Russia	1 000 €	Sweden	1 000 €	Estonia	1 000 €
Cheese	128 183	Yoghurt	31 148	Alcoholic beverages	24 769
Butter and other fats and oils derived from milk	73 650	Chocolate	25 257	Coffee, roasted	13 538
Compound feedingstuffs	18 916	Other milk products	24 585	Fish, fresh	10 868
Other milk products	17 561	Milk and cream	20 379	Other foodstuffs	10 643
Alcoholic beverages	16 634	Alcoholic beverages	13 473	Beer	7 854
Milk and cream	14 482	Sweets	12 639	Chocolate	7 694
Soft drinks	12 867	Animal and vegetable fats	10 721	Pork	5 902
Pork	12 116	Butter and other fats and oils derived from milk	10 034	Fish, frozen	5 773
Coffee, raw	10 368	Pork	9 662	Poultry	5 104
Other bakery products	9 779	Other meat and offal	9 398	Animal and vegetable fats	3 168
Yoghurt	9 593	Other cereal products	7 127	Wheat flour	2 999
Milk powder	9 510	Other bakery products	7 070	Birds' eggs	2 690
Malts	8 474	Cheese	6 046	Sweets	2 671
Other cereal products	8 082	Powdered milk	5 841	Cheese	2 406
Other grain mill products	7 804	Fish, fresh	5 560	Granulated sugar	2 318
Chocolate	6 874	Modified starch	5 458	Margarine	1 965
Fish, frozen	5 761	Sausages	5 442	Other cereal products	1 582
Poultry	4 868	Birds' eggs	5 083	Fish, dried	1 575
Beer	4 400	Barley	4 813	Other bakery products	1 491
Other meat and offal	3 532	Beef	4 811	Soft drinks	1 412
Other	46 719	Other	51 279	Other	19 500
Total	430 168	Total	275 826	Total	135 919

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

COST STRUCTURE IN FOOD INDUSTRY 2007–2011

(% of the turnover)

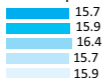
Material costs



Labour costs



Other expenses



Write-off



Interest costs



Taxes



Source: Finnish Food and Drink Industries' Federation

THE SHARE OF FOOD INDUSTRY'S R&D COSTS

(% of production)



Source: Statistics Finland, OECD Main Science and Technology Indicators

CONSUMPTION EXPENDITURE

Private consumption expenditure at current prices, MEUR	1995	2005	2012	2013
Food and non-alcoholic beverages	7 411	9 381	12 819	13 553
Share of food and non-alcoholic beverages in consumption expenditure, %	15	12	12	13
Alcoholic beverages and tobacco	2 976	4 052	4 902	4 967
Clothing and footwear	2 218	3 771	4 767	4 759
Housing and energy	11 889	19 253	27 357	28 580
Household equipment	2 132	4 147	5 361	5 260
Health	1 631	3 367	4 426	4 584
Transport	5 924	10 438	13 224	13 064
Telecommunications	780	2 185	2 461	2 444
Recreation and culture	5 087	9 094	11 984	11 589
Education	228	333	420	414
Hotels, cafés and restaurants	3 383	5 259	6 588	6 714
Other goods and services	4 709	7 074	9 681	9 846

Source: Statistics Finland, National Accounts

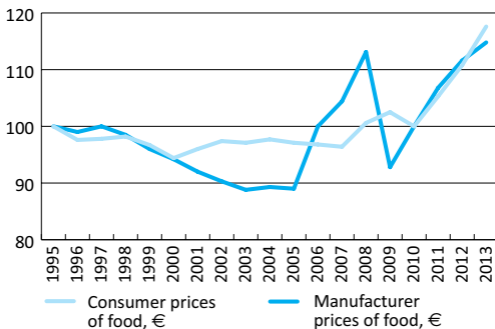
FOOD EXPENDITURE

Food expenditure of households, per capita	1995 €/y	%	2005 €/y	%	2012 €/y	%	2013 €/y	%
Bread and cereal products	232	17	300	18	367	17	381	16
Meat and meat products	310	23	358	21	465	21	497	21
Fish and fish products	58	4	73	4	104	5	115	5
Milk, cheese and eggs	247	18	308	19	426	19	461	20
Fats and oils	42	3	38	2	53	2	50	2
Fruits and vegetables ¹⁾	234	17	331	20	437	20	474	21
Sugar, jam, honey, chocolate and sweets	137	11	169	10	230	10	231	10
Coffee, tea and cocoa	69	5	45	3	74	3	70	3
Other goods ²⁾	34	2	48	3	57	3	55	2
Total	1 363	100	1 670	100	2 213	100	2 334	100

Source: Statistics Finland, National Accounts

¹⁾ including potatoes and potato products²⁾ other drinks are not included

REAL PRICE DEVELOPMENT OF FOOD IN FINLAND



Source: Statistics Finland

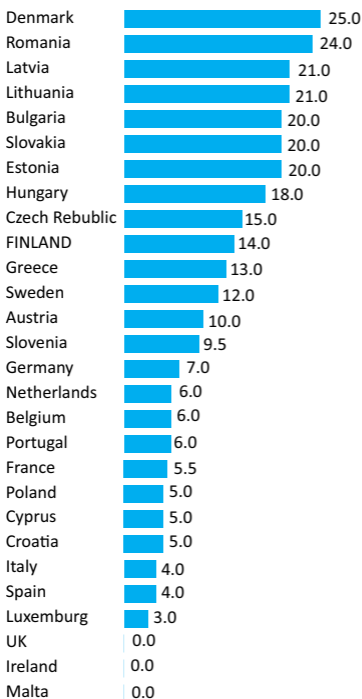
RETAIL PRICES

Prices, €/kg, €/l	1994	2005	2012	2013
Milk				
low-fat milk	0.66	0.74	0.87	1.05
fat free milk	0.58	0.72	0.84	0.97
sour milk ¹⁾	0.58	0.89	1.30	1.33
Cheese				
Emmentaler	8.34	10.59	13.82	14.13
Edam	7.03	7.92	9.58	9.69
Fat				
butter	5.28	4.96	5.84	6.12
margarine	3.73	2.87	3.75	3.85
Meat				
roast of beef ²⁾	11.16	9.08	15.87	16.88
minced beef	7.86	7.44	9.65	10.68
pork escalope ³⁾	7.59	7.89	..	..
broiler fillet ⁴⁾	4.10	2.03	13.12	13.75
salami	15.86	12.19	14.73	15.8
frankfurter (skinless)	5.82	4.68	7.31	7.94
sausage	3.70	3.43	4.44	4.80
Eggs	2.79	2.33	3.93	4.25
Fish				
rainbow trout ⁵⁾	5.84	10.45	14.8	16.14
Grain and vegetable products				
wheat flour	0.90	0.59	0.62	0.69
rye bread	2.79	3.15	..	..
wheat bread	..	3.57	3.60	3.88
wheat coffee bread	5.63	5.79	6.91	7.39
granulated sugar	1.23	1.08	1.06	1.13
food potatoes	1.52	0.65	0.82	0.94
carrots	1.56	1.21	1.56	1.92
tomatoes	2.39	2.98	3.24	3.08
roasted coffee	5.56	5.04	8.22	7.12

Source: Statistics Finland

¹⁾ price calculations for 1994 based on fat free sour milk²⁾ the average price for 1994 calculated from topside³⁾ price calculations for 1994 based on pork chop⁴⁾ price calculations for 1994 based on broiler, drumstick-thigh⁵⁾ price calculations for 1994 based on cleaned and gutted whole fish and for 2005–2012 on filleted fish

THE MOST COMMON VALUE-ADDED TAX ON FOOD IN THE EU-COUNTRIES 2013 (%)



Source: European Commission

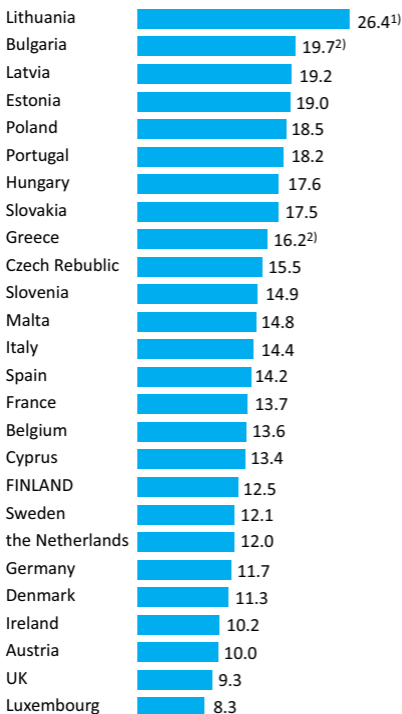
PRICE INDEXES 2012 (EU15=100)

	Household consumption expenditure	Food and non-alcoholic beverages	Food and grain products	Meat and meat products	Fish and fish products	Milk, cheese and eggs	Fats and oils	Fruit, vegetables and potatoes	Other food-stuffs	Non-alcoholic beverages
Netherlands	104.0	90.8	85.3	105.8	102.3	89.2	79.5	90.5	85.6	87.7
Belgium	105.5	103.5	101.5	106.3	116.6	107.1	111.2	95.4	104.8	101.3
Spain	88.3	87.7	104.9	75.3	86.6	90.7	84.7	88.3	99.3	82.8
Ireland	112.1	111.3	103.3	99.6	107.5	115.2	100.8	127.7	113.0	127.0
UK	109.1	97.7	84.5	89.9	94.7	102.8	102.5	107.7	99.1	115.2
Italy	95.8	105.2	106.9	103.8	111.6	122.1	102.6	96.8	112.1	91.7
Austria	103.0	112.7	126.0	119.1	119.2	97.1	118.3	114.1	108.8	110.4
Greece	83.2	98.1	108.7	82.1	112.1	127.2	120.3	72.4	117.2	108.0
Luxembourg	127.6	109.3	110.1	116.8	119.4	114.2	111.0	110.0	104.0	98.1
Portugal	77.9	84.9	92.6	67.9	79.3	100.8	94.9	80.6	110.4	92.1
France	102.3	102.6	99.5	111.2	107.0	95.7	97.0	110.5	98.6	93.2
Sweden	127.1	116.9	127.2	114.3	110.0	107.8	112.2	129.9	112.9	121.4
Germany	94.0	99.9	97.9	115.7	107.6	88.2	97.2	99.9	92.2	100.8
Finland	114.7	112.0	122.1	107.2	106.4	110.0	106.8	111.1	110.6	123.1
Denmark	135.7	134.6	148.4	119.3	122.7	112.5	152.5	123.6	165.7	180.7
EU-15	100	100	100	100	100	100	100	100	100	100

Source: Eurostat/ Suomen Gallup Elintarviketieto Oy

HOUSEHOLDS CONSUMPTION OF FOOD AND NON-ALCOHOLIC BEVERAGES 2012

% from households total consumption



¹⁾ in 2009

²⁾ in 2011

Source: CIAA, Gallup Food and Farm Facts

MEAT

Million kg	1995	2005	2012	2013
Pork				
total production	166	204	193	195
consumption	165	176	195	194
exports ¹⁾	9	40	31	35
imports ¹⁾	10	15	36	33
Beef and veal				
total production	95	87	81	81
consumption	96	98	102	100
exports ¹⁾	6	2	1	2
imports ¹⁾	8	14	23	24
Poultry meat				
production	43	87	107	111
consumption	45	84	102	106
exports ¹⁾	3	10	20	22
imports ¹⁾	0.3	7	17	17
Mutton				
production	2.0	0.6	0.9	1
consumption	2.0	1.9	3,8	3.4
exports ¹⁾	0.0	0.0	0.1	0.1
imports ¹⁾	1.0	1.4	2.9	2.6
Horse meat				
production	0.4	0.1	0.5	0.5
Meat total				
production	306	378	383	388
consumption	308	361	405	406
exports ¹⁾	15	52	52	58
imports ¹⁾	21	39	81	78
Meatproducts export	3.7	2.1	1.4	1.5

Source: Gallup Food and Farm Facts, Tike, Information Centre of the Ministry of Agriculture and Forestry, National Board of Customs

¹⁾ estimated meat in carcass

MILK PRODUCTS AND EDIBLE FATS

	1995	2005	2012	2013
Milk (M litres)				
production	2 397	2 362	2 230	2 260
- yield litres/cow	5 981	7 505	7 876	7 977
received at dairies	2 296	2 293	2 188	2 220
consumption of liquid milk products	1 012	995	996	987
Butter (M kg)				
production	45	50	41	44
consumption	27	14	20	20
exports	19	37	21	24
Cheese (M kg)				
production	96	97	102	102
consumption	78	98	125	133
exports	29	37	45	46
Ice cream (M litres) sales	72	74	..	..
Milk powder (M kg)				
production	16	23	24	..
exports	7	15	18	22
Butter-vegetable oil mix sales (M kg)	13	16	16	..
Margarine sales (M kg)	43	39	..	..
Total consumption of edible fats (in equivalents) g/day/person	1995	2005	2012	2013
Animal fat	36	28.9	..	..
Milk fat	42	35.3	..	..
Vegetable fat	33	40.1	..	..
Total	111	104.3	..	..

Source: Gallup Farm and Food Facts, Tike, Information Centre of the Ministry of Agriculture and Forestry

BREAD GRAIN

Wheat	1995	2005	2012	2013
Total yield (M kg)	379.5	801.3	887.1	869.4
First grade product ¹⁾ (%)	..	32.0	51.0	58.0
Imports (M kg)	131.6	23.2	10.1	11.4
Exports (M kg)	8.4	25.5	214.2	156.6
Consumption (M kg)				
- gross	306.1	338.3	338.0	333.5
- net	229.5	253.7	253.5	250.1
Rye				
Total yield (M kg)	57.7	32.4	64.1	25.7
First grade product ²⁾ (%)	..	28.0	84.0	73.0
Imports (M kg)	61.4	80.4	53.9	56.5
Exports (M kg)	..	2.4	3.6	0.2
Consumption (M kg)				
- gross	80.9	90.0	85.0	87.0
- net	79.2	88.2	83.3	85.3

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry, National Board of Customs

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

²⁾ hectolitre weight $\geq 71,0$ kg, falling number ≥ 120

FISH

Fish caught, million kg ¹⁾	1995	2005	2012 ³⁾	2013 ³⁾
Baltic herring (<i>Clupea harengus</i> membras)	96	67	118	122
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	0.5	0.4
European perch (<i>Perca fluviatilis</i>)	17	13	9	8
Pike-perch (<i>Sander lucioperca</i>)	2	3	4	4
Commercial fishing, total	111	94	138	143
Recreational fishing, total	57	38	25	25
Fish farming	17	14 ²⁾	13	17

Source: The Finnish Game and Fisheries Research Institute

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

²⁾ share of rainbow trout more than 90%

³⁾ recreational fishing and commercial inland fishing figures are from year 2012

FISH CONSUMPTION

Domestic fish (kg/person)	2000	2005	2012	2013
Farmed rainbow trout (Oncorhynchus mykiss)	1.6	1.4	1.0	..
Baltic herring (Clupea harengus membras)	1.2	0.7	0.3	..
Pike (Esox lucius)	0.7	0.7	0.4	..
European perch (Perca fluviatilis)	0.7	0.6	0.4	..
Vendace (Coregonus albula)	0.7	0.7	0.6	..
Lavaret (Coregonus lavaretus)	0.4	0.3	0.3	..
Pike-perch (Sander lucioperca)	0.2	0.3	0.3	..
Other domestic fish	0.6	0.5	0.5	..
Imported fish (kg/person)				
Farmed rainbow trout (Oncorhynchus mykiss)	0.3	0.6	1.0	0.9
Farmed Atlantic salmon (Salmo salar)	0.9	1.9	4.2	4.0
Tuna (Thunnus thynnus) (preserved and prepared)	1.2	1.6	1.6	1.9
Saithe (Pollachius virens) (frozen fillets)	0.6	0.4	0.5	0.3
Shrimps and prawns	0.4	0.5	0.6	0.6
Herring (Clupea harengus) and preserved herring	0.5	0.5	0.3	0.4
Other imported fish	2.3	2.4	2.7	2.7

Source: Finnish Game and Fisheries Research Institute

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'.

EGGS

Million kilos	1995	2005	2012	2013
Production	74.7	58.2	62.7	67.4
Consumption	61.0	48.8	55.9	58.1
Exports	14.0	11.2	11.2	11.5

Source: Gallup Farm and Food Facts

VEGETABLES AND FRUIT

1000 kg	1995	2005	2012	2013
Potato				
exports	2 895	4 853	27 213	8 500
imports	3 909	19 304	17 467	20 757
Tomato				
exports	2 368	58	177	173
imports	16 130	19 471	25 469	27 813
Yellow and red onion				
exports	400	3	55	20
imports	5 357	5 233	11 240	12 646
Cauliflower				
exports	75	0	1	1
imports	2 166	2 407	3 055	3 087
White and red cabbage				
exports	2 447	3	329	58
imports	1 660	1 608	2 241	2 352
Head lettuce				
exports	104	35	290	221
imports	5 672	11 056	18 407	18 068
Carrots and turnips				
exports	1	21	53	19
imports	2 643	4 816	5 449	9 442
Cucumber				
exports	498	66	5	0,4
imports	11 107	11 256	9 931	9 932
Pepper				
exports	354	5	2	10
imports	5 438	9 538	14 383	14 417
Zucchini				
exports	17	0	..	..
imports	710	2 118	..	..
Other fresh vegetables				
exports	7 372	1 552	863	544
imports	33 385	61 227	75 666	81 786
Banana				
exports	2 352	0	..	..
imports	6 619	65 491	..	..
Citrus fruit				
exports	3 968	91	90	134
imports	62 100	63 749	72 287	71 398
Apple				
exports	11 480	100	214	141
imports	54 001	49 719	45 779	44 575
Other fresh fruit				
exports	15 181	472	1 812	1 828
imports	151 112	108 370	121 653	123 958

Source: National Board of Customs

BERRIES AND MUSHROOMS

Total crops of garden berries, kg mill.	2005	2008	2012	2013
Strawberry	10.1	11.2	14.1	13.2
Black- and greencurrant	1.8	1.2	1.3	1.5
Red- and whitecurrant	0.5	0.2	0.4	0.4
Raspberry	0.6	0.5	0.7	0.7
Gooseberry	0.03	0.03	0.05	0.05
Total	13.1	13.1	16.6	16.1
Supply of wild berries, 1000 kg				
Blueberry	3 111	1 747	6 817	5 008
Lingonberry	8 544	4 041	8 668	10 746
Cloudberry	321	170	112	146
Other berries	51	28	54	67
Total	12 027	5 986	15 651	15 968
Supply of wild mushrooms, 1000 kg ¹⁾				
Chanterelle	16	10	17	11
Cep	181	357	136	238
Milk caps	152	89	50	51
Other wild mushrooms	77	36	23	10
Total	426	492	226	309

Source: Tike, Information Centre of the Ministry of Agriculture and Forestry, Gallup Food and Farm Facts, Finnish Association of Fruit and Berry Growers

¹⁾ weighted fresh

DAILY CONSUMER GOODS TRADE AND INSTITUTIONAL KITCHENS

Economy

NUMBER OF SHOPS BY SHOP TYPE

Shop type	Total 1.1.2014
Hypermarkets	149
Department stores	121
Supermarkets, large	612
Supermarkets, small	419
Self-service shops, large	1 053
Self-service shops, small	409
Small shops	408
Speciality shops	861
Market halls	34
Total 1.1.2014	4 066
Mobile shops	16
Closed down	185

Source: A.C. Nielsen Finland Oy

Economy

SALES OF DAILY CONSUMER GOODS BY SHOP TYPE

MEUR	1996	2005	2012	2013
Hypermarkets ¹⁾	1 533	2 772	4 398	4 524
Department stores	655	611	584	567
Supermarkets, large	1 847	3 789	5 482	5 775
Supermarkets, small	2 118	1 648	1 859	1 871
Self-service shops, large	1 401	1 916	2 541	2 601
Self-service shops, small	766	490	461	456
Small shops	131	216	325	338
Speciality shops and market halls	148	158	240	268
Total	8 599	11 601	15 891	16 399
Mobile shops	52	18	8	7
Closed down	114	289	139	145
Total	8 765	11 908	16 038	16 551

Source: A.C. Nielsen Finland Oy

¹⁾ classification has been chain-based since 2005, including chains K-City-market, Prisma and Euromarket

NUMBER OF INSTITUTIONAL KITCHENS BY SECTOR

	2009 pcs	2011 pcs	2013 pcs	Change 11/13 %
Cafés and restaurants	10 429	11 211	11 229	0.2
Workplace canteens	1 349	1 360	1 242	-8.7
Public kitchens	4 530	4 116	3 835	-6.8
Total	16 308	16 687	16 315¹⁾	-2.2

Source: Taloustutkimus Oy

¹⁾ the figure includes some institutional kitchens, the field of operations of which are not known

NUMBER OF PORTIONS PREPARED IN INSTITUTIONAL KITCHENS (BY SECTOR)

Million portions	2009	2011	2013	Change 11/13 %
Cafés and restaurants	345	398	416	4.5
Workplace canteens	63	72	70	-2.8
Public kitchens	441	419	411	-1.9
Total	850	889	904¹⁾	1.7

Source: Taloustutkimus Oy

¹⁾ the figure includes some institutional kitchens, the field of operations of which are not known

Forkful of Facts can be ordered from Finnish Food Information by
e-mail: tilaukset@ruokatieto.fi
or by phone 040 710 4170.

The publication is free, but postage are charged
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Finnish Food Information
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Ruokatieto

FINNISH FOOD INFORMATION

TEL. +358 40 710 4170

www.ruokatieto.fi



Ministry of Agriculture and Forestry
P. +358 295 16 001 — www.mmm.fi



Finnish Association of Academic Agronomists
TEL. +358 9 251 1160 — www.agronomiliitto.fi



Finnish Food and Drink Industries' Federation
TEL. +358 9 148 871 — www.etl.fi



Central Union of Agricultural Producers
and Forest Owners
TEL. +358 20 4131 — www.mtk.fi



Central Union of Swedish-speaking
Agricultural Producers in Finland
TEL. +358 9 586 0460 — www.slc.fi



Association of ProAgria Centres
TEL. +358 20 747 2400 — www.proagria.fi