

Linkage of holdings between FADN, IFS, SAIO and IACS

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Institutional setting

- FADN is part of the national official statistical system.
- The Board of Agriculture is liasion agency and the Bord is also responsible for almost all agricultural statistics.
- The same national rules as Statistics Sweden (National statistical institute):
 - Access to administrative register
 - Access to individual information within the national statistical system
 - Confidentiality rules (similar to new FSDN)
 - Rules for publications, (quality declaration, objectivity etc.)
 - Rules for accessibility to research

For FADN we mostly use the registers themselves not the calculated individual data in SAIO or IFS.



Use of individual data from the national official statistical system

SAIO

- Yields for some crops where the sample of FADN and the crop production survey coinside
- Education register
 - Education of manager

IFS

- Sampling frame
- Estimations
- Region
- Knowledge of what the specific farmer answered in other surveys



Use of IFS in FADN

- Random sample from the Farm-register (IFS)
 - It starts with a an IFS- defined farm
 - Estimations
- Major differences in about 5 % of the holdings (units)
 - IFS unit (same management) Severeal accounting units in one IFS-unit.
 - Generational renewal, done step by step



Comparison sizeclass FADN and IFS typology 2020

Class IFS	Class	FADN	◆											
\longrightarrow	0	3	4	5	6	7	8	9	10	11	12	13	14	sum IFS
0	3									1	1			5
3		1	1					1						3
4			1	1										2
5			1	22	4									27
6				2	93	11		1						107
7	1				8	162	13	1	1					186
8					2	8	232	19	1					262
9	1		1	1	2		14	191	14	1				225
10				1		1		13	81	12				108
11									8	36	5			49
12					1			1	2	9	33	1		47
13										1	4	23	1	29
14									1			1	5	7
SUM FADN	5	1	4	27	110	182	259	227	108	60	43	25	6	1057

Тур	ology IFS	Туро	logy	FADI	۷ .	ļ																				
	→	151	161	162	163	166	211	212	213	221	23	360	450	460	470	480	511	512	513	520	530	610	700	800	999	Sum
15	cereals, oilseeds, protein	126				5	1											1	1	0				2		136
161			9																							9
162		4	1	10		1																				16
163																										0
166		1	1	4		34							1	3										2		48
21	horticulture outdoor						4																			4
212								12																		12
213							1		1																	2
221		2	1		2	2																				7
23	Other horticulture							1																1	1	2
36	Specialist fruit and citrus fruit											1														1
45	dairying												349													349
46	rearing and fattening												5	255	1								1	5	1	267
47	Cattle combined												1													1
48	Sheep, goats etc													4	0	17									0	21
511																	5		4							9
512																		23	2					1		26
513																		3	49				1	1		54
52	Specialist poultry																	0	0	5				1	0	6
53	granivores combined																				1					1
61	Mixed cropping	2	2	2	0	6								1										1	0	14
700	Mixed livestock													1									8	1		10
800	Mixet fieldcrops or combined					1							3	5		2	0	0	2				0	44	0	57
	Not found						1						1											3	3	5
		135	14	16	2	49	7	13	1	0	0	1	360	269	1	21	5	27	58	5	1		3	62	5	1057
		93%	64%	63%	0%	69%	57%	92%	100%			100%	97%	95%	0%	81%	100%	85%	84%	100%	100%	. :	267%	71%	60%	100%



IACS

- Identifier: Social security nr
- Has about 60 crop-codes and 20 subgroups
- Includes subsidies
- Used for:
 - Areas of different crops
 - · Quantities and values of subsidies

Usefullness: Good quality

Also used for SAIO, IFS and EAA statistics



Comparison betwen FADN and IACS/IFS

Chare of holdings where areas has been has changed between FADN and IACS

 No changes 	74%
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Differences between area in FADN and IACS/IFS

- Farmers do not apply for more areas than they have subsidie entitlements for.
- Smaller landowner applies for the subsidies for rented land.
- Different kinds of maintenance agreements and co-operation between farms.
 - Farms with potatoes.
- Rules for grazing lands.

	Diference areas FADN/IACS, per cent
Agricultural land	5%
Temporary graz and grazings	3%
Green fodder	35%
Winter wheat	4%
Grazing land	5%
Spring barley	2%
Oats	4%
Potatoes	12%
Horticultural plants	35%
Fallow land	4%



Differences between IFS/IACS and FADN

- Farmers do not apply for more areas than they have subsidy entitlements for.
- The landowner applies for the subsidy for rented land.
- Different kinds of maintenance agreements and co-operation between farms.
 - Farms with potatoes.
- Rules for grazing lands.



Cattle database (EU)2016/429

- Identifier: Social security nr. (Production place nr)
- Used for SAIO- statistics number of cattle- slaughtering forecasts.
- Five datapoints a year (OV, CV+ 3 more dates for average)
 - Production place nr, number of cattle, gender and age-groups, if they have calved
- Accountancy year
 - number of calves born with gender, number of animals slaughtered, deceased, and moved, (moves between production places on the farm excluded)

Usefullness: Good

Also used for SAIO and IFS statistics

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Slaughtering register- used for pigs and sheep

- Identifier: Social security nr. (Production place nr)
- Accountancy year
 - Number of slaughtering animals
 - For pigs breeding sows, slaughtering pigs, other pigs,
 - For sheep- ewes and rams, lamb

Used for inserting data in table J and checking and correcting the work of data collectors

Usefulness: For pigs all information about slaughtering is included, for sheep differences in definition. No information on sales for rearing/breeding.

Also used for SAIO- statistics Slaughtering of animals.

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Main conclusions

- If registers are used both in IFS and SAIO and FADN it is easier to use the register itself rather then using individual data from IFS and SAIO.
- The institutional setting and possibilities to use registers are the main benefit of producing FADN within the official statistical system.
- Critical success factor
 - Linking the unit
 - Measurement
- The quality requirements of FADN means that you can not use registers without discussing with the farmers.