

Problems of using Standard Output for farm benchmarking among the European Union Member States

Pacioli workshop, Pristina, 2016

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Importance of farm benchmark

Support farmers to improve their income, productivity and sustainability performance

- Why are others better?
- How are others better?
- What can be learnt?
- How can the farm catch up?

Source: Based on EIP-AGRI farm benchmark focus group

Importance of benchmark based on farm size

- The farm size usually is a fixed condition;
- Size efficiency can be disregarded;
- Easier to recognize the differences;

TF-8 Fieldcrops, Total Utilised Agricultural Area (SE025)

Country	Economic Size Class (in EUR)					
	2 000 - < 8 000	8 000 - < 25 000	25 000 - < 50 000	50 000 - < 100 000	100 000 - < 500 000	>= 500 000
Bulgaria	7,34	35,29	85,44	184,43	680,18	2087,36
Czech Republic	-	25,73	48,94	93,45	281,94	1353,3
Denmark	-	24,04	41,4	80,43	197,76	597,92
Germany	-	-	37,13	66,81	153,26	642,11
Spain	17,44	37,75	71,92	112,12	168,47	-
Estonia	-	62,71	125,68	247,48	634,44	-
Hungary	12,16	28,35	60,85	113,55	311,66	1423,37
Italy	8,61	12,87	24,84	39,98	70,23	162,87
Latvia	21,91	48,81	86,27	169,07	495,51	-
Malta	-	2,82	5,46	-	-	-
Austria	-	20,76	40,89	71,15	99,54	-
Poland	10,22	18,98	41,74	85,59	240,53	1085,38
Romania	8,1	26,84	85,37	181,29	541,57	2242,13
Finland	-	34,55	77,59	124,11	163,49	-
Slovenia	6,52	13,73	31,26	-	62,43	-
United Kingdom	-	-	59,98	93,41	217,28	675,52
Total	9,27	23	45,6	82,75	184,49	763,02

Source: FADN Public Database

TF8, Milk farms -Total Lifestock Units (SE080)

Country	Economic Size Class (in EUR)					
	2 000 - < 8 000	8 000 - < 25 000	25 000 - < 50 000	50 000 - < 100 000	100 000 - < 500 000	>= 500 000
Bulgaria	6,11	19,11	47,98	81,55	207,79	-
Czech Republic	-	-	23,12	40,49	118,04	705,79
Germany	-	-	21,58	42,44	115,21	592,92
Spain	-	-	21	38,94	110,18	446,51
Estonia	-	7,33	-	41,9	152,87	775,84
Hungary	-	10,21	-	43,83	130,55	971,91
Ireland	-	-	36,44	76,3	159,84	-
Italy	-	10,07	20,77	42,53	118,35	421,34
Lithuania	4,81	12,86	34,01	68,23	165,22	-
Latvia	5,09	11,61	34,56	65,88	155,55	674,91
Netherlands	-	-	-	-	116,58	333,42
Poland	4,26	13,79	29,14	54,89	113,44	-
Romania	4,02	11,98	30,35	65,15	170,65	824,38
Sweden	-	-	18,27	36,32	116,47	424,24
United Kingdom	-	-	-	54,42	177,11	420,34
Total	4,16	12,03	25,75	47,3	121	458,81

Source: FADN Public Database

TF8, Granivores, Total Lifestock Units (SE080)

Country	Economic Size Class (in EUR)					
	2 000 - < 8 000	8 000 - < 25 000	25 000 - < 50 000	50 000 - < 100 000	100 000 - < 500 000	>= 500 000
Belgium	-	-	-	-	287,95	776,54
Bulgaria	-	11,11	32,21	69,91	262,11	2377,76
Czech Republic	-	-	-	-	-	2027,92
Denmark	-	-	-	-	333,5	1147,47
Germany	-	-	-	57,13	219,94	700,66
Spain	-	17,62	27,39	57,13	227,81	892,84
France	-	-	-	65,94	271,89	941,55
Hungary	4,04	15,05	32,5	59,62	185,81	1577,07
Italy	-	5,4	12,24	28,89	118,28	1284,86
Malta	-	-	-	81,21	192,86	-
Netherlands	-	-	-	-	278,93	1001,71
Poland	-	16,39	36,71	73,35	201,13	629,24
Romania	2,96	13,98	-	-	316	1955,41
Sweden	-	-	-	-	301,91	898,17
United Kingdom	-	-	-	-	301,55	1136,22
Total	3,48	17,15	37,07	65,77	227,68	1012,46

Source: FADN Public Database

Walter van Everdingen (LEI) - New indicator: Standard Earning Capacity (Pacioli Dublin)

SO: Need for new indicator

- Compared to SGM, SO is less related to farm value added, farm result and labor input
- Farm size based on SO less comparable than based on SGM
- Many questions on farm labor input and whether a farm is big enough to provide a living for farmer
 - Important in tax and local regulations
 - Before these questions were answered based on SGM, SO not useful

Problems of EU level farm comparison

1. Standard Output makes bias among the EU member states;
 1. Not express the added value;
 2. Very big differences among the member states
 3. Quality problems;
2. Farms/researchers want to focus on the physical size class (in terms of hectare/livestock);

Developing new perspectives

Establishment of EU wide SO:

- EU level SOs instead of national -> same physical basis in all countries;
- New Eurostat publication;
- New FADN dataset for international benchmark;
- New on-line typology software for reference information;

Thank you for your attention!