

16.E

Agricultural Domestic Support

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16.E.1 Introduction

The purpose of this note is to document how the domestic support levels were calculated from the OECD PSE tables and incorporated into the version 5 GTAP database. The calculation of domestic support was done for the OECD member countries and further disaggregated for selected agricultural commodities in the European Union.

16.E.2 Domestic Support in OECD Countries

The support payments and value of production, by commodity, reported in the PSE Tables for each country are aggregated to map with the GTAP agricultural commodities. The support payments which are classified by policy measures in the OECD indicators of support (sub-components A to H in appendix table 16.E.A1) are grouped within each GTAP commodity into five categories, namely:

- market price support (MPS)
- output subsidies
- intermediate input subsidies

- land-based payments
- capital-based payments

The first part of tables 16.E.1 through 16.E.14 (part a) report the 1998 OECD PSE payments, by GTAP commodity and type of support, for 14 OECD regions. PSE support categories A to H are grouped into the five support measures using a standard formula applied to all regions. Under this formula, C and F2 payments, which encompass hectare and set aside premiums given to arable crops, are allocated under land-based payments while C and F2 payments for animal produce, which includes suckler cow premiums, ewe premiums and special premiums for male animals, are allocated under capital-based payments.

Due to some errors in the 1999 edition of the OECD's PSE tables, C1 payments listed in the OECD tables for sheep/goat meat in the European Union were set to zero and C2 payments were also reduced by 549 million EURO. These adjustments were made in accordance with information received about sheep/goat meat support payments from the OECD.

In the second part of the tables (part b), the aggregate power of domestic support and shares by type of domestic support are shown for each GTAP agricultural commodity. The aggregate power of support is calculated by dividing the total value of payments (sum of the value of output subsidies, intermediate input subsidies, land-based payments and capital-based payments) by the value of production taken from the PSE tables and adding 1 to the total.

The power of domestic support was used to find the GTAP value of payments in the version 5 data base by multiplying the aggregate power of the domestic support with the corresponding GTAP value of production at market prices (VOM). Thereafter, the percentage value shares of output subsidies, input subsidies, land-based and capital-based payments were used to allocate the calculated GTAP value of payments to the appropriate tax wedges in the version 5 data base.

16.E.3 Disaggregating Domestic Support in EU15

The aggregate power and shares by type of domestic support for the EU15 are shown in table 16.E.3b. In the case of wheat, other cereal grains, oil seeds and beef/sheep meat, which receive compensatory payments, domestic support payments can be disaggregated further, allowing calculation of the power of support for each member country of the EU for these commodities. The EAGGF Guarantee expenditures in the individual member states for the fiscal year 1998 were used to breakdown aggregate EU15 hectare and animal premiums incorporated into the PSE tables for wheat, other cereal grains, oil seeds and bovine cattle, sheep and goats.

Tables 16.E.15 through 16.E.18 report the power and shares by type of domestic support in the EU member countries for wheat, other cereal grains, oil seeds, and beef/sheep meat, respectively. The first column in each table shows the aggregate EU15 support data. The subsequent columns show the calculated power of support in each member country for the respective commodities together with the percentage value shares of output subsidies, input subsidies, land and capital-based payments.

Disaggregation Methodology

Firstly, the aggregate value of production was split between the individual member countries. In the case of wheat (common wheat and durum wheat), other cereal grains (barley oats and maize), and oil seeds (rapeseed, sunflower and soya beans), the PSE tables not only reports value of production but also tons produced. Using the assumption that there is only one price within the EU15, the value of production was split using the reported tons of production within each member country in the year 1998, taken from the statistical annex of the publication “The Agricultural Situation in the European Union, Report 1999” Tables 4.1.1.1 to 4.1.1.3 and Table 4.4.1.1. In the case of beef/veal and sheep/goat meat, the value of production was split using data from Table 3.1.2. of the same publication. It reports each members countries share of the total value of production within the EU in the year 1998 for both beef/veal meat and sheep/goat meat.

Second, the total value of payments was split by using the OECD notes accompanying the EU PSE tables together with the EAGGF Guarantee expenditures by member country in the period 16.10.1997 to 15.10.1998 and the statistical material found in the publication “The Agricultural Situation in the European Union, Report 1998 and 1999.”

For arable crops -- wheat, other cereal grains, and oil seeds -- output subsidy payments, together with intermediate input subsidies and capital-based payments, were allocated to each member country according to their share in the total value of EU production. Land-based payments, where compensatory payments are given in the form of hectare and set aside premiums, are allocated to cereals (durum wheat, common wheat, barley, oats, rye, maize, triticale, others) and oilseeds (rape seed, sunflower, soya beans) according to their share in total acreage within each member state. This is just an extension of the method used by the OECD to allocate compensatory payments at the EU15 level.

The value of compensatory payments at the individual member country level was taken from the EAGGF Guarantee section expenditures for the period 16.10.1997 to 15.10.1998 shown in table 16.E.19. These compensatory payments were given for the harvested aid area in 1997. Therefore, the harvested area in 1997 in each member state was used to allocate compensatory payments to wheat, other cereal grains (barley, maize and oats) and oil seed crops. Compensatory payments for arable crops used to make silage were allocated to milk and beef production in the PSE tables (category E1). Other land-based payments given to wheat, other cereal grains, and oil seeds, with

the exception of support category D, were allocated across countries according to their share in total EU acreage for the respective crops. The support given under category D is classified as digressive transitional payments to producers to compensate for the decline in support following accession of these countries to the EU. Therefore D payments were allocated to Austria, Finland and Sweden according to their share in the value of total production within these three countries.

Beef and sheep payments were also allocated across countries in the EU. The output subsidy payments, category H, together with intermediate input subsidies were allocated to each member country according to their share in the total value of the EU production of sheep/goat meat and beef/veal meat, respectively. Output subsidy payments, category B, were allocated to the United Kingdom (national UK sheep scheme). Land-based payments, which are solely comprised of D payments, were also allocated to Austria, Finland and Sweden according to their share in the value of total production in these three countries.

Capital-based payments (categories C2 and F2), which are mainly suckler cow premiums, special male animal premiums, and ewe premiums, were allocated across countries in the EU in accordance with the EAGGF Guarantee section expenditures shown in table 16.E.20. The remaining capital-based payments were allocated to each member country according to the number of suckler cows in receipt of premium in 1997 and the number of ewe and goat premium in 1997.

16.E.4 Concluding Remarks

The calculations made in this note include all support payments to the above mentioned commodities reported in the OECD PSE tables 1999 Edition for the EU. One could argue that some payments should be excluded from the calculation of the power of support. An example is the accession compensation paid to farmers by the governments of Austria, Finland and Sweden, since these payments are given only in a limited period. However, by including all the OECD's support payments in these calculations, it gives the users of the database a clear and standard platform to work from.

Table 16.E.1a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Australia (A\$ mn)

AUSTRALIA		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	1246	0	4	0	0	0	887.9	0	5	0	349
Output subsidies	B	77	36.6	0	0	0	0	0	0	0	40.4	0
	H	107	23	1	6	3	6	16	27	12	11	0
Intermediate input subsidies	E2	264	57	3	16	5	15	41	69	29	29	0
	E1	0	0	0	0	0	0	0	0	0	0	0
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	0	0	0	0	0	0				0	0
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	0	0	0	0	0	0				0	0
	F3	0	0	0	0	0	0	0	0	0	0	0
	G	241	45	3	16	4	14	30	72	26	32	0
Capital-based payments	C1*	0						0	0	0		0
	C2*	0						0	0	0		0
	F2*	0						0	0	0		0
	E3	38	5	1	1	1	6	7	11	3	5	0
Total PSE		1972	165	12	39	13	42	982	178	75	117	349

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates, OECD database 1999 Edition.

Table 16.E.1b Aggregate Power and Shares of Domestic Support, Australia, by GTAP Commodity, 1998

AUSTRALIA		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production		28190	3559	221	1049	550	1188	3123	4702	2074	2038	9686
Value of payments (excl MPS)		726	165	8	39	13	42	94	178	70	117	0
Power of domestic support		1.026	1.046	1.038	1.038	1.023	1.035	1.030	1.038	1.034	1.057	1.000
% output subsidy		25.29	35.77	15.48	16.24	26.40	15.07	17.37	15.36	16.74	44.39	0.00
% intermediate input subsidy		36.29	34.26	39.29	40.61	38.40	36.84	43.64	38.51	41.77	24.51	0.00
% land-based payment		33.14	27.06	39.29	39.59	31.20	33.01	31.99	40.19	36.77	27.25	0.00
% capital-based payment		5.29	2.91	5.95	3.55	4.00	15.07	6.99	5.94	4.72	3.86	0.00

Source: Producer and consumer support estimates, OECD database 1999 Edition and own calculations.

Table 16.E.2a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Canada (C\$ mn)

CANADA		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	0	2979	0	0	0	0	0	2175.9	0	172.1	0	631
Output subsidies	B	343	11.5	0	48.1	3.5	0	108.6	81.5	64.1	0	26
	H	37	1	0	2	3	0	8	4	9	0	11
Intermediate input subsidies	E2	0	2	0	1	2	0	3	3	4	0	-13
	E1	281	63	0	19	40	0	24	45	37	0	54
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	343	92	0	58	71	0				0	122
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	0	0	0	0	0	0				0	0
	F3	0	0	0	0	0	0	0	0	0	0	0
	G	444	90	0	35	69	0	6	85	47	0	113
Capital-based payments	C1*	0						0	0	0		0
	C2*	0						0	0	0		0
	F2*	0						0	0	0		0
	E3	285	15	0	18	25	0	56	38	64	0	69
Total PSE		4712	273	0	180	213	0	2380	256	397	0	1012

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.2b Aggregate Power and Shares of Domestic Support, Canada, by GTAP Commodity, 1998

CANADA	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	27541	2886	0	1644	3122	0	3870	4238	4936	0	6846
Value of payments (excl MPS)	1733	273	0	180	213	0	204	256	224	0	381
Power of domestic support	1.063	1.095	1.000	1.110	1.068	1.000	1.053	1.060	1.045	1.000	1.056
% output subsidy	21.94	4.50	0.00	27.62	2.82	0.00	57.03	33.26	32.71	0.00	9.70
% intermediate input subsidy	16.20	23.49	0.00	10.93	19.36	0.00	12.93	18.74	18.09	0.00	10.64
% land-based payment	45.39	66.37	0.00	51.41	66.02	0.00	2.69	33.18	20.86	0.00	61.48
% capital-based payment	16.47	5.63	0.00	10.04	11.80	0.00	27.34	14.83	28.34	0.00	18.17

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.3a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, EU15 (EUC mn)

EU15		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	71852	2098.5	257.3	2487	0	1695.3	20189.6	14320.4	2399.4	0	28405
Output subsidies	B	3776	0	0	0	0	0	2	1	0	0	3773
	H	649	56	3	23	8	16	120	83	107	0	233
Intermediate input subsidies	E2	579	29	2	20	7	15	107	74	104	0	221
	E1	3700	970	0	1004	339	0	742	522	0	0	124
Land-based payments	D	678	40	0	75	7	24	203	92	98	0	139
	C1*	747	279	2	288	0	106				0	72
	C2*	15428	6311	39	5112	2556	0				0	1409
	F1	261	104	0	108	36	0	0	0	0	0	13
	F2*	2010	748	0	774	261	0				0	226
	F3	638	413	0	263	89	0	0	0	0	0	-127
	G	0	0	0	0	0	0	0	0	0	0	0
Capital-based payments	C1*	0						0	0	0		0
	C2*	8475						0	8475	0		0
	F2*	786						14	575	197		0
	E3	4536	1806	0	1869	630	0	0	0	0	0	230
Total PSE		114114	12856	303	12024	3932	1856	21378	24141	2906	0	34719

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates, OECD database 1999 Edition.

Table 16.E.3b Aggregate Power of Domestic Support, EU15, by GTAP Commodity 1998

EU15	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Total value of payments	212077	12401	996	110309	3430	4157	36332	30140	30472	0	83839
Value of production	42262	10757	46	9537	3932	160	1188	9821	506	0	6314
Power of domestic support	1.199	1.867	1.046	1.925	2.146	1.039	1.033	1.326	1.017	1.000	1.075
% output subsidy	10.47	0.52	5.66	0.24	0.20	10.11	10.24	0.86	21.11	0.00	63.45
% intermediate input subsidy	10.13	9.29	5.01	10.74	8.79	9.05	71.46	6.07	20.58	0.00	5.45
% land-based payment	46.76	73.39	89.32	69.42	74.99	80.84	17.12	0.93	19.41	0.00	27.45
% capital-based payment	32.65	16.79	0.00	19.60	16.02	0.00	1.18	92.14	38.90	0.00	3.65

Source: Producer and consumer support estimates, OECD database 1999 Edition and own calculations.

Table 16.E.4a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Hungary (Ft mn)

HUNGARY		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	70639	-29629.4	0	-39777.2	2853.8	6466.4	54232.9	1119.4	49732.6	0	28495
Output subsidies	B	8380	0	0	0	0	0	1798.4	496.6	5202.1	0	0
	H	1000	69	0	108	32	16	99	27	286	0	363
Intermediate input subsidies	E2	200	14	0	22	6	3	20	6	57	0	73
	E1	14286	978	0	1541	455	231	1414	391	4091	0	5186
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	0	0	0	0	0	0				0	0
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	0	0	0	0	0	0				0	0
	F3	800	169	0	266	79	40	79	22	229	0	-84
	G	7400	507	0	798	236	120	733	202	2119	0	2686
Capital-based payments	C1*	0						0	0	0		0
	C2*	0						0	0	0		0
	F2*	0						0	0	0		0
	E3	34836	2488	0	3920	1157	588	3274	904	9471	0	13034
Total PSE		137541	-25405	0	-33123	4818	7465	61650	3167	71188	0	49751

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.4b Aggregate Power and Shares of Domestic Support, Hungary, by GTAP commodity, 1998

HUNGARY	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	1100794	75357	0	118714	35040	17820	108977	30090	315228	0	399569
Value of payments (excl MPS)	66902	4224	0	6654	1964	999	7417	2048	21456	0	21257
Power of domestic support	1.061	1.056	1.000	1.056	1.056	1.056	1.068	1.068	1.068	1.000	1.053
% output subsidy	14.02	1.62	0.00	1.62	1.62	1.62	25.58	25.58	25.58	0.00	1.71
% intermediate input subsidy	21.65	23.48	0.00	23.48	23.48	23.48	19.33	19.34	19.33	0.00	24.74
% land-based payment	12.26	16.00	0.00	16.00	16.00	16.00	10.94	10.94	10.94	0.00	12.24
% capital-based payment	52.07	58.90	0.00	58.91	58.91	58.90	44.14	44.14	44.14	0.00	61.32

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.5a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Iceland (IK mn)

ICELAND		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	5971	0	0	0	0	0	2177.6	553.6	1742.4	188.9	1309
Output subsidies	B	4541	0	0	0	0	0	2916.1	1614.3	11.1	0	0
	H	0	0	0	0	0	0	0	0	0	0	0
Intermediate input subsidies	E2	192	0	0	0	0	0	23	137	3	2	28
	E1	198	0	0	0	0	0	64	48	21	3	61
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	0	0	0	0	0	0				0	0
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	0	0	0	0	0	0				0	0
	F3	0	0	0	0	0	0	0	0	0	0	0
	G	0	0	0	0	0	0	0	0	0	0	0
Capital-based payments	C1*	0						0	0	0		0
	C2*	0						0	0	0		0
	F2*	0						0	0	0		0
	E3	400	0	0	0	0	0	145	150	21	3	80
Total PSE		11302	0	0	0	0	0	5327	2503	1798	197	1478

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.5b Aggregate Power and Shares of Domestic Support, Iceland, by GTAP commodity, 1998

ICELAND	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	11080	0	0	0	0	0	3403	2661	2307	280	2428
Value of payments (excl MPS)	5331	0	0	0	0	0	3149	1950	56	8	169
Power of domestic support	1.481	1.000	1.000	1.000	1.000	1.000	1.925	1.733	1.024	1.028	1.070
% output subsidy	85.19	0.00	0.00	0.00	0.00	0.00	92.61	82.80	19.86	0.00	-0.06
% intermediate input subsidy	7.31	0.00	0.00	0.00	0.00	0.00	2.78	9.49	42.40	61.04	52.66
% land-based payment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% capital-based payment	7.50	0.00	0.00	0.00	0.00	0.00	4.62	7.71	37.75	38.96	47.40

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.6a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Japan (¥ bn)

JAPAN		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	5861	72	1977.7	12.1	0	57.4	543.1	185.9	375.8	0	2637
Output subsidies	B	159	0	0	0	2.5	1.4	27.9	3.3	0.5	0	123
	H	0	0	0	0	0	0	0	0	0	0	0
Intermediate input subsidies	E2	21	0	5	0	0	0	2	2	4	0	8
	E1	127	4	37	1	1	2	25	12	6	0	39
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	0	0	0	0	0	0				0	0
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2	117	4	59	1	6	0				0	47
Capital-based payments	C1*	0	0	0	0	0	0	0	0	0	0	0
	C2*	0	0	0	0	0	0	0	0	0	0	0
	F2*	0						0	0	0		0
	E3	137	1	40	0	0	2	7	5	6	0	76
Total PSE		6422	82	2118	15	10	63	605	208	391	0	2930

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.6b Aggregate Power and Shares of Domestic Support, Japan, by GTAP commodity, 1998

JAPAN	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	9599	85	2411	19	17	97	699	626	1134	0	4511
Value of payments (excl MPS)	561	10	140	3	10	5	62	23	16	0	293
Power of domestic support	1.058	1.118	1.058	1.141	1.575	1.053	1.089	1.036	1.014	1.000	1.065
% output subsidy	28.32	0.00	0.00	0.00	25.00	27.45	44.93	14.67	3.23	0.00	42.06
% intermediate input subsidy	26.36	45.00	29.55	40.74	10.00	35.29	43.48	62.67	61.29	0.00	16.22
% land-based payment	20.86	41.00	41.76	48.15	62.00	5.88	0.00	0.00	0.00	0.00	15.92
% capital-based payment	24.46	14.00	28.69	11.11	3.00	31.37	11.59	22.67	35.48	0.00	25.80

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.7a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Korea (won bn)

KOREA		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	16800	0	6314	134.7	201.8	0	708.7	741.9	1180.9	0	7518
Output subsidies	B	0	0	0	0	0	0	0	0	0	0	0
	H	0	0	0	0	0	0	0	0	0	0	0
Intermediate input subsidies	E2	11	0	2	0	0	0	1	2	3	0	4
	E1	222	0	86	2	3	0	2	4	5	0	121
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	0	0	0	0	0	0				0	0
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	6	0	0	0	0	0				0	6
	F3	0	0	0	0	0	0	0	0	0	0	0
	G	158	0	47	1	1	0	3	9	21	0	76
Capital-based payments	C1*	19						0	11	8		0
	C2*	0						0	0	0		0
	F2*	87						13	29	45		0
	E3	579	0	192	4	6	0	18	48	65	0	246
Total PSE		17882	0	6641	142	212	0	745	844	1328	0	7970

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.7b Aggregate Power and Shares of Domestic Support, Korea, by GTAP commodity, 1998

KOREA	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	29258	0	9053	195	264	0	1104	1886	3681	0	13075
Value of payments (excl MPS)	1082	0	327	7	10	0	36	102	147	0	452
Power of domestic support	1.037	1.000	1.036	1.037	1.037	1.000	1.033	1.054	1.040	1.000	1.035
% output subsidy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% intermediate input subsidy	21.58	0.00	27.16	27.78	27.55	0.00	6.30	5.10	5.36	0.00	27.57
% land-based payment	15.17	0.00	14.22	13.89	14.29	0.00	8.22	9.12	14.31	0.00	18.10
% capital-based payment	63.25	0.00	58.62	58.33	58.16	0.00	85.48	85.78	80.33	0.00	54.34

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.8a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Mexico (MN\$ mn)

MEXICO		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	28581	954.6	-89.7	3063.5	24	3836.7	8215.2	311.6	1736.8	0	10529
Output subsidies	B	53	0	53.3	0	0	0	0	0	0	0	0
	H	0	0	0	0	0	0	0	0	0	0	0
Intermediate input subsidies	E2	1149	24	4	149	2	47	125	144	269	0	387
	E1	268	3	0	169	0	5	4	4	8	0	75
Land-based payments	D	8522	484	39	6643	31	0	0	0	0	0	1325
	C1*	259	10	2	63	1	20				0	164
	C2*	410	0	0	0	2	0				0	408
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	0	0	0	0	0	0				0	0
	F3	0	0	0	0	0	0	0	0	0	0	0
	G	405	9	1	58	1	18	39	45	84	0	149
Capital-based payments	C1*	185						43	50	92		0
	C2*	0						0	0	0		0
	F2*	0						0	0	0		0
	E3	2321	59	9	371	5	117	213	300	266	0	981
Total PSE		42153	1544	18	10515	66	4043	8639	855	2456	0	14017

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.8b Aggregate Power and Shares of Domestic Support, Mexico, by GTAP commodity 1998

MEXICO	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	211312	4601	772	28369	538	11590	19035	15427	40662	0	90318
Value of payments (excl MPS)	13572	589	108	7452	42	206	423	543	720	0	3488
Power of domestic support	1.064	1.128	1.140	1.263	1.078	1.018	1.022	1.035	1.018	1.000	1.039
% output subsidy	0.39	0.00	49.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% intermediate input subsidy	10.44	4.46	3.62	4.26	5.25	25.02	30.33	27.35	38.47	0.00	13.23
% land-based payment	70.71	85.46	38.78	90.76	82.58	18.43	9.21	8.30	11.69	0.00	58.66
% capital-based payment	18.46	10.08	8.16	4.98	12.17	56.55	60.45	64.35	49.85	0.00	28.12

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.9a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Norway (NK mn)

NORWAY		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	9384	494.8	0	1175	0	0	3426.9	1360.8	1392.6	0	1534
Output subsidies	B	3637	103.5	0	331.6	0	0	2011.9	899.1	54.3	172.2	64
	H	0	0	0	0	0	0	0	0	0	0	0
Intermediate input subsidies	E2	73	0	0	0	0	0	33	19	13	0	8
	E1	3575	181	0	792	0	0	1350	985	0	102	165
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	16	2	0	5	0	0				1	10
	C2*	140	0	0	0	0	0				93	47
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	10	0	0	0	0	0				2	8
	F3	156	0	0	1	0	0	80	28	33	3	11
	G	0	0	0	0	0	0	0	0	0	0	0
Capital-based payments	C1*	41						26	14	0		0
	C2*	1874	0	0	1	0	0	966	815	93	47	0
	F2*	142						85	45	13		0
	E3	1517						740	512	130		87
Total PSE		20566	781	0	2305	0	0	8718	4678	1728	421	1934

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.9b Aggregate Power and Shares of Domestic Support, Norway, by GTAP commodity, 1998

NORWAY	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	18355	798	0	1837	0	0	5828	3415	3408	70	3000
Value of payments (excl MPS)	11182	287	0	1130	0	0	5291	3318	336	421	400
Power of domestic support	1.609	1.359	1.000	1.615	1.000	1.000	1.908	1.971	1.099	7.001	1.133
% output subsidy	32.52	36.13	0.00	29.34	0.00	0.00	38.02	27.10	16.18	40.93	16.06
% intermediate input subsidy	32.62	63.18	0.00	70.11	0.00	0.00	26.13	30.25	3.78	24.27	43.38
% land-based payment	2.89	0.63	0.00	0.49	0.00	0.00	1.51	0.85	9.74	23.58	18.88
% capital-based payment	31.97	0.07	0.00	0.06	0.00	0.00	34.34	41.80	70.30	11.22	21.68

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.10a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, New Zealand (NZ\$ mn)

NEW ZEALAND		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	47	0	0	0	0	0	0	0	33.4	0	13
Output subsidies	B	0	0	0	0	0	0	0	0	0	0	0
	H	0	0	0	0	0	0	0	0	0	0	0
Intermediate input subsidies	E2	0	0	0	0	0	0	0	0	0	0	0
	E1	34	0	0	0	0	0	12	17	5	0	0
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	0	0	0	0	0	0				0	0
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	0	0	0	0	0	0				0	0
	F3	0	0	0	0	0	0	0	0	0	0	0
	G	1	0	0	0	0	0	0	0	0	0	1
Capital-based payments	C1*	0						0	0	0		0
	C2*	0	0	0	0	0	0	0	0	0	0	0
	F2*	0						0	0	0		0
	E3	0						0	0	0		0
Total PSE		82	0	0	0	0	0	12	17	38	0	14

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.10b Aggregate Power and Shares of Domestic Support, New Zealand, by GTAP commodity 1998

NEW ZEALAND	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	10182	82	0	126	0	0	3363	2689	368	674	2880
Value of payments (excl MPS)	35	0	0	0	0	0	12	17	5	0	1
Power of domestic support	1.003	1.000	1.000	1.000	1.000	1.000	1.004	1.006	1.013	1.000	1.000
% output subsidy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% intermediate input subsidy	96.05	0.00	0.00	0.00	0.00	0.00	100.00	98.84	100.00	0.00	0.00
% land-based payment	3.95	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.00	100.00	100.00
% capital-based payment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.11a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Poland (NZI mn)

POLAND		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	11354	1176.7	0	796.2	69.3	703.8	1592	-127.4	3203.8	0	3940
Output subsidies	B	0	0	0	0	0	0	0	0	0	0	0
	H	0	0	0	0	0	0	0	0	0	0	0
Intermediate input subsidies	E2	367	34	0	25	10	10	55	20	91	0	121
	E1	906	115	0	83	34	34	84	31	138	0	387
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	0	0	0	0	0	0				0	0
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	0	0	0	0	0	0				0	0
	F3	0	0	0	0	0	0	0	0	0	0	0
	G	0	0	0	0	0	0	0	0	0	0	0
Capital-based payments	C1*	0						0	0	0		0
	C2*	0						0	0	0		0
	F2*	0						0	0	0		0
	E3	455	58	0	42	18	18	41	15	67	0	197
Total PSE		13083	1384	0	946	132	766	1772	-62	3500	0	4645

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.11b Aggregate Power and Shares of Domestic Support, Poland, by GTAP commodity 1998

POLAND	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	51304	4581	0	3828	954	1502	7825	3618	13772	0	15225
Value of payments (excl MPS)	1728	207	0	149	62	62	180	66	296	0	705
Power of domestic support	1.034	1.045	1.000	1.039	1.065	1.041	1.023	1.018	1.022	1.000	1.046
% output subsidy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% intermediate input subsidy	73.66	71.89	0.00	71.89	71.86	71.86	77.36	77.32	77.32	0.00	72.06
% land-based payment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% capital-based payment	26.34	28.11	0.00	28.11	28.14	28.14	22.64	22.68	22.68	0.00	27.94

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.12a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Switzerland (SF mn)

SWITZERLAND		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	5162	315.3	0	155.9	61.2	101.6	2183.6	640.6	1008.7	0	695
Output subsidies	B	117	0	0	0	0	0	116.6	0	0	0	0
	H	183	9	0	6	2	3	67	25	36	0	34
Intermediate input subsidies	E2	27	2	0	1	0	1	7	3	4	0	9
	E1	1	1	0	0	0	0	0	0	0	0	0
Land-based payments	D	809	39	0	28	8	15	295	112	161	0	151
	C1*	267	47	0	94	8	10				0	107
	C2*	-6	0	0	0	0	0				0	-6
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	47	8	0	6	2	3				0	30
	F3	0	0	0	0	0	0	0	0	0	0	0
	G	0	0	0	0	0	0	0	0	0	0	0
Capital-based payments	C1*	595						352	99	143		0
	C2*	276						143	54	78		0
	F2*	112						58	22	32		0
	E3	180	9	0	6	2	3	65	25	36	0	34
Total PSE		7769	429	0	298	83	137	3287	981	1499	0	1054

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.12b Aggregate Power and Shares of Domestic Support, Switzerland, by GTAP commodity, 1998

SWITZERLAND	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	8042	589	0	280	79	150	3147	1112	1602	0	1084
Value of payments (excl MPS)	2606	114	0	142	22	36	1103	340	490	0	359
Power of domestic support	1.324	1.193	1.000	1.508	1.277	1.239	1.351	1.306	1.306	1.000	1.331
% output subsidy	11.50	7.75	0.00	4.50	8.22	9.50	16.62	7.43	7.42	0.00	9.53
% intermediate input subsidy	1.04	2.03	0.00	0.91	1.83	1.96	0.63	0.79	0.77	0.00	2.48
% land-based payment	42.91	82.56	0.00	90.16	81.74	79.33	26.72	32.85	32.87	0.00	78.63
% capital-based payment	44.56	7.67	0.00	4.43	8.22	9.22	56.04	58.92	58.93	0.00	9.36

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.13a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, Turkey (TL mn)

TURKEY		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	2814872	330053	0	175022	37984	218083	279822	175085	125519	0	1473302
Output subsidies	B	32850	0	0	0	0	0	0	0	0	0	32850
	H	0	0	0	0	0	0	0	0	0	0	0
Intermediate input subsidies	E2	3677	0	0	0	19	1302	1009	1228	139	0	-19
	E1	417935	102080	0	36925	8388	11410	24594	58306	11366	0	164866
Land-based payments	D	0	0	0	0	0	0	0	0	0	0	0
	C1*	0	0	0	0	0	0				0	0
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	0	0	0	0	0	0				0	0
	F3	0	0	0	0	0	0	0	0	0	0	0
	G	0	0	0	0	0	0	0	0	0	0	0
Capital-based payments	C1*	0						0	0	0		0
	C2*	0						0	0	0		0
	F2*	0						0	0	0		0
	E3	19331	4233	0	0	172	2860	70	3	0	0	11995
Total PSE		3288666	436366	0	211947	46563	233656	305494	234622	137024	0	1682994

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.13b Aggregate Power and Shares of Domestic Support, Turkey, by GTAP commodity, 1998

TURKEY	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	7881253	931406	0	422891	94600	368112	540000	628365	485984	0	4409896
Value of payments (excl MPS)	473793	106313	0	36925	8578	15572	25672	59536	11505	0	209692
Power of domestic support	1.060	1.114	1.000	1.087	1.091	1.042	1.048	1.095	1.024	1.000	1.048
% output subsidy	6.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.67
% intermediate input subsidy	88.99	96.02	0.00	100.00	98.00	81.63	99.73	100.00	100.00	0.00	78.61
% land-based payment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% capital-based payment	4.08	3.98	0.00	0.00	2.00	18.37	0.27	0.00	0.00	0.00	5.72

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.14a 1998 OECD PSE Payments, by GTAP Commodity and Type of Support, USA (US\$ mn)

USA		Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Market price support	A	23547	0	0	12.9	0	839.6	14301	172.7	-2.4	5	8219
Output subsidies	B	2736	469.2	6.4	1241.8	573.3	0.4	0	0	0	0	445
	H	1534	68	14	212	140	16	168	1790	201	0	536
Intermediate input subsidies	E2	907	40	8	125	83	10	99	106	119	0	316
	E1	3223	124	29	375	240	38	383	460	342	1	1231
Land-based payments	D	8519	3061	149	4385	0	0	0	0	0	0	924
	C1*	2633	243	34	535	338	42				0	1441
	C2*	0	0	0	0	0	0				0	0
	F1	0	0	0	0	0	0	0	0	0	0	0
	F2*	1937	134	27	417	276	32				0	1052
	F3	53	4	1	11	8	1	0	0	0	0	29
	G	1061	47	10	147	97	11	116	124	139	0	370
Capital-based payments	C1*	228						211	9	8		0
	C2*	0						0	0	0		0
	F2*	0						0	0	0		0
	E3	585	31	6	97	64	7	41	44	49	0	244
Total PSE		46962	4223	283	7559	1819	997	15320	1094	855	7	14806

Note: C1, C2, and F2 payments are classified under land-based payments for crops and under capital-based payments for animals.

Source: Producer and consumer support estimates. OECD database 1999 Edition.

Table 16.E.14b Aggregate Power and Shares of Domestic Support, USA, by GTAP commodity, 1998

USA	Total	Wheat	Rice	Cereal grains	Oil seeds	Sugar	Milk	Beef & sheep	Other meat	Wool	Misc.
Value of production	193567	6904	1669	21334	15058	2261	24178	26965	30614	45	64540
Value of payments (excl MPS)	23415	4223	283	7546	1819	157	1019	922	857	2	6588
Power of domestic support	1.121	1.612	1.170	1.354	1.121	1.070	1.042	1.034	1.028	1.033	1.102
% output subsidy	18.24	12.73	7.10	19.27	39.24	10.56	16.47	19.45	23.39	26.67	14.88
% intermediate input subsidy	17.64	3.90	12.97	6.64	17.75	30.15	47.35	61.38	53.73	53.33	23.49
% land-based payment	60.66	82.63	77.70	72.82	39.49	54.58	11.40	13.46	16.18	13.33	57.91
% capital-based payment	3.47	0.74	2.23	1.28	3.52	4.71	24.77	5.72	6.70	6.67	3.71

Source: Producer and consumer support estimates. OECD database 1999 Edition and own calculations.

Table 16.E.15 Power of Support, Wheat 1998, European Union

Wheat	EU15	Belgium	Denmark	Germany	Greece	Spain	France	Ireland
<i>Millions of EURO</i>								
Total value of payments	10757	143	426	1735	531	885	3487	64
Value of production	12401	205	571	2342	276	678	4680	78
Power of domestic support	1.867	1.696	1.747	1.741	2.923	2.307	1.745	1.816
% output subsidy	0.523	0.652	0.608	0.613	0.236	0.347	0.609	0.557
% interm. input subsidy	9.290	11.578	10.792	10.881	4.190	6.166	10.815	9.880
% land-based payment	73.395	66.842	69.094	68.838	87.999	82.341	69.026	71.704
% capital-based payment	16.792	20.928	19.507	19.668	7.574	11.145	19.549	17.859
Wheat	Italy	Luxem- bourg	Nether- lands	Austria	Portugal	Finland	Sweden	United Kingdom
<i>Millions of EURO</i>								
Total value of payments	1453	5	90	156	71	51	224	1435
Value of production	1158	7	124	158	18	46	265	1793
Power of domestic support	2.255	1.716	1.722	1.987	4.953	2.108	1.847	1.800
% output subsidy	0.362	0.634	0.629	0.460	0.115	0.410	0.536	0.567
% interm. input subsidy	6.423	11.261	11.167	8.162	2.039	7.270	9.518	10.070
% land-based payment	81.605	67.750	68.018	76.625	94.161	79.180	72.741	71.161
% capital-based payment	11.610	20.355	20.186	14.753	3.685	13.141	17.205	18.202

Source: Own calculations.

Table 16.E.16 Power of Support, Other Cereal Grains 1998, European Union

Other Cereal Grains	EU15	Belgium	Denmark	Germany	Greece	Spain	France	Ireland
<i>Millions of EURO</i>								
Total value of payments	9537	53	418	1718	178	1577	2393	131
Value of production	10310	76	412	1825	258	1726	2873	131
Power of domestic support	1.925	1.703	2.017	1.942	1.692	1.914	1.833	2.003
% output subsidy	0.238	0.313	0.217	0.234	0.318	0.241	0.264	0.219
% interm. input subsidy	10.740	14.131	9.772	10.551	14.352	10.872	11.929	9.904
% land-based payment	69.421	59.767	72.179	69.961	59.139	69.045	66.037	71.802
% capital-based payment	19.601	25.789	17.833	19.254	26.191	19.842	21.770	18.074
Other Cereal Grains	Italy	Luxem- bourg	Nether- lands	Austria	Portugal	Finland	Sweden	United Kingdom
<i>Millions of EURO</i>								
Total value of payments	968	7	34	288	112	335	425	898
Value of production	1187	8	41	302	114	250	317	792
Power of domestic support	1.815	1.857	1.834	1.955	1.988	2.342	2.340	2.134
% output subsidy	0.270	0.257	0.264	0.231	0.223	0.164	0.164	0.194
% interm. input subsidy	12.187	11.597	11.908	10.408	10.051	7.406	7.414	8.762
% land-based payment	65.303	66.982	66.098	70.366	71.383	78.915	78.893	75.052
% capital-based payment	22.240	21.164	21.731	18.995	18.343	13.515	13.530	15.991

Source: Own calculations.

Table 16.E.17. Power of Support, Oil Seeds 1998, European Union

Oil seeds	EU15	Belgium	Denmark	Germany	Greece	Spain	France	Ireland
<i>Millions of EURO</i>								
Total value of payments	3932	4	78	751	13	475	1424	5
Value of production	3430	4	77	757	7	305	1265	5
Power of domestic support	2.146	1.965	2.016	1.993	2.900	2.557	2.126	2.111
% output subsidy	0.198	0.236	0.224	0.229	0.120	0.146	0.202	0.205
% interm. input subsidy	8.786	10.442	9.915	10.148	5.300	6.471	8.945	9.068
% land-based payment	74.991	70.278	71.778	71.117	84.913	81.583	74.539	74.189
% capital-based payment	16.024	19.044	18.083	18.507	9.667	11.801	16.314	16.538
Oil seeds	Italy	Luxem- bourg	Nether- lands	Austria	Portugal	Finland	Sweden	United Kingdom
<i>Millions of EURO</i>								
Total value of payments	606	2	3	64	24	28	40	414
Value of production	499	2	10	39	10	14	28	406
Power of domestic support	2.213	1.819	1.325	2.615	3.367	2.928	2.417	2.019
% output subsidy	0.187	0.278	0.700	0.141	0.096	0.118	0.161	0.223
% interm. input subsidy	8.300	12.304	30.997	6.238	4.256	5.224	7.110	9.883
% land-based payment	76.376	64.978	11.774	82.246	87.887	85.131	79.764	71.871
% capital-based payment	15.137	22.440	56.530	11.376	7.761	9.527	12.966	18.023

Source: Own calculations.

Table 16.E.18 Power of Support, Beef/Sheep Meat 1998, European Union

Beef/Sheep	EU15	Belgium	Denmark	Germany	Greece	Spain	France	Ireland
<i>Millions of EURO</i>								
Total value of payments	9821	233	86	644	361	1422	2353	1005
Value of production	30140	1060	451	4350	847	3226	7471	2014
Power of domestic support	1.326	1.220	1.192	1.148	1.426	1.441	1.315	1.499
% output subsidy	0.857	1.251	1.436	1.862	0.647	0.625	0.874	0.552
% interm. input subsidy	6.067	10.221	11.715	14.721	1.818	3.603	6.761	4.089
% land-based payment	0.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000
% capital-based payment	92.144	88.528	86.849	83.417	97.536	95.773	92.364	95.360
Beef/Sheep	Italy	Luxem- bourg	Nether- lands	Austria	Portugal	Finland	Sweden	United Kingdom
<i>Millions of EURO</i>								
Total value of payments	647	11	133	226	231	71	150	2246
Value of production	4148	53	1846	680	535	263	402	2791
Power of domestic support	1.156	1.206	1.072	1.333	1.431	1.271	1.374	1.805
% output subsidy	1.766	1.338	3.813	0.828	0.638	1.015	0.737	0.396
% interm. input subsidy	13.819	11.007	30.392	6.581	3.099	8.348	5.946	1.830
% land-based payment	0.000	0.000	0.000	20.446	0.000	25.054	18.194	0.000
% capital-based payment	84.414	87.655	65.795	72.145	96.262	65.583	75.123	97774

Source: Own calculations.

Table 16.E.19 EAGGF Guarantee (Section 16.10.1997 to 15.10.1998) Expenditure on Hectare and Set-aside Aid, millions of EURO

	EU15	Belgium	Denmark	Germany	Greece	Spain	France	Ireland	Italy	Luxem- bourg	Nether- lands	Austria	Portugal	Finland	Sweden	United Kingdom
Maize (base area)																
Small farmers	442.4	29.8	0.0	56.2	0.0	21.8	41.9	1.9	188.8	0.0	60.2	0.0	37.6	0.0	0.0	4.3
Commercial producers	770.3	3.7	0.0	121.2	0.0	114.7	190.0	1.1	303.1	0.0	2.9	0.0	25.1	0.0	0.0	8.3
Cereals (including silage)																
Small farmers	2070.2	48.3	81.2	398.4	212	174.1	463	34.5	291.9	4.7	32.8	101.3	21.4	63.6	61.9	81.2
Commercial producers	7484.4	51.4	401.6	1836.2	16.2	627.7	2556.4	63.8	153.8	3.4	30.0	159.7	39.4	108.5	257	1179.4
Oilseeds																
Small farmers	20.2	0	0	2.2	0.5	7.2	2.6	0.1	3.5	0	0	2.6	0.9	0.3	0.3	0
Commercial producers	2348.3	2.4	45.3	430.6	8.9	270.6	859.2	3.1	390.8	0.9	0.3	36.9	14.9	16.1	21.5	246.5
Durum Wheat	1016.1	0.0	0.0	0.0	221.4	199.8	72.4	0.0	512.5	0.0	0.0	0.7	9.4	0.0	0.0	0.0
Protein crops*																
Small farmers	15.4	0.0	0.0	1.4	0.3	1.2	1.9	0.1	5.5	0.0	0.4	4.0	0.2	0.1	0.4	0.0
Commercial producers	602.3	1.4	38.2	77.7	0.1	15.6	327.5	2.3	3.8	0.1	0.6	16	0.3	1.3	12.4	105.1
Non-fibre flax*																
Small farmers	0.3	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Commercial producers	128.8	0.0	2.3	51.2	0.0	6.8	3.0	1.9	0.0	0.0	0.0	1.4	1.7	0.7	4.9	55.0
Set aside	1262.6	5.1	57.7	308.6	2.0	176.1	372.0	15.8	63.8	0.3	3.4	25.6	5.5	29.4	61.8	135.7

* Hectare premiums given to protein crops and non-fibre-flax as well as cereals other than Durum wheat, common wheat, barley, oats and maize are not specified in the PSE tables and are therefore a part of the so-called miscellaneous column presented in the tables above. These crops' share of the set aside premiums are also allocated to miscellaneous.

Source: FEOGA-Garantie – Exercice 1998. Dépenses 16.10.1997 au 15.10.1998. Commission des Communautés Européennes. VI.G.2. VI/72/98

Table 16.E.20 EAGGF Guarantee (Section 16.10.1997 to 15.10.1998) Expenditure on Animal Premiums, millions of EURO

	EU15	Belgium	Denmark	Germany	Greece	Spain	France	Ireland	Italy	Luxem- bourg	Nether- lands	Austria	Portugal	Finland	Sweden	United Kingdom
PSE C2 Male animals																
Beef special premium	1340.8	31.5	27.5	216.3	18.9	21.8	78.8	258.0	214	55.2	2.7	11.3	37.2	20.0	33.4	310.0
Deseasonalisation premiums	45.1			1.3					33.4						0.4	10.0
PSE C2 Suckler cow																
Suckler cow premiums	1589.1	55.8	16.6	80.0	19.6	196.9	534.2	191.5	86.6	2.0	9.3	37.4	39.6	4.1	21.9	293.5
Additional premiums for suckler cows	63.5	9.3				29.0	1.7		8.1			0.1	6.1			9.2
Complementary payments for suckler cows	9.8						9.8									
Extensification premiums																
Suckler/male animal	706.4	6.4	2.7	40.7	10.5	92.6	214.4	100.6	19.8	1.3		15.5	13.5	7.8	17.5	163.1
PSE C2 Ewe and goat																
Ewe and goat premiums	1171.0	0.9	1.2	28.6	117.4	308.8	117.0	83.2	98.5	0.1	9.9	1.8	37.4	1.2	2.4	362.5
Fixed ewe and goat premium in less favored and mountain areas	3639	1		70	402	1100	392	261	296		7	1	141	6	7	955
PSE F2 Beef/Veal																
Premiums for fattening young male calves	96.0						17.2	0.8					4.0			74.1
Exceptional support measures for cattle slaughtering	243.4															243.4
Additional premiums for suckler cows	42.3						2.1	4.4								35.8
Early slaughter of calves premium	1161	10.8	0.2	11.1	0.1	0.2	29.8		19.7	0.0	34.1	6.6	1.6	0.3	1.6	0

Source: FEOGA-Garantie – Exercice 1998. Dépenses 16.10.1997 au 15.10.1998. Commission des Communautés Européennes. VI.G.2. VI/72/98

Appendix

Table 16.E.A1. Components of Producer Subsidy Estimates

Producer Support Estimate (PSE)

- A. Market price support
 - 1. Based on unlimited output
 - 2. Based on limited output
 - B. Payments based on output
 - 1. Based on unlimited output
 - 2. Based on limited output
 - C. Payments based on area planted/animal numbers
 - 1. Based on unlimited area or animal numbers
 - 2. Based on limited area or animal numbers
 - D. Payments based on historical entitlements
 - 1. Based on historical plantings/animal numbers or production
 - 2. Based on historical support programmes
 - E. Payments based on input use
 - 1. Based on use of variable inputs
 - 2. Based on use of on-farm services
 - 3. Based on use of fixed inputs
 - F. Payments based on input constraints
 - 1. Based on constraints on variable inputs
 - 2. Based on constraints on fixed inputs
 - 3. Based on constraints on a set of inputs
 - G. Payments based on overall farming income
 - 1. Based on farm income level
 - 2. Based on established minimum income
 - H. Miscellaneous payments
 - 1. National payments
 - 2. Sub-national payments
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