

Annual Statistics  
**2010**

To all users of the FEFCO Annual Statistics 2010

Dear User,

We are happy to provide you with the FEFCO statistics 2010.

Unfortunately, this year's statistics are not complete and might therefore lead to some irritation.

France and Denmark have delivered their figures for shipments, but all other figures are missing. This leads to a summary in which the figures for shipments and raw material are based on a different selection of countries and could be confusing.

We hope to receive the missing figures soon and will update as soon as they are available.

Best Regards

Angelika Christ  
Secretary General

## FEFCO ANNUAL STATISTICS 2010

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## FEFCO ANNUAL REPORT 2010 Key Statistics

	2009	2010	% Change
Total Shipments (Millions of m <sup>2</sup> ) (including Non-Members)	39.239	42.114	7,30
Total Shipments ('000 Tonnes) (including Non-Members)	20.724	22.182	7,00
Shipments of Member Companies (Millions of m <sup>2</sup> )	33.365	35.549	6,50
Shipments of Member Companies ( '000 Tonnes)	17.655	18.773	6,00
Total Number of Companies (including Non-Members)	426	419	-1,70
Total Number of Plants (including Non-Members)	702	686	-2,30
Average Weight of Board in g/m <sup>2</sup> (including Non-Members)	528	527	-0,20
Die Cut Boxes (as % of Total Shipments in m <sup>2</sup> ) (including Non-Members & Sheetplants)	41,6	42,5	9,00
Shipments in Sheets (as % of Total Shipments in m <sup>2</sup> ) (including Non-Members)	16,1	15,8	5,70
Total Consumption of Raw Materials ( '000 Tonnes) (including Non-Members)	19.353	20.282	4,80
Consumption of Kraftliner as % of Total Consumption of Raw Materials	5,3	5,4	1,90
Consumption of Brown Kraftliner as % of Total Consumption of Raw Materials	15,9	15,0	-6,00
Consumption of Testliner as % of Total Consumption of Raw Materials	31,0	32,1	3,40
Consumption of Other Recycled Liner as % of Total Consumption of Raw Materials	7,1	6,7	-6,00
Consumption of Semi-chemical Fluting as % of Total Consumption of Raw Materials	9,2	7,4	-24,30
Consumption of Recycled Fluting as % of Total Consumption of Raw Materials	32,3	34,1	5,30
Total Personnel	78.929	78.749	-0,20

**Total Shipments in Millions of m<sup>2</sup>  
(including Non-Members)**

	2009	2010	% Change 2009/2010	Members Only
<b>Austria</b>	870	921	5,86	Y / Y
<b>Belgium</b>	938	1.015	8,21	N / N
<b>Croatia</b>	247	243	-1,62	N / N
<b>Czech Republic</b>	779	828	6,29	N / N
<b>Denmark</b>	384	393	2,34	Y / Y
<b>Finland</b>	273	278	1,83	Y / Y
<b>France</b>	5.014	5.405	7,80	N / N
<b>Germany</b>	8.388	9.095	8,43	N / N
<b>Hungary</b>	467	479	2,57	N / N
<b>Italy</b>	6.054	6.419	6,03	N / N
<b>Netherlands</b>	1.105	1.193	7,96	N / N
<b>Norway</b>	194	198	2,06	Y / Y
<b>Poland</b>	2.559	2.808	9,73	N / N
<b>Romania</b>	398	473	18,84	N / N
<b>Slovakia</b>	119	123	3,36	Y / Y
<b>Spain</b>	4.022	4.207	4,60	N / N
<b>Sweden</b>	619	656	5,98	Y / Y
<b>Switzerland</b>	448	474	5,80	Y / Y
<b>Turkey</b>	2.550	2.954	15,84	N / N
<b>United Kingdom</b>	3.811	3.952	3,70	N / N
<b>TOTAL EUROPE</b>	<b>39.239</b>	<b>42.114</b>	<b>7,30</b>	

### Total Shipments in 000's Tonnes (including Non-Members)

	2009	2010	% Change 2009/2010
<b>Austria</b>	424	450	6,13
<b>Belgium</b>	499	540	8,22
<b>Croatia</b>	120	119	-0,83
<b>Czech Republic</b>	386	411	6,48
<b>Denmark</b>	203	208	2,46
<b>Finland</b>	137	137	0
<b>France</b>	2.675	2.877	7,55
<b>Germany</b>	4.386	4.776	8,89
<b>Hungary</b>	243	238	-2,06
<b>Italy</b>	3.484	3.677	5,54
<b>Netherlands</b>	613	661	7,83
<b>Norway</b>	94	97	3,19
<b>Poland</b>	1.325	1.441	8,75
<b>Romania</b>	187	226	20,86
<b>Slovakia</b>	58	63	8,62
<b>Spain</b>	2.215	2.302	3,93
<b>Sweden</b>	307	324	5,54
<b>Switzerland</b>	229	252	10,04
<b>Turkey</b>	1.389	1.564	12,60
<b>United Kingdom</b>	1.750	1.819	3,94
<b>TOTAL EUROPE</b>	<b>20.724</b>	<b>22.182</b>	<b>7,00</b>

## Shipments of Member Companies in Millions of m<sup>2</sup>

	2009	2010	% Change 2009/2010
<b>Austria</b>	870	921	5,86
<b>Belgium</b>	798	811	1,63
<b>Croatia</b>	202	198	-1,98
<b>Czech Republic</b>	475	524	10,32
<b>Denmark</b>	384	393	2,34
<b>Finland</b>	273	278	1,83
<b>France</b>	4.355	4.528	3,97
<b>Germany</b>	6.601	7.067	7,06
<b>Hungary</b>	447	458	2,46
<b>Italy</b>	5.305	5.721	7,84
<b>Netherlands</b>	1.017	1.085	6,69
<b>Norway</b>	194	198	2,06
<b>Poland</b>	1.976	2.168	9,72
<b>Romania</b>	369	433	17,34
<b>Slovakia</b>	119	123	3,36
<b>Spain</b>	3.702	3.915	5,75
<b>Sweden</b>	619	656	5,98
<b>Switzerland</b>	448	474	5,80
<b>Turkey</b>	1.838	2.151	17,03
<b>United Kingdom</b>	3.373	3.447	2,19
<b>Membership Total</b>	<b>33.365</b>	<b>35.549</b>	<b>6,50</b>

## Shipments of Member Companies in 000's Tonnes

	Membership 2009		Membership 2010	
	Tonnes	% of Total Shipments	Tonnes	% of Total Shipments
<b>Austria</b>	424	100,00	450	100,00
<b>Belgium</b>	424	84,97	432	80,00
<b>Croatia</b>	98	81,67	97	81,51
<b>Czech Republic</b>	236	61,14	261	63,50
<b>Denmark</b>	203	100,00	208	100,00
<b>Finland</b>	137	100,00	137	100,00
<b>France</b>	2.323	86,84	2.410	83,77
<b>Germany</b>	3.457	78,82	3.728	78,06
<b>Hungary</b>	232	95,47	227	95,38
<b>Italy</b>	3.093	88,78	3.308	89,96
<b>Netherlands</b>	564	92,01	601	90,92
<b>Norway</b>	94	100,00	97	100,00
<b>Poland</b>	1.019	76,91	1.108	76,89
<b>Romania</b>	172	91,98	205	90,71
<b>Slovakia</b>	58	100,00	63	100,00
<b>Spain</b>	2.039	92,05	2.142	93,05
<b>Sweden</b>	307	100,00	324	100,00
<b>Switzerland</b>	229	100,00	252	100,00
<b>Turkey</b>	1.001	72,07	1.140	72,89
<b>United Kingdom</b>	1.545	88,29	1.583	87,03
<b>Membership Total</b>	<b>17.655</b>	<b>85,20</b>	<b>18.773</b>	<b>84,60</b>



## Total Number of Companies (including Non-Members)

	2009	2010
<b>Austria</b>	8	8
<b>Belgium</b>	9	9
<b>Croatia</b>	6	6
<b>Czech Republic</b>	7	7
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	3	3
<b>France</b>	23	22
<b>Germany</b>	39	39
<b>Hungary</b>	6	6
<b>Italy</b>	59	59
<b>Netherlands</b>	9	9
<b>Norway</b>	3	3
<b>Poland</b>	34	34
<b>Romania</b>	11	10
<b>Slovakia</b>	3	3
<b>Spain</b>	81	77
<b>Sweden</b>	4	4
<b>Switzerland</b>	6	6
<b>Turkey</b>	91	91
<b>United Kingdom</b>	24	23
<b>TOTAL EUROPE</b>	<b>426</b>	<b>419</b>

## Total Number of Plants (including Non-Members)

	2009	2010
<b>Austria</b>	11	11
<b>Belgium</b>	12	12
<b>Croatia</b>	6	6
<b>Czech Republic</b>	9	9
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	5	5
<b>France</b>	75	63
<b>Germany</b>	115	114
<b>Hungary</b>	11	10
<b>Italy</b>	88	88
<b>Netherlands</b>	15	14
<b>Norway</b>	3	3
<b>Poland</b>	47	47
<b>Romania</b>	12	11
<b>Slovakia</b>	3	3
<b>Spain</b>	95	97
<b>Sweden</b>	12	11
<b>Switzerland</b>	8	8
<b>Turkey</b>	113	114
<b>United Kingdom</b>	62	60
<b>TOTAL EUROPE</b>	<b>702</b>	<b>686</b>

## Total Number of Corrugators (including Non-Members)

	2010			Result
	<2m	>2 <2,5m	> 2,5m	
<b>Austria</b>	1	8	2	11
<b>Belgium</b>	n.a.	14	4	18
<b>Croatia</b>	1	5	n.a.	6
<b>Czech Republic</b>	1	8	1	10
<b>Denmark</b>	n.a.	n.a.	n.a.	n.a.
<b>Finland</b>	1	3	1	5
<b>France</b>	n.a.	n.a.	n.a.	n.a.
<b>Germany</b>	13	79	18	110
<b>Hungary</b>	2	8	n.a.	10
<b>Italy</b>	8	81	13	102
<b>Netherlands</b>	n.a.	13	1	14
<b>Norway</b>	n.a.	3	n.a.	3
<b>Poland</b>	3	16	6	25
<b>Romania</b>	1	10	n.a.	11
<b>Slovakia</b>	2	2	n.a.	4
<b>Spain</b>	15	88	2	105
<b>Sweden</b>	n.a.	11	1	12
<b>Switzerland</b>	2	6	n.a.	8
<b>Turkey</b>	71	47	2	120
<b>United Kingdom</b>	13	38	18	69
<b>TOTAL EUROPE</b>	<b>134</b>	<b>440</b>	<b>69</b>	<b>0</b>

**Average Weight of Board in g/m<sup>2</sup>  
(including Non-Members)**

	<b>2009</b>	<b>2010</b>
<b>Austria</b>	487	489
<b>Belgium</b>	532	532
<b>Croatia</b>	486	490
<b>Czech Republic</b>	496	496
<b>Denmark</b>	529	529
<b>Finland</b>	502	493
<b>France</b>	534	532
<b>Germany</b>	523	525
<b>Hungary</b>	520	497
<b>Italy</b>	575	573
<b>Netherlands</b>	555	554
<b>Norway</b>	485	490
<b>Poland</b>	518	513
<b>Romania</b>	470	478
<b>Slovakia</b>	487	512
<b>Spain</b>	551	547
<b>Sweden</b>	496	494
<b>Switzerland</b>	511	532
<b>Turkey</b>	545	529
<b>United Kingdom</b>	459	460
<b>TOTAL EUROPE as weighted average</b>	<b>528</b>	<b>527</b>

**Die Cut Boxes**  
**(as % of Total Shipments in m<sup>2</sup>)**  
**(including Non-Members & Sheetplants)**

	<b>2009</b>	<b>2010</b>
<b>Austria</b>	57,4	56,9
<b>Belgium</b>	44,9	43,1
<b>Croatia</b>	43,6	45,7
<b>Czech Republic</b>	43,4	40,9
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	61,5	61,1
<b>France</b>	n.a.	n.a.
<b>Germany</b>	46,0	46,6
<b>Hungary</b>	32,1	30,5
<b>Italy</b>	n.a.	n.a.
<b>Netherlands</b>	43,9	40,6
<b>Norway</b>	54,2	53,6
<b>Poland</b>	42,5	44,7
<b>Romania</b>	30,2	30,5
<b>Slovakia</b>	46,0	49,2
<b>Spain</b>	46,0	46,0
<b>Sweden</b>	n.a.	n.a.
<b>Switzerland</b>	52,2	54,0
<b>Turkey</b>	30,5	34,4
<b>United Kingdom</b>	27,6	30,4
<b>TOTAL EUROPE as weighted average</b>	<b>41,6</b>	<b>42,5</b>

**Shipments in Sheets  
(as % of Total Shipments in m<sup>2</sup>)  
(including Non-Members)**

	<b>2009</b>	<b>2010</b>
<b>Austria</b>	11,2	11,2
<b>Belgium</b>	6,3	7,1
<b>Croatia</b>	26,4	26,0
<b>Czech Republic</b>	15,0	17,8
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	7,6	8,2
<b>France</b>	n.a.	n.a.
<b>Germany</b>	11,4	10,8
<b>Hungary</b>	31,4	32,0
<b>Italy</b>	n.a.	n.a.
<b>Netherlands</b>	9,0	8,4
<b>Norway</b>	4,7	5,9
<b>Poland</b>	26,9	25,1
<b>Romania</b>	35,5	30,5
<b>Slovakia</b>	9,8	8,7
<b>Spain</b>	16,3	16,2
<b>Sweden</b>	6,8	7,4
<b>Switzerland</b>	6,6	6,9
<b>Turkey</b>	9,5	9,1
<b>United Kingdom</b>	28,5	30,1
<b>TOTAL EUROPE as weighted average</b>	<b>16,1</b>	<b>15,8</b>

### Total Consumption of Raw Materials in 000's Tonnes (including Non-Members)

	2009	2010	% Change 2009/2010
<b>Austria</b>	491,0	519,0	5,70
<b>Belgium</b>	459,0	425,0	-7,41
<b>Croatia</b>	107,0	105,0	-1,87
<b>Czech Republic</b>	407,0	448,0	10,07
<b>Denmark</b>	n.a.	n.a.	n.a.
<b>Finland</b>	148,0	141,0	-4,73
<b>France</b>	n.a.	n.a.	n.a.
<b>Germany</b>	4.627,0	5.025,0	8,60
<b>Hungary</b>	267,0	265,0	-0,75
<b>Italy</b>	3.589,0	3.787,0	5,52
<b>Netherlands</b>	675,0	724,0	7,26
<b>Norway</b>	102,0	105,0	2,94
<b>Poland</b>	1.615,0	1.501,0	-7,06
<b>Romania</b>	178,0	224,0	25,84
<b>Slovakia</b>	65,0	74,0	13,85
<b>Spain</b>	2.457,0	2.554,0	3,95
<b>Sweden</b>	356,0	373,0	4,78
<b>Switzerland</b>	206,0	230,0	11,65
<b>Turkey</b>	1.553,0	1.682,0	8,31
<b>United Kingdom</b>	2.051,0	2.100,0	2,39
<b>TOTAL EUROPE</b>	<b>19.353,0</b>	<b>20.282,0</b>	<b>4,80</b>

**Consumption of Kraftliner  
(as % of the Total Consumption of Raw Materials)  
(including white and coloured kraft)**

	<b>2009</b>	<b>2010</b>
<b>Austria</b>	7,2	6,7
<b>Belgium</b>	5,8	6,0
<b>Croatia</b>	0,6	0,7
<b>Czech Republic</b>	3,1	3,9
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	13,5	12,8
<b>France</b>	n.a.	n.a.
<b>Germany</b>	5,9	5,9
<b>Hungary</b>	3,3	2,3
<b>Italy</b>	5,0	5,0
<b>Netherlands</b>	6,9	6,4
<b>Norway</b>	9,8	13,6
<b>Poland</b>	0,9	1,1
<b>Romania</b>	1,0	1,2
<b>Slovakia</b>	1,8	0,9
<b>Spain</b>	5,4	7,6
<b>Sweden</b>	13,6	12,9
<b>Switzerland</b>	7,0	6,5
<b>Turkey</b>	1,4	0,4
<b>United Kingdom</b>	8,6	7,9
<b>TOTAL EUROPE as weighted average</b>	<b>5,3</b>	<b>5,4</b>



**Consumption of Brown Kraftliner  
(as % of the Total Consumption of Raw Materials)**

	<b>2009</b>	<b>2010</b>
<b>Austria</b>	13,4	13,7
<b>Belgium</b>	11,6	9,5
<b>Croatia</b>	4,5	4,7
<b>Czech Republic</b>	9,4	10,3
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	14,0	12,4
<b>France</b>	n.a.	n.a.
<b>Germany</b>	14,4	14,7
<b>Hungary</b>	15,6	16,3
<b>Italy</b>	20,0	20,6
<b>Netherlands</b>	15,4	16,7
<b>Norway</b>	7,8	12,9
<b>Poland</b>	9,5	6,7
<b>Romania</b>	11,5	8,5
<b>Slovakia</b>	10,7	8,1
<b>Spain</b>	16,0	13,2
<b>Sweden</b>	13,6	12,9
<b>Switzerland</b>	19,1	15,9
<b>Turkey</b>	25,8	20,2
<b>United Kingdom</b>	14,6	13,2
<b>TOTAL EUROPE as weighted average</b>	<b>15,9</b>	<b>15,0</b>

**Consumption of Testliner  
(as % of the Total Consumption of Raw Materials)**

	<b>2009</b>	<b>2010</b>
<b>Austria</b>	35,1	35,4
<b>Belgium</b>	38,0	40,2
<b>Croatia</b>	46,1	46,6
<b>Czech Republic</b>	43,0	41,3
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	32,7	35,1
<b>France</b>	n.a.	n.a.
<b>Germany</b>	38,4	38,5
<b>Hungary</b>	33,9	36,1
<b>Italy</b>	19,0	18,3
<b>Netherlands</b>	38,5	39,1
<b>Norway</b>	43,9	33,5
<b>Poland</b>	45,0	48,3
<b>Romania</b>	35,9	37,5
<b>Slovakia</b>	43,6	44,8
<b>Spain</b>	15,7	16,0
<b>Sweden</b>	19,1	19,0
<b>Switzerland</b>	36,2	35,6
<b>Turkey</b>	20,8	31,6
<b>United Kingdom</b>	41,5	42,4
<b>TOTAL EUROPE as weighted average</b>	<b>31,0</b>	<b>32,1</b>

**Consumption of Other Recycled Liner  
(as % of the Total Consumption of Raw Materials)**

	<b>2009</b>	<b>2010</b>
<b>Austria</b>	6,1	5,9
<b>Belgium</b>	0,8	0,1
<b>Croatia</b>	10,7	9,1
<b>Czech Republic</b>	3,7	3,0
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	2,0	1,8
<b>France</b>	n.a.	n.a.
<b>Germany</b>	2,4	2,5
<b>Hungary</b>	9,5	7,4
<b>Italy</b>	7,2	6,7
<b>Netherlands</b>	0,8	0,5
<b>Norway</b>	1,3	4,0
<b>Poland</b>	5,8	3,7
<b>Romania</b>	24,5	13,6
<b>Slovakia</b>	0,2	0,1
<b>Spain</b>	21,3	23,1
<b>Sweden</b>	19,1	19,0
<b>Switzerland</b>	1,1	5,3
<b>Turkey</b>	2,3	0,1
<b>United Kingdom</b>	n.a.	n.a.
<b>TOTAL EUROPE as weighted average</b>	<b>7,1</b>	<b>6,7</b>

**Consumption of Semi-Chemical Fluting  
(as % of the Total Consumption of Raw Materials)**

	<b>2009</b>	<b>2010</b>
<b>Austria</b>	10,0	10,2
<b>Belgium</b>	1,4	1,0
<b>Croatia</b>	4,8	4,3
<b>Czech Republic</b>	3,6	4,9
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	27,4	24,5
<b>France</b>	n.a.	n.a.
<b>Germany</b>	2,3	1,6
<b>Hungary</b>	4,4	3,0
<b>Italy</b>	14,1	12,5
<b>Netherlands</b>	0,8	1,1
<b>Norway</b>	13,1	12,8
<b>Poland</b>	1,9	1,3
<b>Romania</b>	7,3	6,1
<b>Slovakia</b>	3,1	n.a.
<b>Spain</b>	27,5	25,4
<b>Sweden</b>	18,8	15,6
<b>Switzerland</b>	1,2	0,9
<b>Turkey</b>	12,2	1,2
<b>United Kingdom</b>	1,8	1,3
<b>TOTAL EUROPE as weighted average</b>	<b>9,2</b>	<b>7,4</b>

**Consumption of Recycled Fluting  
(as % of the Total Consumption of Raw Materials)**

	<b>2009</b>	<b>2010</b>
<b>Austria</b>	28,2	28,1
<b>Belgium</b>	42,4	43,2
<b>Croatia</b>	33,3	34,6
<b>Czech Republic</b>	37,2	36,6
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	10,4	13,4
<b>France</b>	n.a.	n.a.
<b>Germany</b>	36,6	36,8
<b>Hungary</b>	33,3	34,9
<b>Italy</b>	34,7	36,9
<b>Netherlands</b>	37,6	36,2
<b>Norway</b>	24,1	23,2
<b>Poland</b>	36,9	38,9
<b>Romania</b>	19,8	33,1
<b>Slovakia</b>	40,6	46,1
<b>Spain</b>	14,1	14,7
<b>Sweden</b>	15,8	20,6
<b>Switzerland</b>	35,4	35,8
<b>Turkey</b>	37,5	46,5
<b>United Kingdom</b>	33,5	35,2
<b>TOTAL EUROPE as weighted average</b>	<b>32,3</b>	<b>34,1</b>

## Total Number of Personnel

	2009		2010	
	Production Employees	Total Employees	Production Employees	Total Employees
<b>Austria</b>	1.387	1.877	1.389	1.895
<b>Belgium</b>	1.734	2.234	1.658	2.177
<b>Croatia</b>	569	860	551	781
<b>Czech Republic</b>	1.179	1.683	1.237	1.594
<b>Denmark</b>	n.a.	n.a.	n.a.	n.a.
<b>Finland</b>	722	947	710	937
<b>France</b>	n.a.	n.a.	n.a.	n.a.
<b>Germany</b>	12.783	17.829	12.919	17.918
<b>Hungary</b>	1.012	1.379	1.068	1.457
<b>Italy</b>	5.981	13.292	5.800	13.000
<b>Netherlands</b>	1.428	2.128	1.431	2.129
<b>Norway</b>	434	610	399	574
<b>Poland</b>	3.358	5.359	3.539	5.564
<b>Romania</b>	1.445	1.965	1.295	1.782
<b>Slovakia</b>	275	395	259	367
<b>Spain</b>	7.597	10.042	7.564	10.042
<b>Sweden</b>	1.266	1.805	1.256	1.770
<b>Switzerland</b>	903	1.320	905	1.316
<b>Turkey</b>	5.762	7.544	5.467	7.786
<b>United Kingdom</b>	5.040	7.660	5.040	7.660
<b>TOTAL EUROPE</b>	<b>52.875</b>	<b>78.929</b>	<b>52.487</b>	<b>78.749</b>

## Production per Head in 1000 m<sup>2</sup>

	2009	2010
<b>Austria</b>	627	663
<b>Belgium</b>	541	612
<b>Croatia</b>	434	441
<b>Czech Republic</b>	661	669
<b>Denmark</b>	n.a.	n.a.
<b>Finland</b>	378	392
<b>France</b>	n.a.	n.a.
<b>Germany</b>	656	704
<b>Hungary</b>	461	449
<b>Italy</b>	1.012	1.107
<b>Netherlands</b>	774	834
<b>Norway</b>	447	496
<b>Poland</b>	762	793
<b>Romania</b>	275	365
<b>Slovakia</b>	433	475
<b>Spain</b>	529	556
<b>Sweden</b>	489	522
<b>Switzerland</b>	496	524
<b>Turkey</b>	443	540
<b>United Kingdom</b>	756	784
<b>TOTAL EUROPE</b>	<b>742</b>	<b>802</b>

## Nominal Working Time and Productivity per Head

	Working Time [hours / year]		Productivity [m <sup>2</sup> /man hour]	
	2009	2010	2009	2010
<b>Austria</b>	1.695	1.703	370	389
<b>Belgium</b>	1.485	1.499	364	408
<b>Croatia</b>	2.008	2.016	216	219
<b>Czech Republic</b>	1.818	1.830	364	366
<b>Denmark</b>	1.620	1.650	n.a.	n.a.
<b>Finland</b>	1.694	1.699	223	231
<b>France</b>	n.a.	n.a.	n.a.	n.a.
<b>Germany</b>	1.850	1.850	355	381
<b>Hungary</b>	1.805	1.930	255	233
<b>Italy</b>	1.768	1.760	572	629
<b>Netherlands</b>	n.a.	n.a.	n.a.	n.a.
<b>Norway</b>	1.725	1.725	259	288
<b>Poland</b>	2.024	2.024	376	392
<b>Romania</b>	1.795	1.856	153	197
<b>Slovakia</b>	1.875	1.875	231	253
<b>Spain</b>	1.776	1.776	298	313
<b>Sweden</b>	1.500	1.500	326	348
<b>Switzerland</b>	2.014	2.008	246	261
<b>Turkey</b>	2.040	2.040	217	265
<b>United Kingdom</b>	1.710	1.710	442	458
<b>TOTAL EUROPE</b>	<b>1.789</b>	<b>1.803</b>	<b>310</b>	<b>331</b>



## Classification of shipment by end-use sector, as a percentage of turnover 2010

	Austria	Belgium	Croatia	Czech Republic	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Romania	Slovakia	Spain	Sweden	Switzerland	Turkey	United Kingdom	Weighted Average
<b>1</b>	26,2	48,8	37,9	28,0	n.a.	24,7	n.a.	28,3	20,5	7,8	36,0	30,1	26,7	25,0	24,9	16,5	26,1	39,9	n.a.	n.a.	<b>27,0</b>
<b>2</b>	6,3	7,0	1,9	2,0	n.a.	7,2	n.a.	3,0	3,8	42,7	13,9	21,1	4,0	4,5	2,9	23,0	2,0	3,5	n.a.	n.a.	<b>9,0</b>
<b>3</b>	8,3	4,2	7,4	5,8	n.a.	8,1	n.a.	5,7	1,2	9,5	5,7	4,8	6,2	6,0	6,9	15,0	6,0	6,1	n.a.	n.a.	<b>7,9</b>
<b>4</b>	0,4	0,3	1,9	0,6	n.a.	0,0	n.a.	0,7	0,4	1,3	1,7	0,3	1,1	1,0	1,7	1,6	0,0	1,4	n.a.	n.a.	<b>0,9</b>
<b>Subtotal</b>	<b>41,2</b>	<b>60,3</b>	<b>49,1</b>	<b>36,4</b>	<b>n.a.</b>	<b>40,0</b>	<b>n.a.</b>	<b>37,7</b>	<b>25,9</b>	<b>61,3</b>	<b>57,3</b>	<b>56,3</b>	<b>38,0</b>	<b>36,5</b>	<b>36,4</b>	<b>56,1</b>	<b>34,1</b>	<b>50,9</b>	<b>n.a.</b>	<b>n.a.</b>	<b>44,8</b>
<b>5</b>	1,2	2,4	0,6	0,3	n.a.	1,2	n.a.	1,2	0,4	1,5	1,1	0,6	1,5	1,0	0,9	1,0	0,7	1,7	n.a.	n.a.	<b>1,1</b>
<b>6</b>	3,0	1,6	2,1	3,1	n.a.	2,0	n.a.	2,0	4,3	1,1	0,3	4,2	6,2	6,4	2,2	1,0	6,2	1,0	n.a.	n.a.	<b>2,0</b>
<b>7</b>	6,3	5,9	3,1	4,2	n.a.	15,9	n.a.	5,2	2,9	12,0	7,7	8,4	2,7	2,0	2,0	2,5	17,4	6,0	n.a.	n.a.	<b>5,5</b>
<b>8</b>	3,3	7,2	0,7	3,0	n.a.	2,8	n.a.	5,7	1,1	3,3	3,9	3,9	2,5	2,0	8,7	2,0	6,0	7,3	n.a.	n.a.	<b>4,4</b>
<b>9</b>	2,2	2,7	1,0	8,9	n.a.	1,5	n.a.	4,4	6,2	3,8	1,1	1,0	4,5	1,0	9,1	3,0	0,0	2,6	n.a.	n.a.	<b>3,4</b>
<b>10</b>	3,9	0,2	1,7	3,3	n.a.	2,5	n.a.	4,0	1,2	1,2	4,1	0,0	0,6	1,0	0,1	1,0	0,0	1,2	n.a.	n.a.	<b>2,6</b>
<b>11</b>	3,0	1,5	1,7	6,0	n.a.	2,6	n.a.	1,3	0,7	5,7	1,0	0,4	1,7	4,0	0,2	3,0	1,6	0,5	n.a.	n.a.	<b>1,9</b>
<b>12</b>	6,7	1,1	0,8	1,6	n.a.	3,6	n.a.	3,6	0,4	2,0	1,4	1,7	0,9	0,2	0,4	0,5	6,0	1,6	n.a.	n.a.	<b>2,6</b>
<b>13</b>	1,2	2,7	0,3	1,2	n.a.	2,0	n.a.	1,2	3,0	0,6	0,5	1,0	0,3	3,5	3,8	1,4	0,0	1,9	n.a.	n.a.	<b>1,3</b>
<b>14</b>	2,8	0,2	3,2	4,4	n.a.	3,0	n.a.	2,8	1,6	0,4	0,6	2,1	2,4	2,0	2,3	1,9	1,6	2,1	n.a.	n.a.	<b>2,3</b>
<b>15</b>	0,4	0,2	0,1	8,6	n.a.	4,2	n.a.	0,6	18,8	2,2	0,2	0,5	4,9	1,5	6,2	3,0	0,0	0,1	n.a.	n.a.	<b>1,8</b>
<b>16</b>	0,4	0,3	1,7	0,7	n.a.	0,3	n.a.	1,1	8,0	1,0	0,4	0,4	1,0	3,0	1,2	1,5	0,0	0,2	n.a.	n.a.	<b>1,2</b>
<b>17</b>	0,1	1,3	0,0	2,5	n.a.	0,2	n.a.	2,6	1,1	0,6	2,1	4,4	1,1	0,5	0,0	1,5	0,0	0,5	n.a.	n.a.	<b>1,8</b>
<b>18</b>	0,1	0,3	0,0	0,0	n.a.	0,1	n.a.	0,7	0,0	1,0	0,6	0,0	0,0	0,1	0,0	0,9	0,0	0,4	n.a.	n.a.	<b>0,6</b>
<b>19</b>	2,0	0,0	0,8	2,1	n.a.	2,2	n.a.	0,0	5,1	1,2	1,4	1,9	5,2	1,0	17,6	1,3	0,0	5,4	n.a.	n.a.	<b>1,1</b>
<b>20</b>	0,6	1,0	0,0	2,1	n.a.	0,2	n.a.	0,8	2,3	0,6	0,1	0,0	0,2	2,0	0,2	2,0	0,0	1,0	n.a.	n.a.	<b>1,0</b>
<b>21</b>	3,7	3,0	1,7	1,6	n.a.	2,9	n.a.	2,8	0,0	0,2	2,1	0,0	2,0	0,3	0,0	2,5	0,0	0,8	n.a.	n.a.	<b>2,3</b>
<b>22</b>	11,5	4,4	24,4	6,8	n.a.	5,4	n.a.	16,0	12,5	0,0	8,4	1,2	16,0	30,0	8,7	11,4	20,1	8,6	n.a.	n.a.	<b>13,0</b>
<b>23</b>	6,4	3,7	7,0	3,2	n.a.	7,4	n.a.	6,3	4,5	0,3	5,7	12,0	8,3	2,0	0,0	2,5	6,3	6,2	n.a.	n.a.	<b>5,2</b>
<b>Subtotal</b>	<b>58,8</b>	<b>39,7</b>	<b>50,9</b>	<b>63,6</b>	<b>n.a.</b>	<b>60,0</b>	<b>n.a.</b>	<b>62,3</b>	<b>74,1</b>	<b>38,7</b>	<b>42,7</b>	<b>43,7</b>	<b>62,0</b>	<b>63,5</b>	<b>63,6</b>	<b>43,9</b>	<b>65,9</b>	<b>49,1</b>	<b>n.a.</b>	<b>n.a.</b>	<b>55,2</b>
	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>n.a.</b>	<b>100,0</b>	<b>n.a.</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>n.a.</b>	<b>n.a.</b>	<b>100,0</b>

### Categories for classification:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1 Foodstuffs</li> <li>2 Agricultural Produce and Fresh Food</li> <li>3 Beverages</li> <li>4 Tobacco Products</li> <li>5 Textiles, clothing, leather goods</li> <li>6 Wooden goods and furniture</li> <li>7 Paper goods and printed matter</li> <li>8 Chemicals and related products</li> <li>9 Detergents, soaps, perfumes, cosmetics, etc.</li> <li>10 Rubber goods</li> <li>11 Glassware, ceramicware and other non minerals</li> <li>12 Metalware</li> </ul> | <ul style="list-style-type: none"> <li>13 Machines and parts</li> <li>14 Electrical equipment and accessories (except domestic appliance)</li> <li>15 Audio, video and communication equipments</li> <li>16 Electric appliances</li> <li>17 Means of transport</li> <li>18 Precision instruments, optical equipment and watches</li> <li>19 Other industrial product</li> <li>20 Sportswear and accessories, toys</li> <li>21 Direct mail companies, dispatching houses</li> <li>22 Corrugated Board converters (sheet plans)</li> <li>23 All other not classified above</li> </ul> |
|--|---|

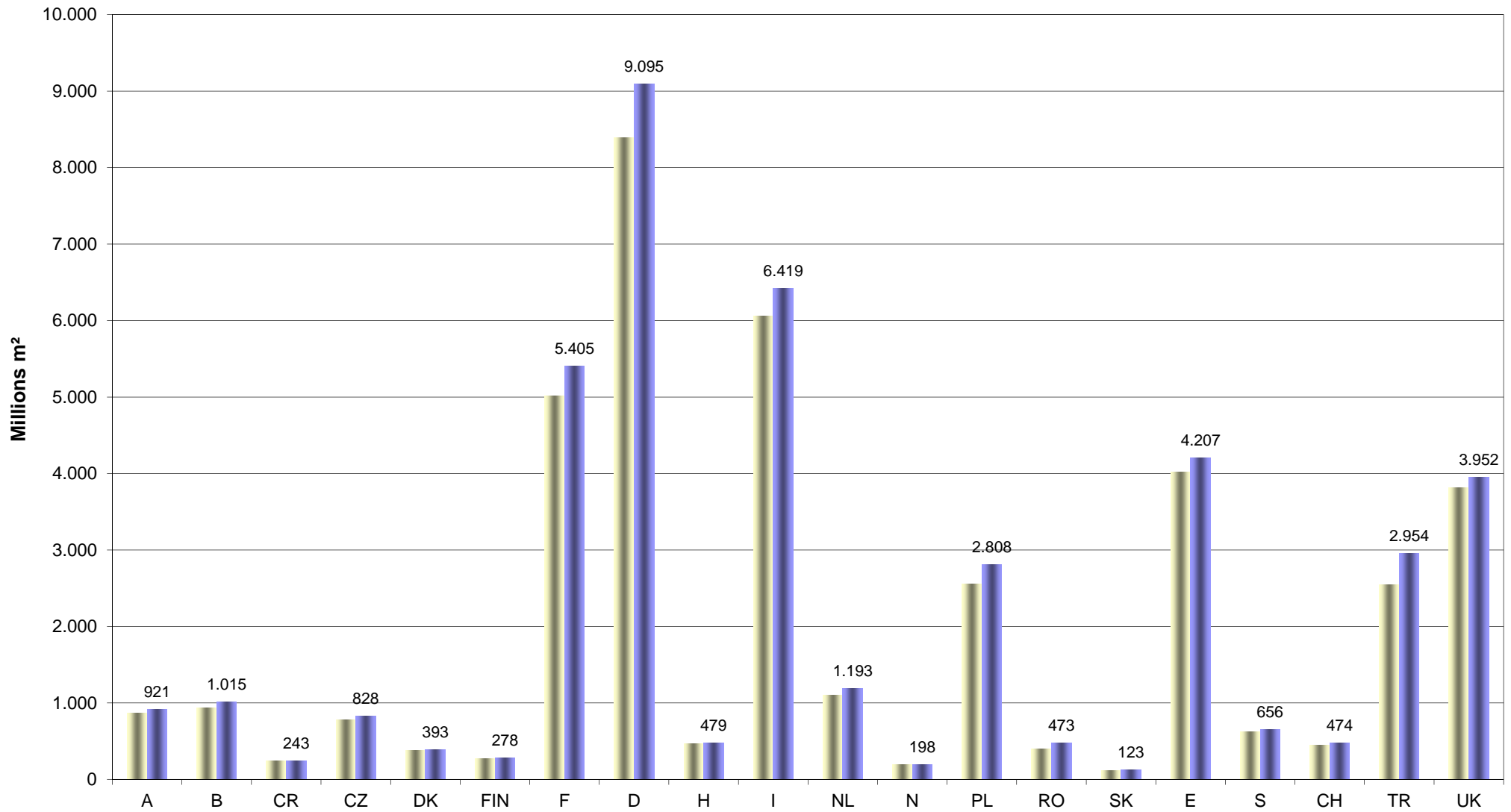
## Fluting Types in % of Total Shipments 2010

	B-flute	C-flute	BC-flute	E-flute	Micro-FI	Others	Total
<b>Austria</b>	37,60	16,50	12,70	20,90	0,80	11,50	100,00
<b>Belgium</b>	46,80	24,80	13,50	6,00	0,20	8,70	100,00
<b>Croatia</b>	44,50	20,20	17,50	15,70	0,10	2,00	100,00
<b>Czech Republic</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Denmark</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Finland</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>France</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Germany</b>	40,40	15,00	17,90	12,30	1,10	13,30	100,00
<b>Hungary</b>	38,30	21,80	18,70	12,40	1,30	7,50	100,00
<b>Italy</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Netherlands</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Norway</b>	45,10	31,00	6,10	16,60	0,50	0,70	100,00
<b>Poland</b>	48,00	20,40	13,20	11,60	0,60	6,20	100,00
<b>Romania</b>	34,00	30,00	13,00	15,00	0,50	7,50	100,00
<b>Slovakia</b>	48,60	19,40	18,40	13,20	0	0,40	100,00
<b>Spain</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Sweden</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Switzerland</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Turkey</b>	29,80	27,60	34,10	7,90	0	0,60	100,00
<b>United Kingdom</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	40	19	19	12	1	9	

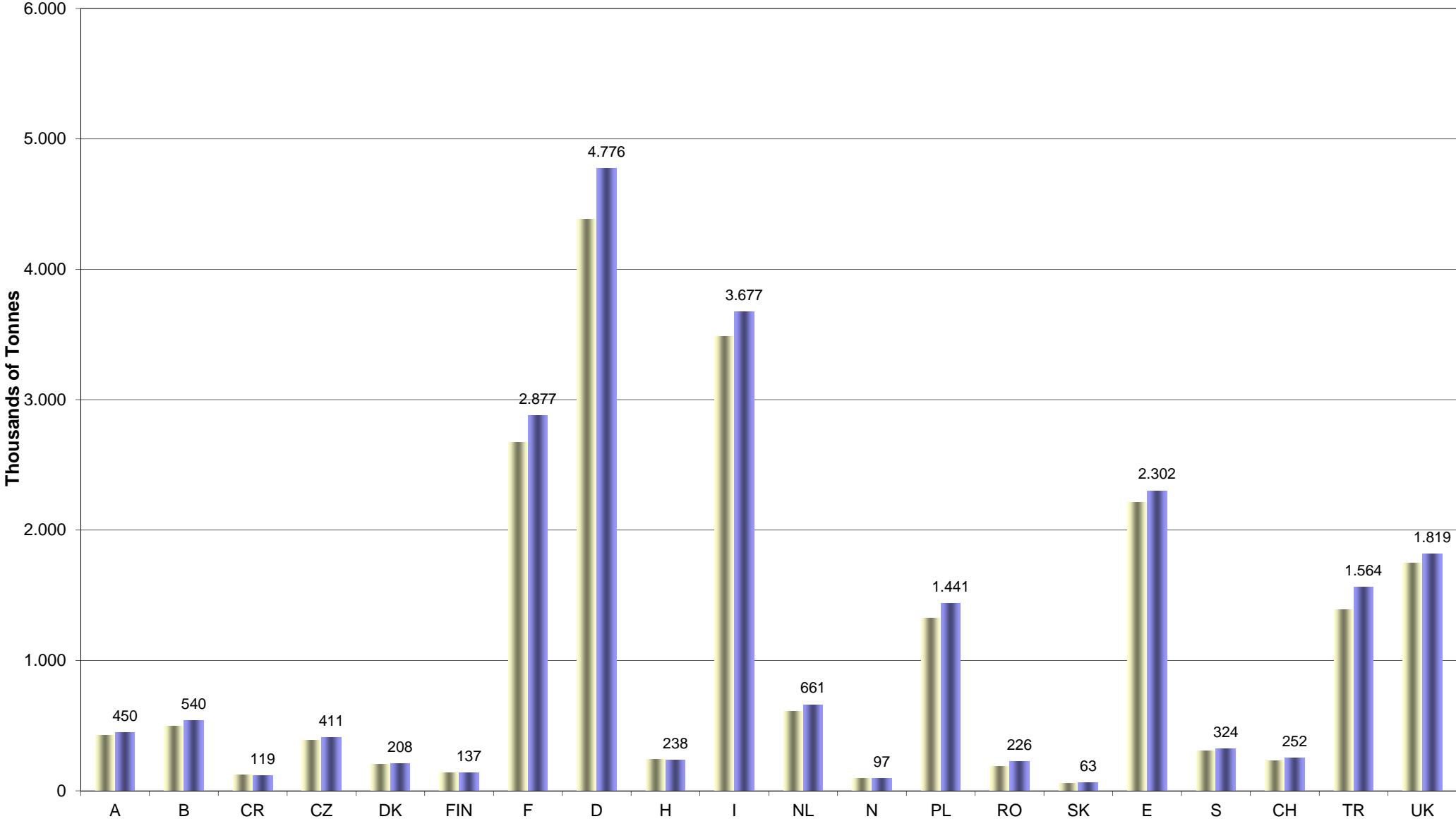
Countries	% of the Products by Number of Printing Colours										% Changes				
	2009					2010					2009 / 2010				
	0	1	2	3	> 3	0	1	2	3	> 3	0	1	2	3	> 3
Austria	36,2	34,6	12,7	7,7	8,8	36,1	35,5	11,9	7,6	8,9	-0,3	2,6	-6,3	-1,3	1,1
Belgium	21,0	47,5	14,6	13,9	3,0	19,5	48,4	14,9	11,2	6,0	-7,1	1,9	2,1	-19,4	100,0
Croatia	46,8	31,0	13,1	6,1	3,0	35,6	40,7	11,4	8,5	3,8	-23,9	31,3	-13,0	39,3	26,7
Czech Republic	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Denmark	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Finland	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
France	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Germany	30,4	34,3	15,5	9,7	10,1	30,8	34,5	14,9	9,8	10,0	1,3	0,6	-3,9	1,0	-1,0
Hungary	52,2	24,2	10,4	4,1	9,1	49,7	26,3	10,8	5,1	8,1	-4,8	8,7	3,8	24,4	-11,0
Italy	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Norway	24,9	33,5	17,3	13,4	10,9	24,0	35,3	18,1	15,1	7,5	-3,6	5,4	4,6	12,7	-31,2
Poland	42,1	23,3	13,9	10,6	10,1	35,2	26,7	15,0	10,8	12,3	-16,4	14,6	7,9	1,9	21,8
Romania	22,0	30,0	26,0	14,0	8,0	23,0	34,0	25,0	12,0	6,0	4,5	13,3	-3,8	-14,3	-25,0
Slovakia	8,0	30,2	34,4	21,4	6,0	7,3	28,9	36,1	19,9	7,8	-8,8	-4,3	4,9	-7,0	30,0
Spain	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sweden	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Switzerland	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
United Kingdom	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

# Shipments in Millions m<sup>2</sup>

2009 2010

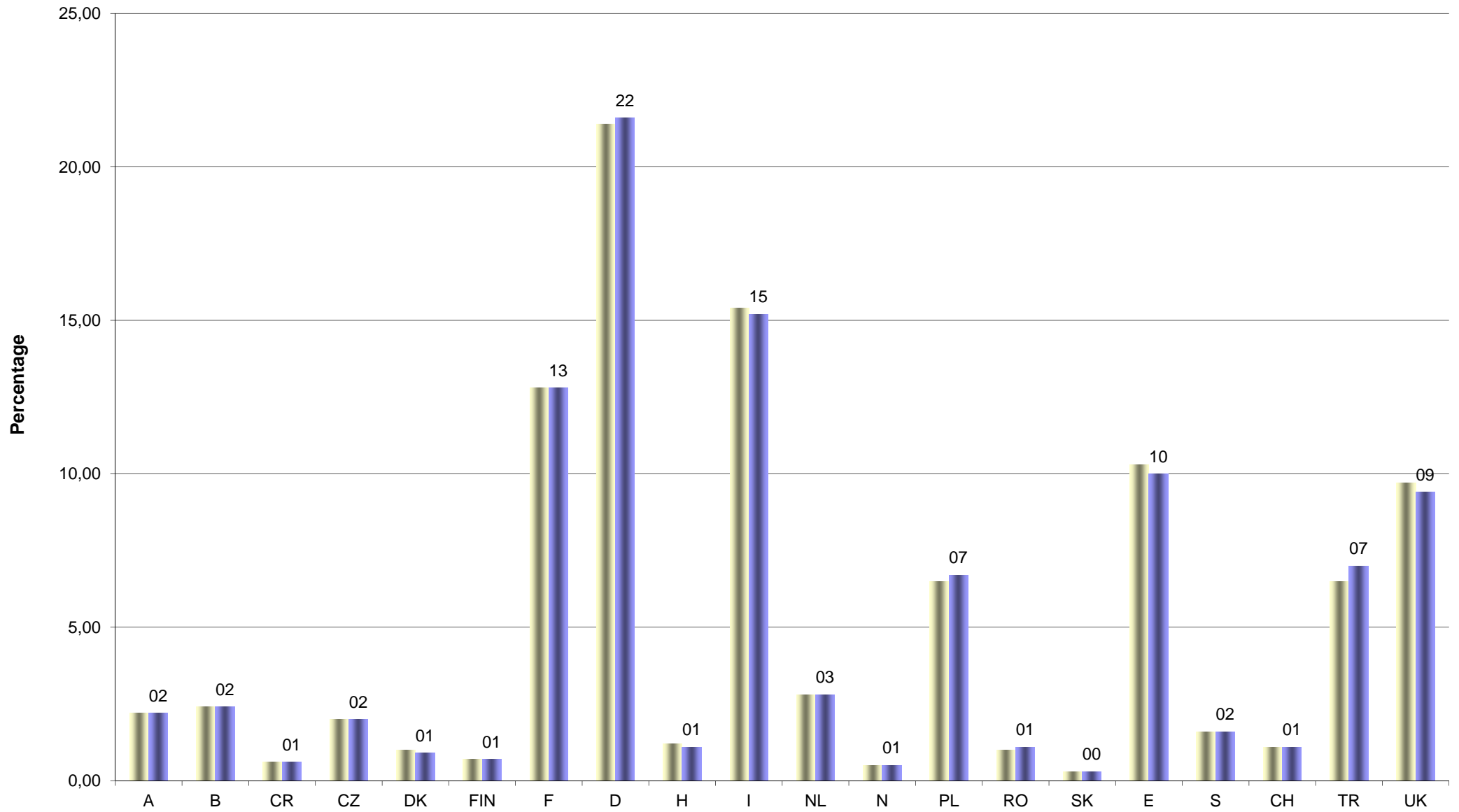


Shipments in '000 Tonnes

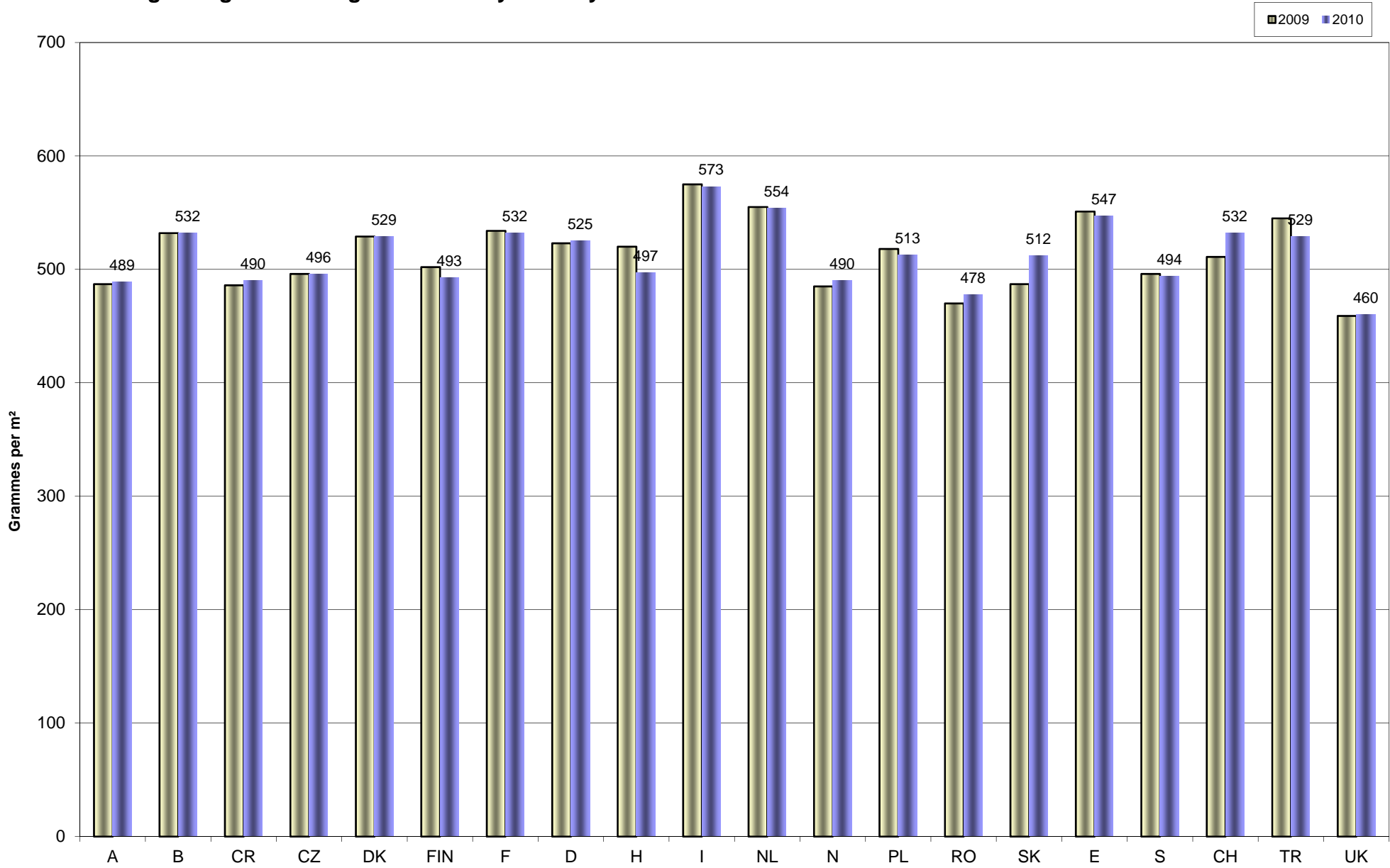


# Relative Share of Total Shipments by Country (based on m<sup>2</sup>)

2009 2010



# Average Weight of Corrugated Board by Country



# Fluting Type

