

# Annual Statistics 2015

## FEFCO ANNUAL STATISTICS 2015

<b>Tables:</b>	Page
Key Statistics	2
Total Shipments (Millions of m <sup>2</sup> ) (including Non-Members)	3
Total Shipments ('000 Tonnes) (including Non-Members)	4
Shipments of Member Companies (Millions of m <sup>2</sup> )	5
Shipments of Member Companies ('000 Tonnes)	6
Total Number of Companies (including Non-Members)	7
Total Number of Plants (including Non-Members)	8
Total Number of Corrugators (including Non-Members)	9
Average Weight of Board in g/m <sup>2</sup> (including Non-Members)	10
Die Cut Boxes (as % of Total Shipments in m <sup>2</sup> ) (including Non-Members & Sheetplants)	11
Shipments in Sheets (as % of Total Shipments in m <sup>2</sup> ) (including Non-Members)	12
Total Consumption of Raw Materials ('000 Tonnes) (including Non-Members)	13
Consumption of Kraftliner as % of Total Consumption of Raw Materials	14
Consumption of Brown Kraftliner as % of Total Consumption of Raw Materials	15
Consumption of Testliner, as % of Total Consumption of Raw Materials	16
Consumption of White Top Testliner	17
Consumption of Other Recycled Liner as % of Total Consumption of Raw Materials	18
Consumption of Semi-Chemical Fluting, as % of Total Consumption of Raw Materials	19
Consumption of Recycled Fluting as % of Total Consumption of Raw Materials	20
Total number of Personnel	21
Production per Head ('000 m <sup>2</sup> )	22
Nominal Working Time per Person (Hours per Year)	23
Classification by End Use	(seperate sheet) 24
Fluting Types in % of Total Shipments	(seperate sheet) 25
Printing Colours	(seperate sheet) 26
Diagramms	27-31

## FEFCO ANNUAL REPORT 2015 Key Statistics

	2014	2015	% Change
Total Shipments (Millions of m <sup>2</sup> ) (including Non-Members)	41,933	43,286	3.20
Total Shipments ('000 Tonnes) (including Non-Members)	21,685	22,279	2.70
Shipments of Member Companies (Millions of m <sup>2</sup> )	30,173	30,939	2.50
Shipments of Member Companies ( '000 Tonnes)	15,505	17,694	12.40
Total Number of Companies (including Non-Members)	395	395	0
Total Number of Plants (including Non-Members)	676	666	-1.50
Average Weight of Board in g/m <sup>2</sup> (including Non-Members)	515	515	0
Die Cut Boxes (as % of Total Shipments in m <sup>2</sup> ) (including Non-Members & Sheetplants)	42.8	43.1	4.20
Shipments in Sheets (as % of Total Shipments in m <sup>2</sup> ) (including Non-Members)	17.5	17.4	2.70
Total Consumption of Raw Materials ( '000 Tonnes) (including Non-Members)	18,128	18,713	3.20
Consumption of Kraftliner as % of Total Consumption of Raw Materials	5.3	4.9	-8.20
Consumption of Brown Kraftliner as % of Total Consumption of Raw Materials	14.0	14.6	4.10
Consumption of Testliner as % of Total Consumption of Raw Materials	29.3	27.8	-5.40
Consumption of Other Recycled Liner as % of Total Consumption of Raw Materials	5.7	5.7	0
Consumption of Semi-chemical Fluting as % of Total Consumption of Raw Materials	5.1	5.0	-2.00
Consumption of Recycled Fluting as % of Total Consumption of Raw Materials	36.5	36.9	1.10
Total Personnel	69,750	70,734	1.40

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

	2014	2015	% Change 2014/2015	Members Only
<b>Austria</b>	944	961	1.80	Y / Y
<b>Czech Republic</b>	968	1,039	7.33	N / N
<b>France</b>	5,403	5,430	0.50	N / N
<b>Germany</b>	9,650	9,873	2.31	N / N
<b>Hungary</b>	562	571	1.60	N / N
<b>Italy</b>	6,349	6,456	1.69	N / N
<b>Norway</b>	207	208	0.48	Y / Y
<b>Poland</b>	3,574	3,795	6.18	N / N
<b>Romania</b>	603	665	10.28	Y / Y
<b>Spain</b>	4,543	4,759	4.75	n.a. / N
<b>Sweden</b>	641	644	0.47	Y / Y
<b>Switzerland</b>	455	443	-2.64	Y / Y
<b>Turkey</b>	3,748	3,965	5.79	N / N
<b>United Kingdom</b>	4,286	4,477	4.46	N / N
<b>TOTAL EUROPE</b>	<b>41,933</b>	<b>43,286</b>	<b>3.20</b>	

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

	2014	2015	% Change 2014/2015
<b>Austria</b>	450	458	1.78
<b>Czech Republic</b>	484	509	5.17
<b>France</b>	2,815	2,838	0.82
<b>Germany</b>	5,007	5,129	2.44
<b>Hungary</b>	274	278	1.46
<b>Italy</b>	3,570	3,620	1.40
<b>Norway</b>	97	99	2.06
<b>Poland</b>	1,787	1,907	6.72
<b>Romania</b>	292	322	10.27
<b>Spain</b>	2,445	2,587	5.81
<b>Sweden</b>	315	314	-0.32
<b>Switzerland</b>	232	229	-1.29
<b>Turkey</b>	1,970	2,031	3.10
<b>United Kingdom</b>	1,947	1,958	0.56
<b>TOTAL EUROPE</b>	<b>21,685</b>	<b>22,279</b>	<b>2.70</b>

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

	2014	2015	% Change 2014/2015
<b>Austria</b>	944	961	1.80
<b>Czech Republic</b>	628	677	7.80
<b>France</b>	3,895	3,914	0.49
<b>Germany</b>	7,390	7,478	1.19
<b>Hungary</b>	519	531	2.31
<b>Italy</b>	5,684	5,800	2.04
<b>Norway</b>	207	208	0.48
<b>Poland</b>	2,932	3,113	6.17
<b>Romania</b>	603	665	10.28
<b>Spain</b>	n.a.	3,478	n.a.
<b>Sweden</b>	641	644	0.47
<b>Switzerland</b>	455	443	-2.64
<b>Turkey</b>	2,671	2,780	4.08
<b>United Kingdom</b>	3,604	3,725	3.36
<b>Membership Total</b>	<b>30,173</b>	<b>34,417</b>	<b>2.50</b>

## Shipments of Member Companies in 000's Tonnes

	Membership 2014		Membership 2015	
	Tonnes	% of Total Shipments	Tonnes	% of Total Shipments
<b>Austria</b>	450	100.00	458	100.00
<b>Czech Republic</b>	308	63.64	333	65.42
<b>France</b>	2,025	71.94	2,041	71.92
<b>Germany</b>	3,800	75.89	3,835	74.77
<b>Hungary</b>	253	92.34	258	92.81
<b>Italy</b>	3,240	90.76	3,299	91.13
<b>Norway</b>	97	100.00	99	100.00
<b>Poland</b>	1,466	82.04	1,565	82.07
<b>Romania</b>	292	100.00	322	100.00
<b>Spain</b>	n.a.	n.a.	1,891	73.10
<b>Sweden</b>	315	100.00	314	100.00
<b>Switzerland</b>	232	100.00	229	100.00
<b>Turkey</b>	1,403	71.22	1,439	70.85
<b>United Kingdom</b>	1,624	83.41	1,611	82.28
<b>Membership Total</b>	<b>15,505</b>	<b>80.60</b>	<b>17,694</b>	<b>79.40</b>

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

	2014	2015
<b>Austria</b>	7	7
<b>Czech Republic</b>	7	7
<b>France</b>	17	17
<b>Germany</b>	44	44
<b>Hungary</b>	7	8
<b>Italy</b>	52	52
<b>Norway</b>	3	3
<b>Poland</b>	34	37
<b>Romania</b>	10	10
<b>Spain</b>	73	69
<b>Sweden</b>	4	4
<b>Switzerland</b>	6	6
<b>Turkey</b>	103	103
<b>United Kingdom</b>	28	28
<b>TOTAL EUROPE</b>	<b>395</b>	<b>395</b>



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

	2014	2015
<b>Austria</b>	9	9
<b>Czech Republic</b>	10	10
<b>France</b>	63	62
<b>Germany</b>	126	124
<b>Hungary</b>	11	10
<b>Italy</b>	85	81
<b>Norway</b>	3	3
<b>Poland</b>	47	50
<b>Romania</b>	11	11
<b>Spain</b>	92	87
<b>Sweden</b>	11	11
<b>Switzerland</b>	8	8
<b>Turkey</b>	132	132
<b>United Kingdom</b>	68	68
<b>TOTAL EUROPE</b>	<b>676</b>	<b>666</b>

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

	2015			Result
	<2m	>2 <2,5m	> 2,5m	
<b>Austria</b>	2	7	1	10
<b>Czech Republic</b>	1	8	1	10
<b>France</b>	n.a.	n.a.	n.a.	n.a.
<b>Germany</b>	6	75	22	103
<b>Hungary</b>	2	8	1	11
<b>Italy</b>	7	74	12	93
<b>Norway</b>	n.a.	2	1	3
<b>Poland</b>	n.a.	n.a.	n.a.	n.a.
<b>Romania</b>	1	10	n.a.	11
<b>Spain</b>	10	77	6	93
<b>Sweden</b>	n.a.	11	n.a.	11
<b>Switzerland</b>	2	6	n.a.	8
<b>Turkey</b>	n.a.	n.a.	n.a.	n.a.
<b>United Kingdom</b>	24	44	9	77
<b>TOTAL EUROPE</b>	<b>55</b>	<b>322</b>	<b>53</b>	<b>430</b>

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

	2014	2015
<b>Austria</b>	477	477
<b>Czech Republic</b>	500	490
<b>France</b>	521	523
<b>Germany</b>	519	519
<b>Hungary</b>	488	487
<b>Italy</b>	562	561
<b>Norway</b>	469	476
<b>Poland</b>	500	503
<b>Romania</b>	484	484
<b>Spain</b>	n.a.	544
<b>Sweden</b>	491	488
<b>Switzerland</b>	510	517
<b>Turkey</b>	526	512
<b>United Kingdom</b>	454	437
<b>TOTAL EUROPE as weighted average</b>	<b>515</b>	<b>515</b>

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

	2014	2015
<b>Austria</b>	50.8	51.9
<b>Czech Republic</b>	34.6	35.7
<b>France</b>	n.a.	n.a.
<b>Germany</b>	47.4	47.9
<b>Hungary</b>	39.7	38.0
<b>Italy</b>	n.a.	n.a.
<b>Norway</b>	59.4	58.2
<b>Poland</b>	42.7	42.6
<b>Romania</b>	36.0	38.0
<b>Spain</b>	46.5	n.a.
<b>Sweden</b>	n.a.	n.a.
<b>Switzerland</b>	60.5	59.5
<b>Turkey</b>	n.a.	n.a.
<b>United Kingdom</b>	31.2	31.8
<b>TOTAL EUROPE as weighted average</b>	<b>42.8</b>	<b>43.1</b>

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

	<b>2014</b>	<b>2015</b>
<b>Austria</b>	11.2	11.3
<b>Czech Republic</b>	35.7	34.9
<b>France</b>	n.a.	n.a.
<b>Germany</b>	8.6	8.7
<b>Hungary</b>	29.3	24.4
<b>Italy</b>	n.a.	n.a.
<b>Norway</b>	4.7	7.3
<b>Poland</b>	24.6	23.9
<b>Romania</b>	30.0	27.0
<b>Spain</b>	15.5	n.a.
<b>Sweden</b>	6.9	6.3
<b>Switzerland</b>	6.1	6.9
<b>Turkey</b>	n.a.	n.a.
<b>United Kingdom</b>	29.2	29.1
<b>TOTAL EUROPE as weighted average</b>	<b>17.5</b>	<b>17.4</b>

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

	2014	2015	% Change 2014/2015
<b>Austria</b>	519	525	1.16
<b>Czech Republic</b>	523	540	3.25
<b>France</b>	n.a.	n.a.	n.a.
<b>Germany</b>	5,298	5,421	2.32
<b>Hungary</b>	274	285	4.01
<b>Italy</b>	3,667	3,729	1.69
<b>Norway</b>	106	107	0.94
<b>Poland</b>	1,858	1,984	6.78
<b>Romania</b>	329	355	7.90
<b>Spain</b>	2,712	2,869	5.79
<b>Sweden</b>	367	361	-1.63
<b>Switzerland</b>	213	208	-2.35
<b>Turkey</b>	n.a.	n.a.	n.a.
<b>United Kingdom</b>	2,262	2,329	2.96
<b>TOTAL EUROPE</b>	<b>18,128</b>	<b>18,713</b>	<b>3.20</b>

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

	<b>2014</b>	<b>2015</b>
<b>Austria</b>	6.1	6.1
<b>Czech Republic</b>	3.5	3.3
<b>France</b>	n.a.	n.a.
<b>Germany</b>	5.5	5.5
<b>Hungary</b>	2.1	2.6
<b>Italy</b>	5.1	4.6
<b>Norway</b>	18.2	17.1
<b>Poland</b>	1.7	1.9
<b>Romania</b>	0.9	0.8
<b>Spain</b>	4.8	4.6
<b>Sweden</b>	14.9	14.8
<b>Switzerland</b>	7.0	7.1
<b>Turkey</b>	2.1	1.2
<b>United Kingdom</b>	7.6	5.4
<b>TOTAL EUROPE as weighted average</b>	<b>5.3</b>	<b>4.9</b>

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

	<b>2014</b>	<b>2015</b>
<b>Austria</b>	13.0	13.5
<b>Czech Republic</b>	13.1	10.7
<b>France</b>	n.a.	n.a.
<b>Germany</b>	14.2	14.7
<b>Hungary</b>	13.2	12.0
<b>Italy</b>	18.3	18.7
<b>Norway</b>	14.4	14.4
<b>Poland</b>	7.7	9.5
<b>Romania</b>	10.5	10.9
<b>Spain</b>	14.9	15.4
<b>Sweden</b>	14.9	14.8
<b>Switzerland</b>	16.6	15.9
<b>Turkey</b>	20.9	19.7
<b>United Kingdom</b>	11.3	12.9
<b>TOTAL EUROPE as weighted average</b>	<b>14.0</b>	<b>14.6</b>



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

	2014	2015
<b>Austria</b>	27.8	30.3
<b>Czech Republic</b>	33.5	35.6
<b>France</b>	n.a.	n.a.
<b>Germany</b>	30.4	30.2
<b>Hungary</b>	36.2	37.2
<b>Italy</b>	19.8	14.4
<b>Norway</b>	40.1	28.1
<b>Poland</b>	37.1	35.5
<b>Romania</b>	33.1	35.3
<b>Spain</b>	22.2	21.0
<b>Sweden</b>	16.6	16.6
<b>Switzerland</b>	39.5	36.8
<b>Turkey</b>	20.5	19.8
<b>United Kingdom</b>	42.8	41.5
<b>TOTAL EUROPE as weighted average</b>	<b>29.3</b>	<b>27.8</b>

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

	2014	2015
<b>Austria</b>	8.7	6.4
<b>Czech Republic</b>	7.9	8.4
<b>France</b>	n.a.	n.a.
<b>Germany</b>	8.5	8.6
<b>Hungary</b>	n.a.	n.a.
<b>Italy</b>	n.a.	4.8
<b>Norway</b>	2.7	3.0
<b>Poland</b>	11.5	11.5
<b>Romania</b>	5.2	5.2
<b>Spain</b>	5.2	5.3
<b>Sweden</b>	n.a.	n.a.
<b>Switzerland</b>	n.a.	n.a.
<b>Turkey</b>	4.8	3.3
<b>United Kingdom</b>	n.a.	n.a.
<b>TOTAL EUROPE as weighted average</b>	<b>8.0</b>	<b>8.0</b>

### Consumption of schrenz and other liners (as % of the Total Consumption of Raw Materials)

	2014	2015
<b>Austria</b>	4.2	3.6
<b>Czech Republic</b>	0.9	n.a.
<b>France</b>	n.a.	n.a.
<b>Germany</b>	1.8	1.6
<b>Hungary</b>	9.4	10.5
<b>Italy</b>	9.4	10.5
<b>Norway</b>	0.5	0.7
<b>Poland</b>	1.8	2.0
<b>Romania</b>	10.9	10.2
<b>Spain</b>	8.9	8.1
<b>Sweden</b>	16.6	16.6
<b>Switzerland</b>	4.5	3.7
<b>Turkey</b>	6.2	5.2
<b>United Kingdom</b>	n.a.	n.a.
<b>TOTAL EUROPE as weighted average</b>	<b>5.7</b>	<b>5.7</b>

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

	2014	2015
<b>Austria</b>	7.5	8.1
<b>Czech Republic</b>	2.2	1.2
<b>France</b>	n.a.	n.a.
<b>Germany</b>	1.6	1.4
<b>Hungary</b>	3.1	1.8
<b>Italy</b>	11.2	11.5
<b>Norway</b>	13.6	13.8
<b>Poland</b>	1.5	1.5
<b>Romania</b>	3.4	3.6
<b>Spain</b>	9.2	8.3
<b>Sweden</b>	10.6	9.7
<b>Switzerland</b>	0.8	5.3
<b>Turkey</b>	7.3	10.3
<b>United Kingdom</b>	0.9	1.9
<b>TOTAL EUROPE as weighted average</b>	<b>5.1</b>	<b>5.0</b>

**Consumption of wellenstoff and other fluting  
(as % of the Total Consumption of Raw Materials)**

	<b>2014</b>	<b>2015</b>
<b>Austria</b>	32.7	32.0
<b>Czech Republic</b>	38.9	40.8
<b>France</b>	n.a.	n.a.
<b>Germany</b>	38.0	38.0
<b>Hungary</b>	36.0	35.9
<b>Italy</b>	36.2	35.5
<b>Norway</b>	10.5	22.9
<b>Poland</b>	38.7	38.1
<b>Romania</b>	36.0	34.0
<b>Spain</b>	34.8	37.3
<b>Sweden</b>	26.4	27.5
<b>Switzerland</b>	31.6	31.2
<b>Turkey</b>	38.2	40.5
<b>United Kingdom</b>	37.4	38.3
<b>TOTAL EUROPE as weighted average</b>	<b>36.5</b>	<b>36.9</b>

## Total Number of Personnel

	2014		2015	
	Production Employees	Total Employees	Production Employees	Total Employees
<b>Austria</b>	1,327	1,795	1,347	1,844
<b>Czech Republic</b>	1,126	1,428	1,187	1,501
<b>France</b>	7,476	11,503	n.a.	n.a.
<b>Germany</b>	13,540	18,805	13,722	19,058
<b>Hungary</b>	1,122	1,499	1,010	1,518
<b>Italy</b>	5,780	7,200	5,840	7,280
<b>Norway</b>	332	529	327	510
<b>Poland</b>	4,150	6,057	4,368	6,344
<b>Romania</b>	1,368	1,810	1,390	1,820
<b>Spain</b>	7,887	10,353	7,887	10,353
<b>Sweden</b>	1,190	1,662	1,156	1,636
<b>Switzerland</b>	887	1,315	853	1,283
<b>Turkey</b>	6,019	7,531	6,086	7,790
<b>United Kingdom</b>	6,446	9,766	6,466	9,797
<b>TOTAL EUROPE</b>	<b>58,650</b>	<b>81,253</b>	<b>51,639</b>	<b>70,734</b>

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

	2014	2015
<b>Austria</b>	711	713
<b>Czech Republic</b>	860	875
<b>France</b>	723	n.a.
<b>Germany</b>	713	720
<b>Hungary</b>	501	565
<b>Italy</b>	1,098	1,105
<b>Norway</b>	623	636
<b>Poland</b>	861	869
<b>Romania</b>	441	478
<b>Spain</b>	576	603
<b>Sweden</b>	539	557
<b>Switzerland</b>	513	519
<b>Turkey</b>	623	651
<b>United Kingdom</b>	665	692
<b>TOTAL EUROPE</b>	<b>715</b>	<b>838</b>

## Nominal Working Time and Productivity per Head

	Working Time [hours / year]		Productivity [m <sup>2</sup> /man hour]	
	2014	2015	2014	2015
<b>Austria</b>	1,695	1,695	420	421
<b>Czech Republic</b>	1,830	1,826	470	479
<b>France</b>	n.a.	n.a.	n.a.	n.a.
<b>Germany</b>	1,850	1,850	385	389
<b>Hungary</b>	1,848	1,848	271	306
<b>Italy</b>	1,896	1,896	579	583
<b>Norway</b>	1,725	1,725	361	369
<b>Poland</b>	2,000	2,016	431	431
<b>Romania</b>	1,904	1,880	232	254
<b>Spain</b>	1,768	1,768	326	341
<b>Sweden</b>	1,500	1,486	359	375
<b>Switzerland</b>	2,084	2,149	246	242
<b>Turkey</b>	2,040	2,040	305	319
<b>United Kingdom</b>	1,710	1,710	389	405
<b>TOTAL EUROPE</b>	<b>1,835</b>	<b>1,838</b>	<b>367</b>	<b>378</b>



## Classification of shipment by end-use sector, as a percentage of turnover 2015

	Austria	Czech Republic	France	Germany	Hungary	Italy	Norway	Poland	Romania	Spain	Sweden	Switzerland	Turkey	United Kingdom			Weighted Average
1	27.5	26.0	n.a.	29.3	19.8	10.7	30.0	32.6	26.5	16.5	30.3	42.2	30.6	n.a.	n.a.	n.a.	26.6
2	8.9	2.0	n.a.	3.4	7.2	37.1	25.0	7.0	6.0	23.3	1.7	4.1	5.7	n.a.	n.a.	n.a.	8.7
3	9.3	5.8	n.a.	4.8	2.2	9.5	5.4	6.6	6.5	15.0	4.4	6.1	4.2	n.a.	n.a.	n.a.	7.3
4	2.3	1.5	n.a.	0.5	1.2	1.2	0.2	1.1	1.5	1.6	0.0	0.7	1.0	n.a.	n.a.	n.a.	0.9
Subtotal	48.0	35.3	n.a.	38.0	30.4	58.5	60.6	47.3	40.5	56.4	36.4	53.1	41.5	n.a.	n.a.	n.a.	43.4
5	1.9	0.4	n.a.	1.7	0.8	1.8	0.5	1.4	1.6	1.0	0.3	1.1	3.5	n.a.	n.a.	n.a.	1.3
6	1.3	2.1	n.a.	1.6	1.1	2.0	3.2	4.4	20.0	1.0	5.6	1.1	4.1	n.a.	n.a.	n.a.	2.6
7	3.2	6.6	n.a.	3.9	6.2	12.0	6.2	2.7	2.0	2.5	15.9	4.1	2.7	n.a.	n.a.	n.a.	4.1
8	3.6	2.2	n.a.	5.8	2.4	4.6	3.7	2.4	1.5	2.0	6.1	7.0	1.5	n.a.	n.a.	n.a.	4.1
9	3.9	8.4	n.a.	4.5	12.1	7.3	0.9	6.6	1.7	3.0	0.0	3.0	3.8	n.a.	n.a.	n.a.	4.5
10	4.0	3.4	n.a.	3.9	0.3	0.7	0.0	0.9	0.8	1.0	0.0	1.3	1.5	n.a.	n.a.	n.a.	2.4
11	2.8	6.3	n.a.	1.2	1.0	6.9	0.2	1.5	1.9	3.0	1.0	0.5	4.2	n.a.	n.a.	n.a.	1.8
12	7.9	1.4	n.a.	3.2	2.6	1.2	1.7	0.6	0.2	0.5	3.8	1.6	1.5	n.a.	n.a.	n.a.	2.1
13	2.3	0.9	n.a.	2.0	1.2	0.3	0.5	0.1	4.8	1.4	0.0	1.3	1.2	n.a.	n.a.	n.a.	1.5
14	1.9	1.5	n.a.	2.7	3.8	0.3	1.5	1.8	1.0	1.9	1.6	2.5	2.1	n.a.	n.a.	n.a.	2.3
15	0.3	4.1	n.a.	0.5	3.6	0.6	0.3	3.8	0.2	3.5	0.0	0.0	1.3	n.a.	n.a.	n.a.	1.8
16	0.3	0.4	n.a.	1.1	6.9	0.3	0.2	1.1	3.0	1.5	0.0	0.9	4.5	n.a.	n.a.	n.a.	1.3
17	0.5	3.4	n.a.	2.7	1.5	1.0	6.7	0.3	0.0	1.5	0.0	0.6	3.1	n.a.	n.a.	n.a.	2.0
18	0.2	0.0	n.a.	0.7	1.5	0.3	0.0	0.1	0.1	0.9	0.0	0.5	0.2	n.a.	n.a.	n.a.	0.6
19	1.6	5.4	n.a.	0.0	2.3	0.4	1.1	3.2	2.0	1.0	0.0	6.9	2.7	n.a.	n.a.	n.a.	1.0
20	0.6	2.6	n.a.	0.7	5.4	0.7	0.0	0.1	2.0	2.0	0.0	0.7	0.1	n.a.	n.a.	n.a.	1.1
21	2.1	2.2	n.a.	3.5	1.1	0.5	0.0	0.9	1.5	2.5	0.0	0.9	0.0	n.a.	n.a.	n.a.	2.5
22	8.2	5.7	n.a.	16.3	12.1	0.0	1.1	13.3	13.2	11.3	19.6	9.3	15.5	n.a.	n.a.	n.a.	14.1
23	5.4	7.7	n.a.	6.0	3.7	0.6	11.6	7.5	2.0	2.1	9.7	3.6	5.0	n.a.	n.a.	n.a.	5.5
Subtotal	52.0	64.7	n.a.	62.0	69.6	41.5	39.4	52.7	59.5	43.6	63.6	46.9	58.5	n.a.	n.a.	n.a.	56.6
Total	100.0	100.0	n.a.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	n.a.	n.a.	n.a.	

### Categories for classification:

- |  |   |
|--|---|
| 1 Foodstuffs                                     | 13 Machines and parts   |
| 2 Agricultural Produce and Fresh Food            | 14 Electrical equipment and accessories (except domestic appliance) |
| 3 Beverages                                      | 15 Audio, video and communication equipments                        |
| 4 Tobacco Products                               | 16 Electric appliances  |
| 5 Textiles, clothing, leather goods              | 17 Means of transport   |
| 6 Wooden goods and furniture                     | 18 Precision instruments, optical equipment and watches             |
| 7 Paper goods and printed matter                 | 19 Other industrial product   |
| 8 Chemicals and related products                 | 20 Sportswear and accessories, toys                                 |
| 9 Detergents, soaps, perfumes, cosmetics, etc.   | 21 Direct mail companies, dispatching houses                        |
| 10 Rubber goods                                  | 22 Corrugated Board converters (sheet plans)                        |
| 11 Glassware, ceramicware and other non minerals | 23 All other not classified above                                   |
| 12 Metalware                                     |   |

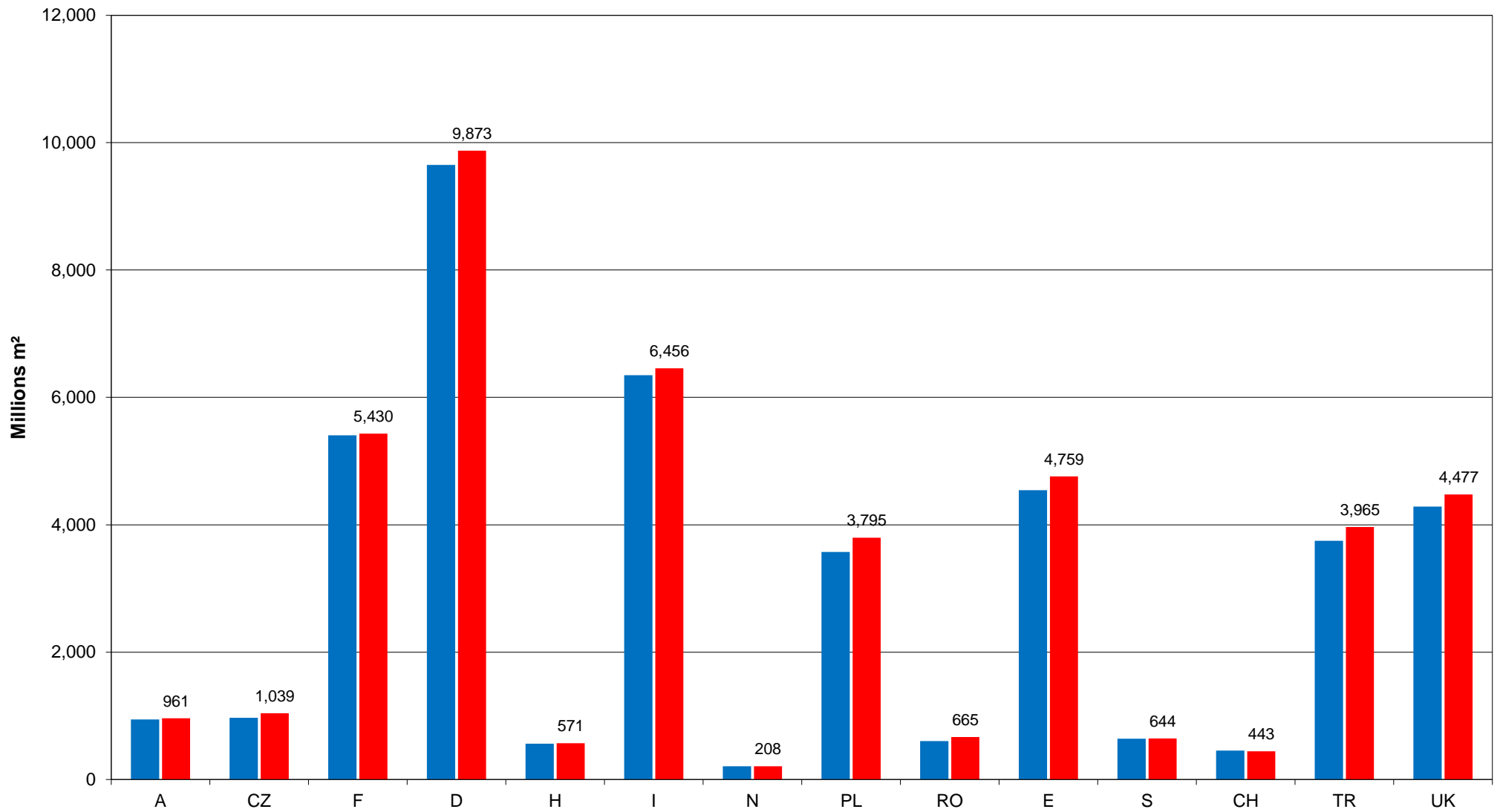
## Fluting Types in % of Total Shipments 2015

	<b>B-flute</b>	<b>C-flute</b>	<b>BC-flute</b>	<b>E-flute</b>	<b>Micro-FI</b>	<b>Others</b>
<b>Austria</b>	37.9	16.8	11.7	19.6	3.0	11.0
<b>Czech Republic</b>	52.0	9.0	12.9	19.6	0.0	6.5
<b>France</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>
<b>Germany</b>	39.0	13.4	16.7	13.8	1.5	15.6
<b>Hungary</b>	39.9	20.7	13.3	16.1	0.9	9.1
<b>Italy</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>
<b>Norway</b>	45.9	31.2	6.0	13.9	0.8	2.2
<b>Poland</b>	46.3	17.1	7.1	16.7	0.1	12.7
<b>Romania</b>	38.5	26.0	21.0	11.0	0.0	3.5
<b>Spain</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>
<b>Sweden</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>
<b>Switzerland</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>
<b>Turkey</b>	19.1	21.1	50.9	6.8	0.0	2.1
<b>United Kingdom</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>
<b>Total Europe as weighted average</b>	37.2	16.2	20.9	13.5	0.9	11.2

Countries	% of the Products by Number of Printing Colours										% Changes				
	2014					2015					2014 / 2015				
	0	1	2	3	> 3	0	1	2	3	> 3	0	1	2	3	> 3
Austria	38.1	34.8	10.4	6.7	10.0	38.7	34.8	10.0	6.5	10.0	1.6	0.0	-3.8	-3.0	0.0
Czech Republic	29.5	43.9	16.2	5.9	4.5	28.5	40.5	16.6	8.1	6.3	-3.4	-7.7	2.5	37.3	40.0
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	27.7	34.9	14.8	10.4	12.2	29.1	33.7	14.9	10.5	11.8	5.1	-3.4	0.7	1.0	-3.3
Hungary	47.6	26.2	12.6	6.0	7.6	47.2	25.5	11.6	8.1	7.6	-0.8	-2.7	-7.9	35.0	0.0
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.
Norway	28.0	23.4	17.4	19.1	12.1	18.7	29.3	19.9	19.6	12.5	-33.2	25.2	14.4	2.6	3.3
Poland	37.4	24.5	17.9	7.1	13.1	46.0	21.9	10.3	10.8	11.0	23.0	-10.6	-42.5	52.1	-16.0
Romania	28.0	31.0	22.0	12.0	7.0	28.0	34.0	22.0	12.0	4.0	0.0	9.7	0.0	0.0	-42.9
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.

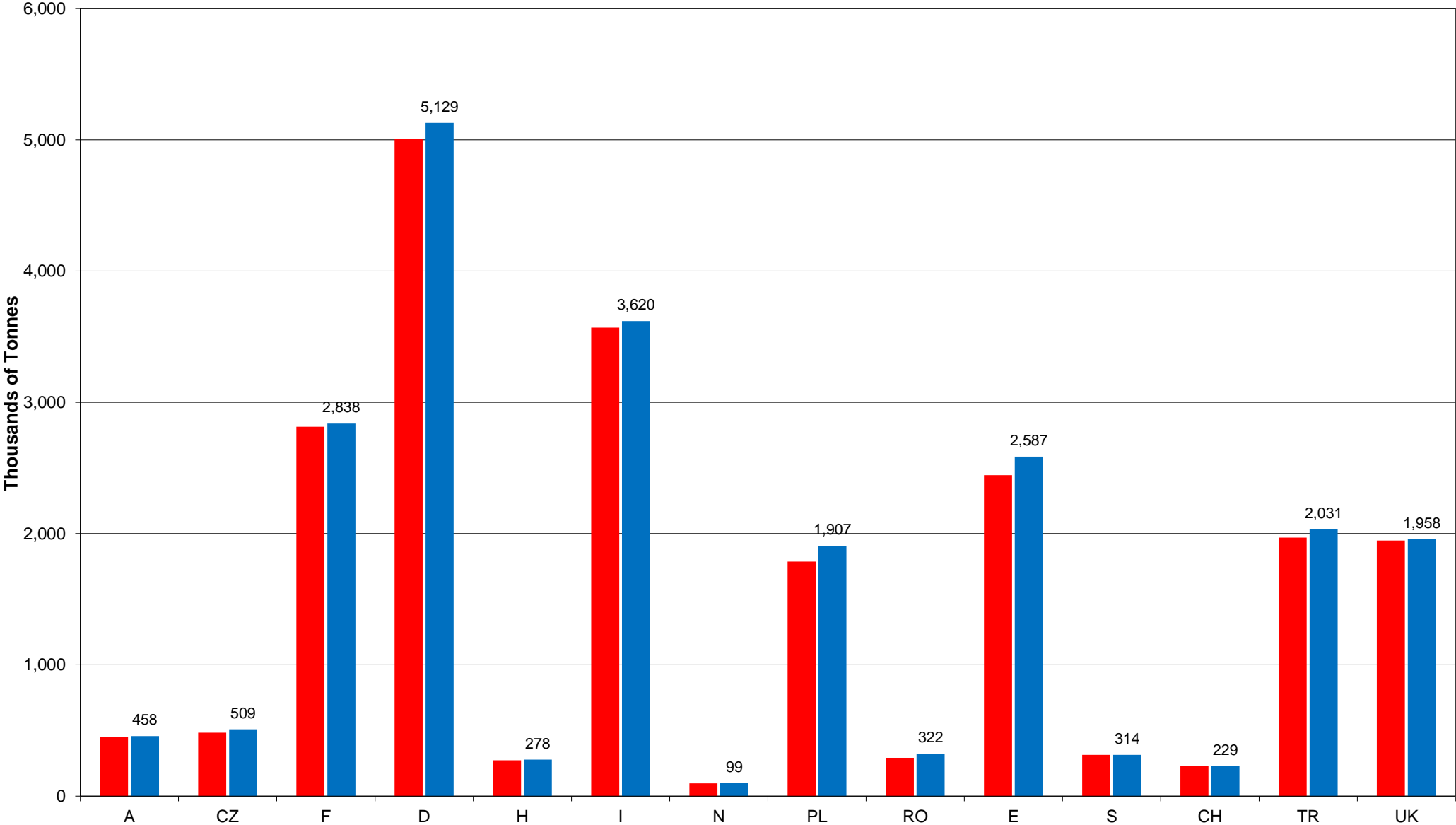
# Shipments in Millions m<sup>2</sup>

■ 2014 ■ 2015



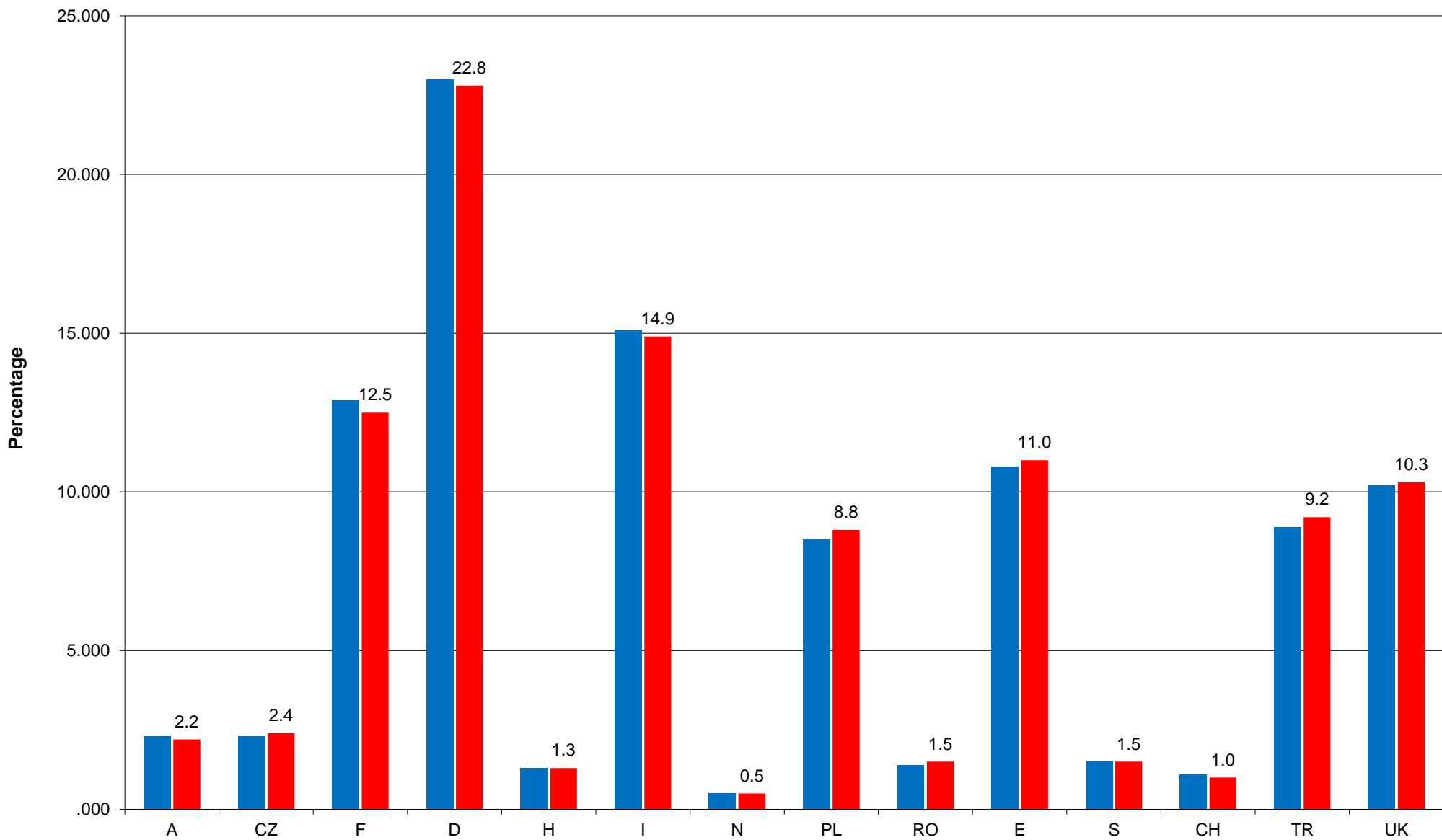
# Shipments in '000 Tonnes

2014 2015

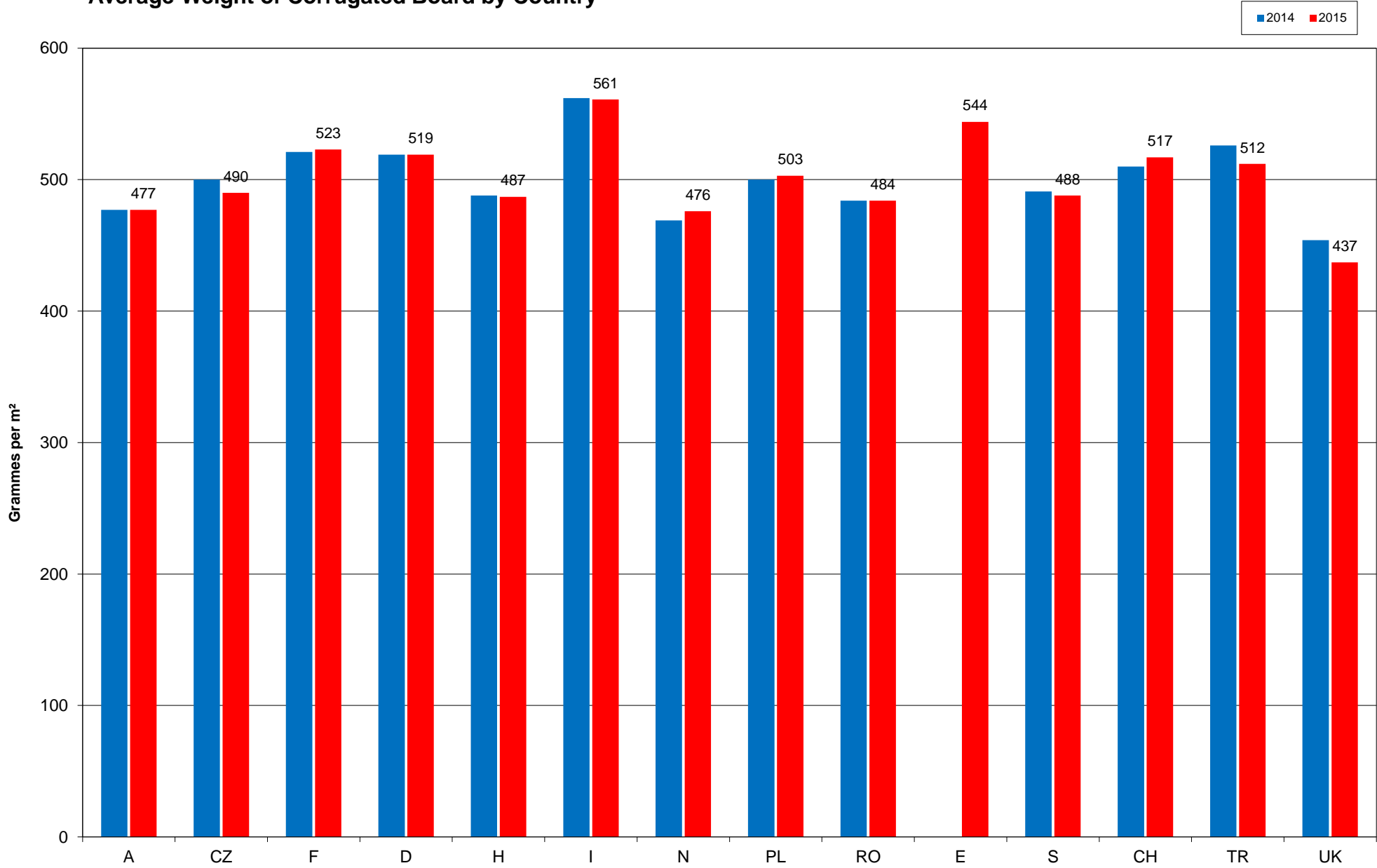


# Relative Share of Total Shipments by Country (based on m<sup>2</sup>)

2014 2015



# Average Weight of Corrugated Board by Country



# Fluting Type

