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**Coffee value chain in selected  
importing countries**

## **Background**

In the context of its programme of activities, the Organization pays particular attention to the formation of added value along the coffee chain, from the coffee farm in producing countries to the final consumer. This document contains an analysis of the coffee value chain in selected importing countries which was prepared against this background.

## **Action**

The Council is requested to take note of this document.

## COFFEE VALUE CHAIN IN SELECTED IMPORTING COUNTRIES

### INTRODUCTION

1. The concept of a value chain relates to all revenues generated by activities carried out along the entire supply chain of a product, from production to end use. As in the case of many other agricultural commodities, activities involved in the coffee production chain are divided between producing countries, which generally export green coffee, and consuming countries, which are responsible for transforming imported green coffee into finished products for final consumption. The aim of this study is to carry out an analysis of overall shares in all resources created along the coffee value chain in selected importing countries.

2. The methodology of the study is based on comparison between annual averages of unit values of coffee imports and retail prices during the period from 1975 to 2009. This comparison makes it possible to determine the value added to the product in selected importing countries. Selection criteria for these importing countries were based mainly on an average annual consumption of at least 1.5 million bags during the period covered by the study and the availability of relevant statistical data. On this basis nine importing countries were selected including France, Germany, Italy, Japan, Netherlands, Spain, Sweden, United Kingdom and United States of America (Table 1).

**Table 1: Average consumption in selected importing countries (60-kg bags)**

	<b>Average consumption 1975- 2009</b>	<b>Share in total</b>
France	5 264 869	7.2%
Germany	8 941 395	12.1%
Italy	4 579 222	6.2%
Japan	5 182 963	7.0%
Netherlands	2 043 768	2.8%
Spain	2 470 151	3.4%
Sweden	1 465 958	2.0%
UK	2 377 187	3.2%
USA	18 875 293	25.6%
<b>Sub-total selected countries</b>	<b>51 200 806</b>	<b>69.6%</b>
<b>Total all importing countries</b>	<b>73 606 240</b>	

3. The nine selected countries account for almost 70% of the total average consumption of all importing countries during the period under study. Their share of total imports was 68.1%, indicating that these nine countries together account for a dominant share of the world coffee processing industry (Table 2).

**Table 2: Average imports of selected importing countries (60-kg bags)**

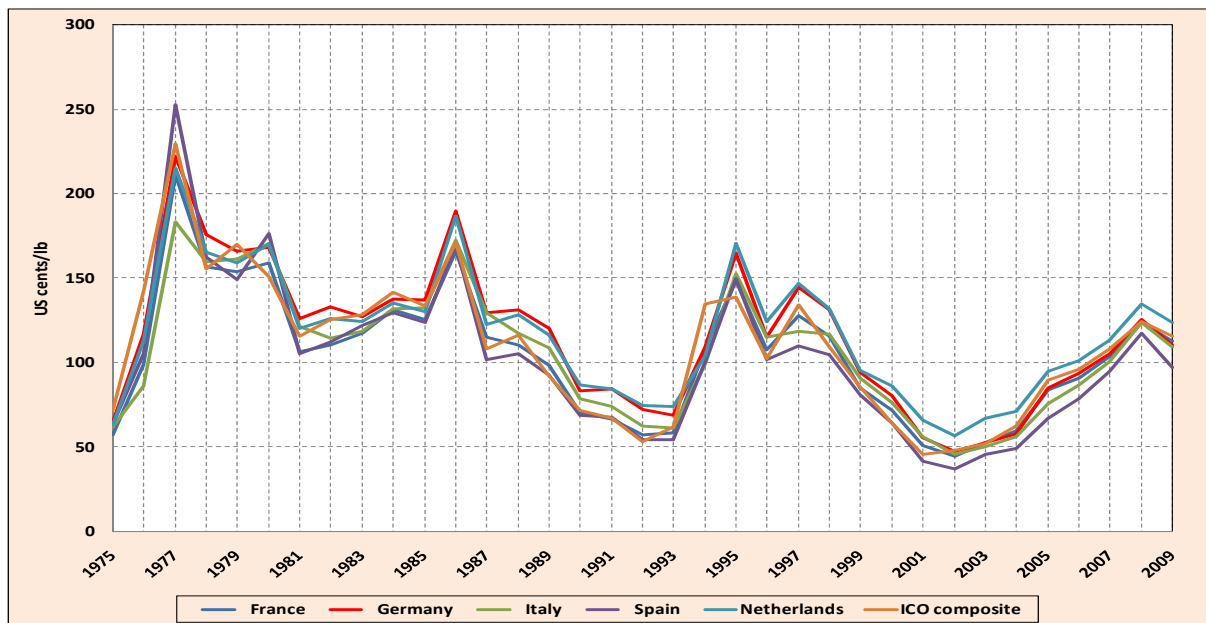
	Average imports 1975-2009	Share in total
France	6 116 347	6.8%
Germany	12 990 037	14.5%
Italy	5 316 310	6.0%
Japan	5 240 165	5.9%
Netherlands	2 866 662	3.2%
Spain	3 008 410	3.4%
Sweden	1 633 859	1.8%
UK	2 933 870	3.3%
USA	20 752 991	23.2%
<b>Sub-total selected countries</b>	<b>60 858 650</b>	<b>68.1%</b>
<b>Total all importing countries</b>	<b>89 304 842</b>	

4. Comparison between retail prices in the nine countries studied and unit prices of imports is an equally important feature of this study.

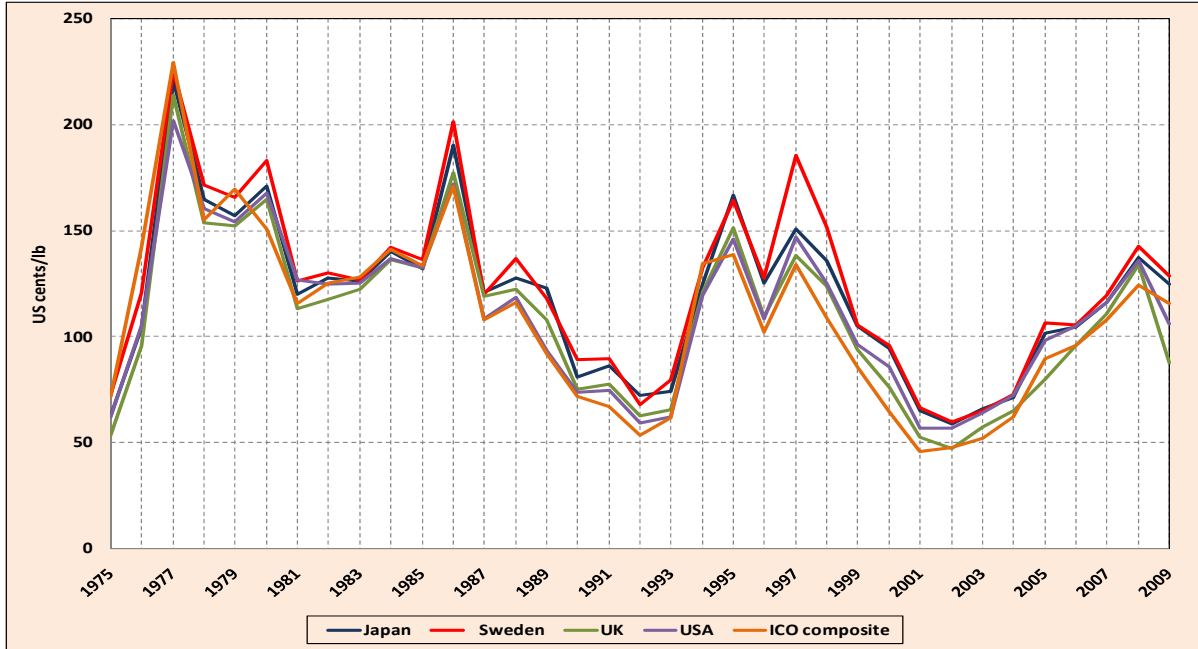
**I. UNIT VALUE OF IMPORTS**

5. Annex 1 shows average annual unit values of green coffee imports by selected importing countries during the period 1975 to 2009. Graph 1 and Graph 2 show changes in the unit value of these imports and the ICO composite indicator price.

**Graph 1: Unit value of imports of green coffee – France, Germany, Italy, Netherlands, Spain – and the ICO composite indicator price**



**Graph 2: Unit value of imports of green coffee – Japan, Sweden, UK, USA – and the ICO composite indicator price**



6. Table 3 shows that unit values of imports are strongly dependent on world market price levels since correlation coefficients are very high, at above 0.9. It also shows correlation coefficients between unit values of imports. Movements in the unit values are almost identical in the selected importing countries, although levels differ from country to country.

**Table 3: Correlation coefficients between the unit values of imports of green coffee and the ICO composite price**

	France	Germany	Italy	Japan	Netherlands	Spain	Sweden	UK	USA	ICO composite
France	1.00	0.99	0.98	0.99	0.99	0.98	0.97	0.98	0.98	0.97
Germany	0.99	1.00	0.98	0.98	0.99	0.97	0.97	0.98	0.97	0.95
Italy	0.98	0.98	1.00	0.97	0.97	0.95	0.95	0.97	0.96	0.92
Japan	0.99	0.98	0.97	1.00	0.99	0.96	0.99	0.99	0.98	0.94
Netherlands	0.99	0.99	0.97	0.99	1.00	0.97	0.98	0.98	0.97	0.94
Spain	0.98	0.97	0.95	0.96	0.97	1.00	0.94	0.97	0.95	0.96
Sweden	0.97	0.97	0.95	0.99	0.98	0.94	1.00	0.97	0.98	0.94
UK	0.98	0.98	0.97	0.99	0.98	0.97	0.97	1.00	0.98	0.95
USA	0.98	0.97	0.96	0.98	0.97	0.95	0.98	0.98	1.00	0.96
ICO composite	0.97	0.95	0.92	0.94	0.94	0.96	0.94	0.95	0.96	1.00

## II. RETAIL PRICE OF ROASTED COFFEE

7. Analysis of the retail price of roasted coffee was largely covered in an earlier study on the comparative study of retail prices in selected importing countries (document ICC-105-3). Table 4 shows correlation coefficients between unit values of imports and retail prices. Strong positive correlation coefficients were recorded in France, Germany and Sweden. In other words, retail prices increase when unit values of coffee imports increase. Correlation coefficients are negative but weak in Italy and the United Kingdom; they are positive but relatively weak in the other countries studied. However, the coefficients of determination ( $R^2$ ) that measure the proportion of variation in the retail price which is explained by variations in unit values of imports indicate that these relationships are not statistically significant except for France, Germany and Sweden.

**Table 4: Correlation coefficients between unit values of imports and retail coffee prices in selected importing countries (US cents/lb)**

	Correlation coefficient	Coefficient of determination ( $R^2$ )
France	0.76	57.14%
Germany	0.67	44.90%
Italy	-0.13	1.66%
Japan	0.13	1.69%
Netherlands	0.48	23.18%
Spain	0.43	18.55%
Sweden	0.74	54.29%
UK	-0.12	1.45%
USA	0.39	15.26%

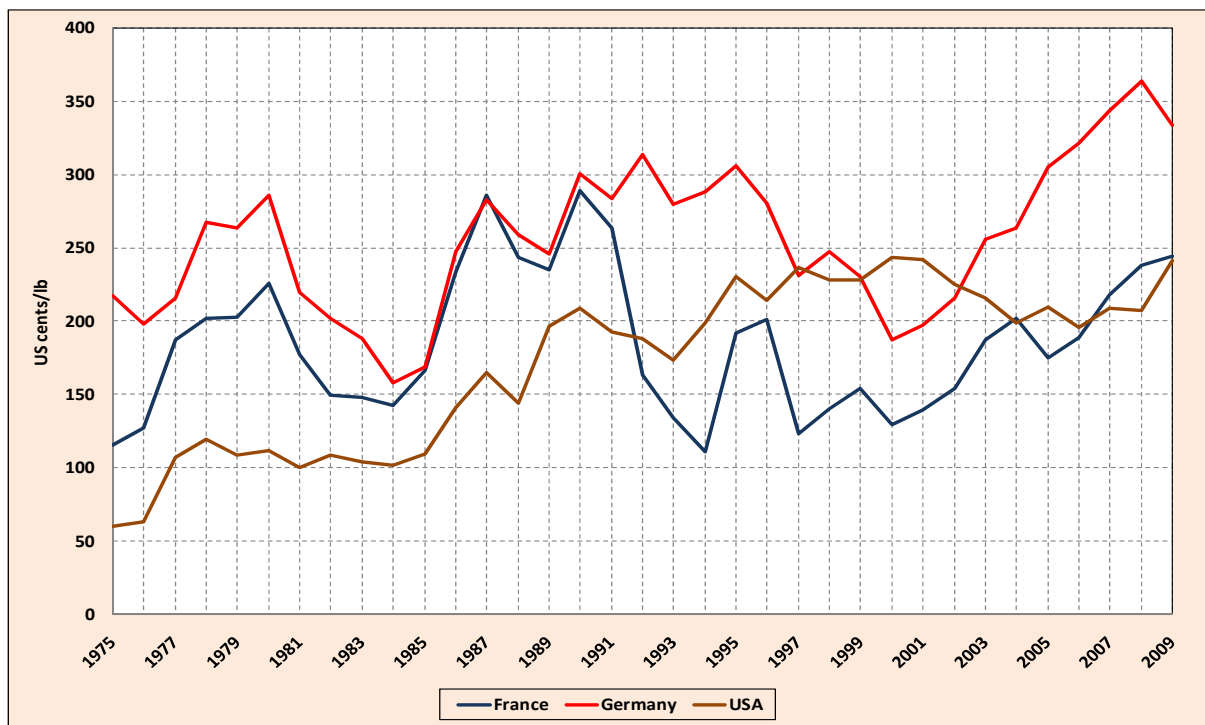
## III. DETERMINATION OF GROSS ADDED VALUE

### A. Gross Added value

8. Retail prices may be used to arrive at an estimate of the total revenue obtained by roasters based on the imports of green coffee. The gross added value is thus the difference between the retail price and the unit value of imports of green coffee. It should be noted that the gross added value includes processing/roasting and distribution/marketing costs as well as administrative costs, various taxes and profit. Conversion factors are used to calculate the equivalent of roasted coffee to green coffee by multiplying the net weight of the roasted coffee by 1.19. Similarly, the equivalent of soluble coffee to green coffee is estimated by multiplying the net weight of the soluble coffee by 2.6 (for the UK only). Annex 2 shows unit values of green coffee imports calculated on the basis of these conversion factors and Annex 3 shows annual averages of retail prices.

9. Graphs 3 to 5 show the comparative evolution of the gross added value in the selected importing countries. It should be noted that the roasting industry obtains significant gross added value in all the importing countries selected. More specifically, the highest gross added values were obtained in Italy, Japan and the UK. In recent years, however, France and Sweden obtained relatively low gross added values compared to the other importing countries covered by this study.

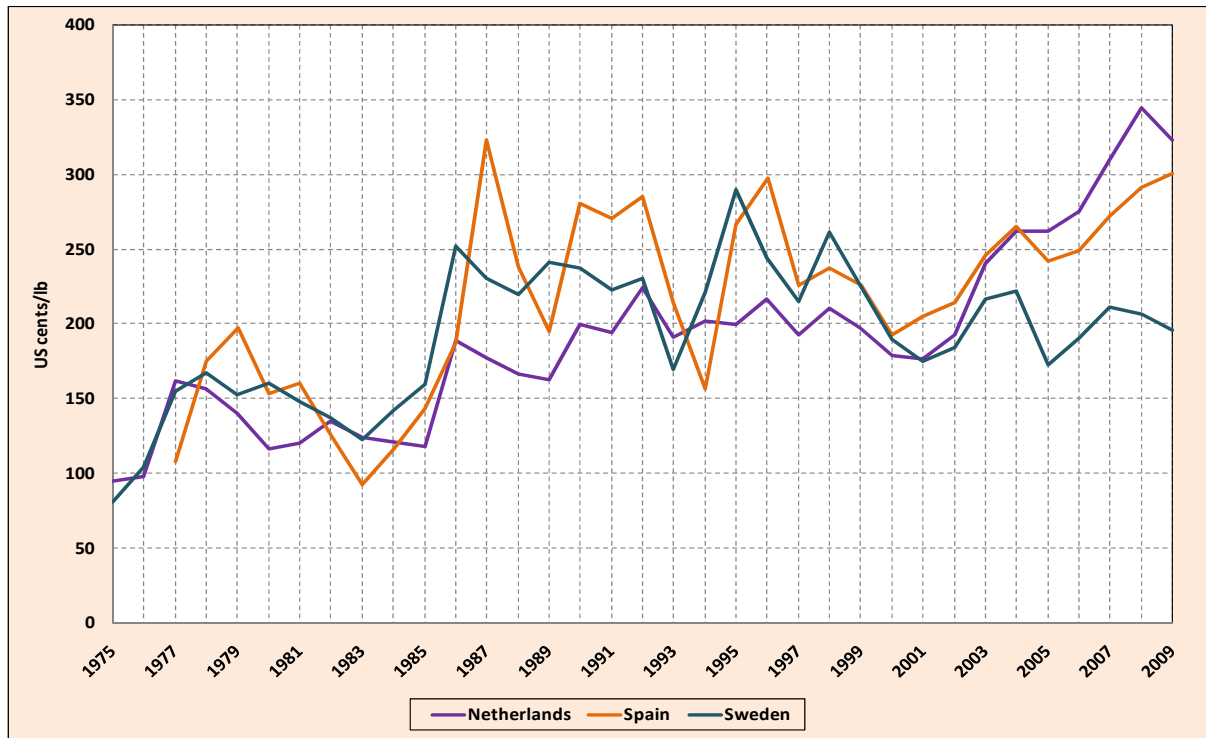
**Graph 3: Gross added values in France, Germany and USA**



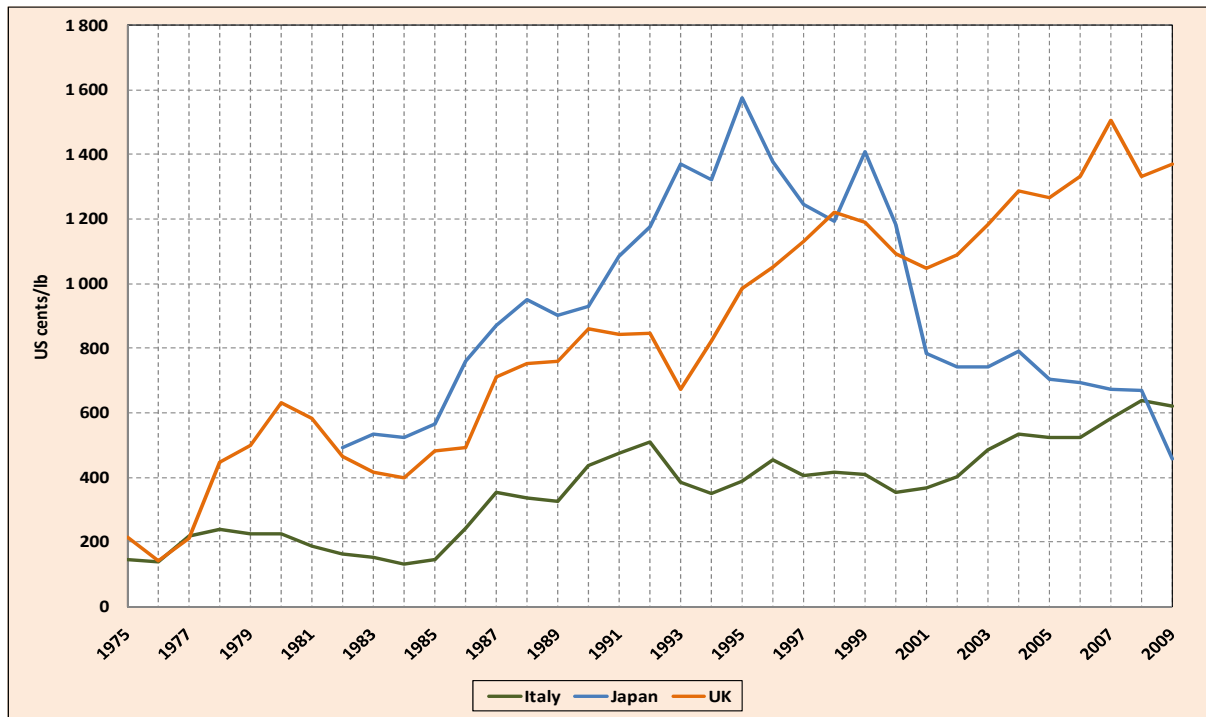
10. The period under study was divided into two sub-periods: the first from 1975 to 1989 when the market was regulated under the provisions of economic clauses under the International Coffee Agreements<sup>1</sup>. During this period, green coffee prices were relatively high, with the annual average of the ICO composite indicator price at 136.49 US cents per lb (Table 5). The second period, known as the free market period, covers observations made from 1990 to 2009 when the average of the ICO composite indicator price was 88.06 US cents per lb. A third period, from 2000 to 2009, was also considered to take into account recent developments in the coffee market.

<sup>1</sup> For the purposes of this study, the period 1975-1989 is considered as being influenced by market regulation mechanisms although quotas were only in force during part of this period (from October 1980 to February 1986 and October 1987 to July 1989).

**Graph 4: Gross added values in the Netherlands, Spain and Sweden**



**Graph 5: Gross added values in Italy, Japan and UK**



**Table 5: ICO composite and group indicator prices**  
**Averages per period (US cents per pound)**

	1975-2009	1975-1989	1990-2009	2000-2009
<b>ICO composite</b>	108.81	136.49	88.06	80.43
<b>Colombian Milds</b>	132.86	158.29	115.06	106.62
<b>Other Milds</b>	123.75	145.24	107.64	99.20
<b>Brazilian naturals</b>	123.96	161.21	96.02	85.50
<b>Robustas</b>	91.28	125.69	65.46	55.65

11. In all the selected importing countries, it was found that the share of gross added value in retail prices was higher during the free market period than during the regulated market period. During the more recent period, from 2000 to 2009, the gross added value share increased in all importing countries except Japan (Tables 6a, 6b and 6c).

**Table 6a: Retail prices, unit value of imports and gross added values**  
**Averages during the period 1975 to 1989**

	Retail price	Unit value of imports	Gross added value	Gross added value as a % of retail price
<b>France</b>	341.60	152.08	189.52	55.5%
<b>Germany</b>	398.15	170.08	228.07	57.3%
<b>Italy</b>	370.84	156.10	214.74	57.9%
<b>Japan</b>	859.94	165.57	698.24	81.2%
<b>Netherlands</b>	303.33	164.60	138.74	45.7%
<b>Spain</b>	335.39	156.33	170.43	50.8%
<b>Sweden</b>	337.48	172.59	164.89	48.9%
<b>UK</b>	824.75	343.86	480.89	58.3%
<b>USA</b>	273.42	157.78	115.64	42.3%



**Table 6b: Retail prices, unit value of imports and gross added values  
Averages during the period from 1990 to 2009**

	<b>Retail price</b>	<b>Unit value of imports</b>	<b>Gross added value</b>	<b>Gross added value as a % of retail price</b>
<b>France</b>	285.86	103.37	182.49	63.8%
<b>Germany</b>	389.35	111.86	277.49	71.3%
<b>Italy</b>	567.36	104.11	463.24	81.6%
<b>Japan</b>	1 127.38	122.70	1 004.68	89.1%
<b>Netherlands</b>	349.27	119.57	229.70	65.8%
<b>Spain</b>	341.16	94.19	246.97	72.4%
<b>Sweden</b>	342.11	128.23	213.88	62.5%
<b>UK</b>	1 343.55	237.53	1 106.02	82.3%
<b>USA</b>	327.00	113.60	213.99	65.4%

**Table 6c: Retail price, unit value of imports and gross added values  
Averages during the period from 2000 to 2009**

	<b>Retail price</b>	<b>Unit value of imports</b>	<b>Gross added value</b>	<b>Gross added value as a % of retail price</b>
<b>France</b>	282.04	94.34	187.70	66.5%
<b>Germany</b>	375.50	96.71	278.79	74.2%
<b>Italy</b>	596.42	92.93	503.49	84.4%
<b>Japan</b>	854.34	111.86	742.48	86.3%
<b>Netherlands</b>	365.56	109.00	256.56	86.9%
<b>Spain</b>	330.12	82.27	247.85	75.1%
<b>Sweden</b>	310.65	114.48	196.17	63.1%
<b>UK</b>	1 460.27	209.96	1 250.30	85.6%
<b>USA</b>	325.20	106.72	218.48	67.2%

**B. Total gross added value**

12. The total gross added value is the overall revenue obtained by the roasting industry from total consumption in the country concerned. The total gross value added is thus an indicator of the formation of the total resources created from roasting coffee in the country. The overall gross value added is calculated by multiplying the country's total volume of consumption by the gross added value. Table 7 shows the average of total gross value added obtained in selected importing countries in the sub-periods under reference.

**Table 7: Total gross added value average in selected countries (US\$ million)**

	Sub-periods			
	1975 to 2009	1975 to 1989	1990 to 2009	2000 to 2009
<b>France</b>	1 292.90	1 292.80	1 292.97	1 314.35
<b>Germany</b>	3 059.22	2 461.19	3 507.74	3 364.85
<b>Italy</b>	2 285.23	1 110.26	3 166.45	3 711.00
<b>Japan</b>	7 080.56	4 070.89	8 284.43	6 795.41
<b>Netherlands</b>	508.45	373.57	609.62	584.31
<b>Spain</b>	757.20	435.08	966.58	994.86
<b>Sweden</b>	367.59	353.56	378.12	316.54
<b>UK</b>	2 746.94	1 411.90	3 748.22	4 413.14
<b>USA</b>	4 318.10	2 768.81	5 480.07	5 894.72
<b>Total</b>	<b>22 416.19</b>	<b>14 278.07</b>	<b>27 434.19</b>	<b>27 389.17</b>

13. The total gross added value obtained by the roasting industry in the nine countries under study was US\$28.8 billion in calendar year 2009 for an average consumption of 56.3 million bags compared with US\$31.1 billion in 2008 and US\$30.4 in 2007. Over the whole period from 1975 to 2009, the average gross added value obtained by the roasting industry was US\$20.9 billion on a total average consumption of 51.3 million bags (Annex 4).

14. It should be noted that this method of calculation of total gross added value is likely to understate the true value, since it assumes that all coffee is sold at supermarket prices while an increasing share of sales is now accounted by out-of-home consumption in coffee shops where gross added value is presumably higher.

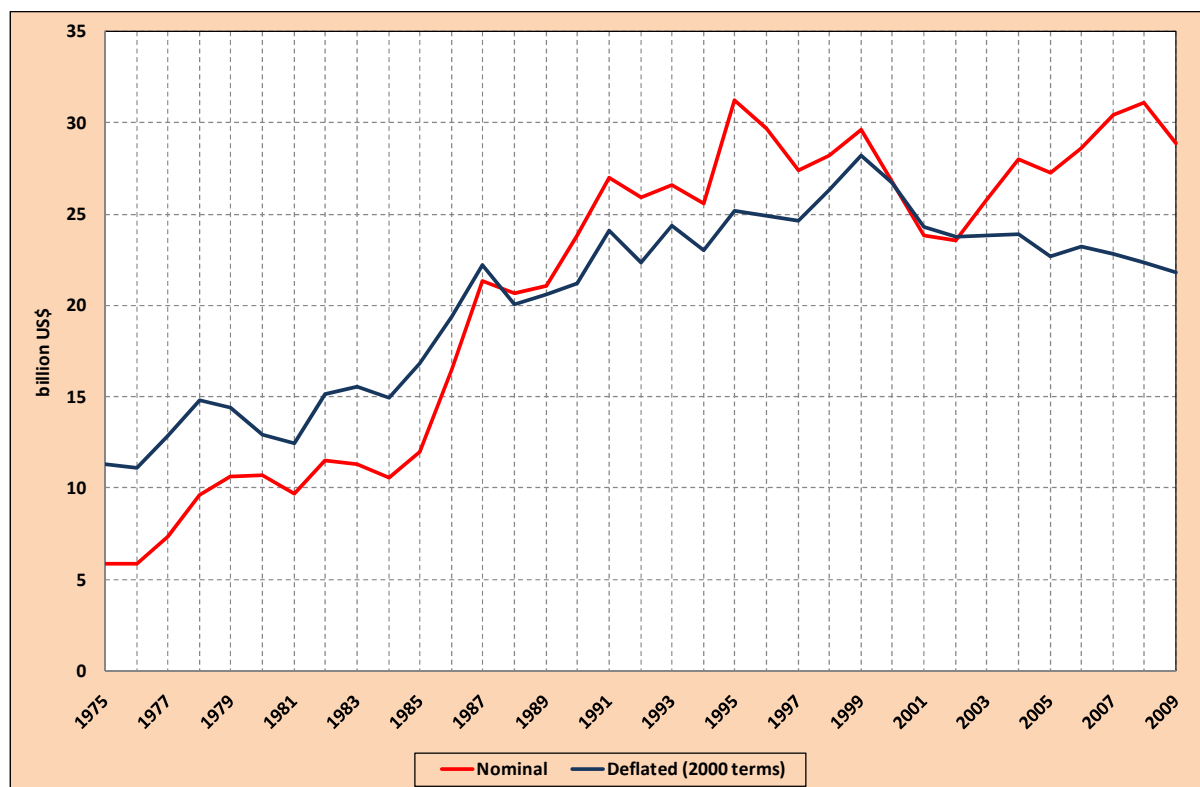
### **C. Deflated gross added value**

15. In order to remove inflation impact on prices and the gross added value, the *United Nations index of unit values of exports of manufactured goods from developed market economies* was used with the year 2000 as a base. The total deflated gross added value obtained by the roasting industry in the nine countries under study is US\$21.8 billion in calendar year 2009 for an average consumption of 56.3 million bags (Annex 5). Table 8 shows the average of the deflated total gross value added obtained in selected importing countries in the sub-periods under reference. Graph 6 shows the total gross added values – nominal and deflated (2000 terms) from 1975 to 2009.

**Table 8: Deflated Total gross value added averages in selected countries (US\$ million)**

	Sub-periods			
	1975 to 2009	1975 to 1989	1990 to 2009	2000 to 2009
France	1 365.52	1 691.01	1 121.39	1 115.91
Germany	3 126.15	3 242.99	3 038.52	2 843.23
Italy	2 171.93	1 423.66	2 733.13	3 132.53
Japan	6 579.09	4 666.59	7 344.09	6 001.11
Netherlands	513.59	492.81	529.18	496.24
Spain	715.11	525.67	838.24	843.63
Sweden	388.22	463.12	332.04	273.57
UK	2 611.98	1 775.11	3 239.64	3 727.83
USA	4 300.76	3 614.33	4 815.58	5 117.89
<b>Total</b>	<b>21 772.35</b>	<b>17 895.31</b>	<b>23 991.81</b>	<b>23 551.95</b>

**Graph 6: Total gross added values – nominal and deflated (2000 terms) 1975 to 2009**



## CONCLUSION

16. This exercise highlighted the global added value of the roasting industry from coffee consumption in nine importing countries. Gross added value totalled US\$28.8 billion and US\$31.1 billion in 2009 and 2008 for total consumption of 56.3 and 58,4 million bags, respectively. The gross added value of these nine importing countries is very much higher than the total export earnings of all exporting countries in the same period, which were estimated at US\$13.3 and US\$15.4 billion in 2009 and 2008 for a volume of exports totalling 96.2 million and 97.6 million bags, respectively. After introducing the UN deflator index, gross added value is estimated at US\$22.4 and US\$21.8 billion in 2008 and 2009, respectively.

17. Moreover, it may be noted that gross added value shares in retail prices have increased during recent years and are above those obtained during the regulated market period from 1975 to 1989. Recent market developments indicate further marked increases of gross added value shares.

Unit value of imports of green coffee (annual average) (US cents/lb)									
	France	Germany	Italy	Japan	Nether-lands	Spain	Sweden	UK	USA
1975	57.06	64.86	61.93	62.86	63.08	63.38	72.85	53.63	61.94
1976	98.65	116.94	86.30	104.22	112.62	105.11	120.34	95.44	104.79
1977	211.12	221.77	183.05	220.36	214.94	252.77	225.45	214.02	201.84
1978	156.84	175.35	159.39	164.45	165.09	162.50	171.52	153.96	160.60
1979	153.99	165.89	161.16	157.08	158.97	148.95	165.64	152.37	154.06
1980	159.22	168.36	170.43	171.05	169.75	176.31	183.11	165.07	167.59
1981	106.53	126.07	121.61	119.85	120.43	104.99	126.02	113.11	126.48
1982	110.51	133.00	114.36	127.64	126.15	112.07	130.24	117.74	124.74
1983	117.10	126.89	118.34	126.07	124.50	122.15	126.61	122.64	125.39
1984	131.28	137.69	131.43	140.36	135.24	129.45	141.87	136.35	136.86
1985	125.57	136.76	132.36	131.77	130.22	123.94	136.13	132.60	132.57
1986	165.70	189.73	172.05	189.86	186.47	169.50	201.26	177.44	171.75
1987	114.80	129.23	129.17	120.80	122.67	101.84	119.75	118.89	108.14
1988	110.56	131.09	117.48	127.67	128.37	105.30	136.77	122.62	118.42
1989	98.04	120.22	108.56	122.92	116.23	92.25	117.93	107.93	93.62
1990	70.27	83.08	78.38	81.09	86.74	68.46	88.96	75.37	73.84
1991	66.30	84.16	74.14	86.37	84.54	67.31	89.71	77.68	74.69
1992	56.78	72.30	62.56	72.51	74.86	54.31	67.65	62.78	59.24
1993	58.04	69.07	61.21	74.14	74.33	54.15	79.61	65.68	62.17
1994	108.61	109.45	99.51	124.73	104.10	100.57	132.47	121.12	119.32
1995	148.79	164.70	152.52	166.75	170.61	149.72	164.43	151.43	145.96
1996	107.69	115.04	114.73	125.27	124.60	101.52	127.72	109.29	108.46
1997	127.94	144.38	118.72	150.68	146.66	109.79	185.51	138.52	146.91
1998	115.49	131.19	116.42	135.70	131.74	104.81	151.64	123.85	125.26
1999	84.59	94.00	90.71	104.94	95.39	81.04	105.49	93.90	96.56
2000	71.79	80.44	76.15	94.26	86.34	63.91	95.84	76.34	85.55
2001	50.52	55.46	56.10	65.05	66.17	41.40	66.28	52.77	56.83
2002	44.32	47.47	45.75	58.93	56.87	36.80	59.69	47.27	56.89
2003	52.26	52.41	50.60	66.15	66.97	45.61	64.82	57.47	63.83
2004	59.16	57.76	56.06	71.37	71.46	48.78	72.80	65.12	72.44
2005	83.76	85.15	75.63	101.83	95.21	67.08	106.33	80.05	98.33
2006	90.92	93.42	86.88	104.63	101.43	78.68	105.63	96.04	105.14
2007	103.47	105.01	100.54	115.87	113.38	94.67	119.37	110.68	116.12
2008	123.86	125.30	123.76	137.09	134.55	117.19	142.58	133.96	135.90
2009	113.15	110.27	109.12	124.64	123.62	97.34	130.58	119.20	126.11

Unit value of imports of green coffee (equivalent roasted coffee) (US cents/lb)									
	France	Germany	Italy	Japan	Nether-lands	Spain	Sweden	UK	USA
1975	67.90	77.18	73.70	74.80	75.07	75.42	86.69	139.44	73.71
1976	117.39	139.16	102.70	124.02	134.02	125.08	143.20	248.14	124.70
1977	251.23	263.91	217.83	262.23	255.78	300.80	268.29	556.45	240.19
1978	186.64	208.67	189.67	195.70	196.46	193.38	204.11	400.30	191.11
1979	183.25	197.41	191.78	186.93	189.17	177.25	197.11	396.16	183.33
1980	189.47	200.35	202.81	203.55	202.00	209.81	217.90	429.18	199.43
1981	126.77	150.02	144.72	142.62	143.31	124.94	149.96	294.09	150.51
1982	131.51	158.27	136.09	151.89	150.12	133.36	154.99	306.12	148.44
1983	139.35	151.00	140.82	150.02	148.16	145.36	150.67	318.86	149.21
1984	156.22	163.85	156.40	167.03	160.94	154.05	168.83	354.51	162.86
1985	149.43	162.74	157.51	156.81	154.96	147.49	161.99	344.76	157.76
1986	197.18	225.78	204.74	225.93	221.90	201.71	239.50	461.34	204.38
1987	136.61	153.78	153.71	143.75	145.98	121.19	142.50	309.11	128.69
1988	131.57	156.00	139.80	151.93	152.76	125.31	162.76	318.81	140.92
1989	116.67	143.06	129.19	146.27	138.31	109.78	140.34	280.62	111.41
1990	83.62	98.87	93.27	96.50	103.22	81.47	105.86	195.96	87.87
1991	78.90	100.15	88.23	102.78	100.60	80.10	106.75	201.97	88.88
1992	67.57	86.04	74.45	86.29	89.08	64.63	80.50	163.23	70.50
1993	69.07	82.19	72.84	88.23	88.45	64.44	94.74	170.77	73.98
1994	129.25	130.25	118.42	148.43	123.88	119.68	157.64	314.91	141.99
1995	177.06	195.99	181.50	198.43	203.03	178.17	195.67	393.72	173.69
1996	128.15	136.90	136.53	149.07	148.27	120.81	151.99	284.15	129.07
1997	152.25	171.81	141.28	179.31	174.53	130.65	220.76	360.15	174.82
1998	137.43	156.12	138.54	161.48	156.77	124.72	180.45	322.01	149.06
1999	100.66	111.86	107.94	124.88	113.51	96.44	125.53	244.14	114.91
2000	85.43	95.72	90.62	112.17	102.74	76.05	114.05	198.48	101.80
2001	60.12	66.00	66.76	77.41	78.74	49.27	78.87	137.20	67.63
2002	52.74	56.49	54.44	70.13	67.68	43.79	71.03	122.90	67.70
2003	62.19	62.37	60.21	78.72	79.69	54.28	77.14	149.42	75.96
2004	70.40	68.73	66.71	84.93	85.04	58.05	86.63	169.31	86.20
2005	99.67	101.33	90.00	121.18	113.30	79.83	126.53	208.13	117.01
2006	108.19	111.17	103.39	124.51	120.70	93.63	125.70	249.70	125.12
2007	123.13	124.96	119.63	137.89	134.92	112.65	142.05	287.77	138.18
2008	147.38	149.11	147.26	163.14	160.11	139.44	169.67	348.24	161.72
2009	134.18	131.22	130.26	148.50	147.11	115.68	153.12	228.46	125.90

Note: Soluble coffee for UK data

Retail prices of roasted coffee (annual averages)									
(US cents/lb)									
	France	Germany	Italy	Japan	Nether-lands	Spain	Sweden	UK	USA
1975	183.57	294.38	219.27	not available	169.86	not available	167.88	354.16	133.39
1976	244.47	337.64	240.18		231.52	247.67	391.14	187.37	
1977	438.29	479.65	434.96		417.74	408.78	423.61	767.04	347.22
1978	388.80	476.37	427.81		352.67	368.64	371.47	846.52	310.33
1979	385.84	461.27	417.79		329.73	374.52	349.44	895.17	291.55
1980	415.69	486.23	425.67		318.75	363.11	378.26	1059.70	310.62
1981	303.72	370.10	330.96		263.35	285.60	298.06	876.38	250.35
1982	280.74	360.64	297.33	644.20	284.70	258.41	292.36	772.90	256.82
1983	287.50	339.06	292.26	682.90	272.00	238.16	273.43	736.94	253.03
1984	298.67	321.96	286.70	688.25	282.32	270.15	310.47	754.30	263.93
1985	315.85	331.45	303.46	719.92	273.18	290.81	321.84	827.47	266.85
1986	430.92	473.03	448.02	985.19	410.62	389.01	491.01	955.29	344.86
1987	422.44	436.63	506.27	1013.19	323.65	444.18	372.50	1021.11	293.25
1988	375.48	414.71	476.16	1099.80	319.27	363.63	382.50	1073.29	284.43
1989	351.98	389.07	455.76	1046.08	300.63	305.04	381.63	1039.88	307.27
1990	372.89	399.43	531.46	1025.74	302.62	362.02	343.44	1055.08	296.63
1991	342.69	383.54	562.05	1188.16	295.09	350.42	329.42	1046.00	280.87
1992	231.28	399.81	586.01	1262.08	313.30	349.67	310.66	1008.98	257.78
1993	202.98	361.69	458.84	1457.21	279.93	278.84	264.54	843.86	247.16
1994	240.11	418.40	467.57	1469.47	325.91	276.49	378.94	1136.25	340.13
1995	368.92	502.22	570.42	1771.76	402.67	444.70	485.15	1378.85	403.79
1996	329.54	417.46	591.96	1524.21	365.10	418.08	395.81	1335.24	343.03
1997	275.82	403.31	545.37	1421.62	366.92	356.94	435.42	1489.63	411.08
1998	277.62	403.76	553.04	1351.57	367.26	362.07	441.41	1541.89	376.50
1999	254.94	342.38	516.19	1532.37	310.88	322.76	350.89	1432.51	342.73
2000	214.59	283.39	444.23	1291.97	281.43	269.01	303.23	1290.84	344.98
2001	199.30	263.39	433.06	860.15	255.27	254.14	253.54	1185.00	309.26
2002	207.22	272.71	457.11	812.51	260.32	258.11	255.03	1210.68	292.38
2003	249.82	317.95	546.71	818.55	320.01	300.07	293.55	1333.62	291.63
2004	272.08	332.58	601.12	875.00	347.28	323.38	308.34	1455.58	284.94
2005	274.78	406.37	612.74	822.49	375.16	322.26	299.16	1474.26	326.25
2006	296.93	432.50	629.21	816.15	396.19	342.43	315.86	1581.65	320.32
2007	341.25	468.52	701.64	809.16	445.17	385.15	352.80	1792.52	346.89
2008	385.92	512.90	786.58	832.31	504.72	430.62	376.25	1678.78	368.50
2009	378.54	464.71	751.76	605.07	470.07	415.99	348.75	1599.73	366.90

Note: Retail prices of soluble coffee for UK data; estimated annual averages for 2008 and 2009 for the USA

	Gross added value (US\$ million)									
	France	Germany	Italy	Japan	Netherlands	Spain	Sweden	UK	USA	TOTAL
1975	760.98	1 849.68	646.16	not available	268.54	not available	206.65	572.72	1 578.38	5 883.10
1976	810.68	1 793.07	645.18		284.96	265.56	364.97	1 730.32	5 894.73	
1977	1 097.61	2 009.58	883.49		273.27	160.29	243.26	451.62	2 218.77	7 337.88
1978	1 325.01	2 349.42	1 017.71		354.68	364.77	370.60	1 027.14	2 826.79	9 636.12
1979	1 382.39	2 679.73	1 131.97		316.35	455.26	338.56	1 622.12	2 721.81	10 648.19
1980	1 578.03	2 934.27	1 084.64		268.72	289.66	335.67	1 686.12	2 561.12	10 738.22
1981	1 279.40	2 341.80	923.05		342.75	368.07	350.75	1 842.54	2 271.46	9 719.82
1982	1 057.56	2 286.33	869.22	2 335.65	370.14	289.05	296.08	1 411.59	2 620.93	11 536.55
1983	1 062.80	2 214.43	823.87	2 642.84	366.86	249.36	273.65	1 252.88	2 461.33	11 348.02
1984	932.36	1 730.36	639.24	2 673.61	345.77	286.81	294.19	1 251.55	2 459.55	10 613.44
1985	1 112.02	1 727.67	898.89	3 093.40	327.58	333.91	341.25	1 473.37	2 652.09	11 960.18
1986	1 566.83	2 847.45	1 347.91	4 316.60	557.88	551.06	540.50	1 491.01	3 265.25	16 484.49
1987	2 039.21	3 618.92	2 005.07	5 468.57	595.22	899.78	498.91	2 218.27	3 961.04	21 304.97
1988	1 740.92	3 482.77	1 876.99	6 156.53	479.56	738.51	453.23	2 326.52	3 395.96	20 651.00
1989	1 646.20	3 052.45	1 860.58	5 879.93	451.27	669.55	494.47	2 186.09	4 807.39	21 047.94
1990	1 991.72	2 894.08	2 800.89	6 219.49	628.49	1 007.09	530.90	2 668.39	5 052.63	23 793.68
1991	1 939.02	4 639.65	2 666.28	8 340.00	639.98	948.01	472.31	2 614.48	4 739.07	26 998.80
1992	1 215.82	3 972.20	2 796.14	7 982.51	967.14	1 147.98	497.51	2 814.77	4 531.06	25 925.13
1993	975.43	4 186.93	2 495.89	10 394.04	688.78	773.57	363.52	2 255.86	4 402.12	26 536.13
1994	749.53	3 130.84	2 204.71	10 437.52	567.13	575.44	488.68	2 867.94	4 541.13	25 562.93
1995	1 348.29	4 549.49	2 389.33	12 728.34	605.65	963.11	460.96	2 866.58	5 284.72	31 196.49
1996	1 468.49	3 931.57	2 877.20	10 619.18	719.72	1 140.82	418.57	3 345.27	5 111.01	29 631.83
1997	896.90	2 961.12	2 626.09	9 807.48	602.32	891.13	352.31	3 646.61	5 561.22	27 345.19
1998	992.20	3 267.92	2 706.35	9 527.10	545.98	940.73	430.84	4 175.78	5 597.00	28 183.90
1999	1 138.45	2 972.44	2 656.17	11 678.85	384.10	995.12	381.32	3 577.37	5 834.22	29 618.04
2000	922.92	2 177.04	2 408.57	10 340.08	439.58	763.50	293.56	3 384.46	6 029.69	26 759.40
2001	967.09	2 365.41	2 540.57	7 181.05	391.62	757.47	289.14	3 069.75	6 249.79	23 811.89
2002	1 129.15	2 430.53	2 760.26	6 751.03	401.07	803.15	298.00	3 252.94	5 683.72	23 509.84
2003	1 338.68	3 211.28	3 543.98	6 625.12	553.91	890.97	337.30	3 502.22	5 760.55	25 764.01
2004	1 314.96	3 645.27	3 865.95	7 437.81	686.20	949.53	361.74	4 182.98	5 513.44	27 957.88
2005	1 108.86	3 496.08	3 838.92	6 612.48	667.46	964.38	267.13	4 488.87	5 811.57	27 255.74
2006	1 317.55	3 889.58	3 890.25	6 649.55	775.74	992.79	330.79	5 389.17	5 336.43	28 571.85
2007	1 623.77	3 920.44	4 481.35	6 466.10	940.64	1 152.79	346.87	5 620.43	5 806.71	30 359.10
2008	1 625.48	4 588.18	4 982.85	6 253.36	603.32	1 342.48	347.71	5 398.68	5 922.41	31 064.48
2009	1 795.08	3 924.66	4 797.27	3 637.48	383.55	1 331.49	293.17	5 841.94	6 832.86	28 837.50



Gross added value deflated by the UN index (2000 terms) (US\$ million)										
	France	Germany	Italy	Japan	Netherla nds	Spain	Sweden	UK	USA	TOTAL
1975	1 463.42	3 557.07	1 242.61	not available	516.42	not available	397.41	1 101.39	3 035.34	11 313.65
1976	1 529.59	3 383.14	1 217.33		537.65		501.05	688.62	3 264.76	11 122.14
1977	1 925.63	3 525.58	1 549.97		479.41	281.22	426.77	792.31	3 892.59	12 873.47
1978	2 038.48	3 614.48	1 565.71		545.66	561.19	570.16	1 580.21	4 348.91	14 824.80
1979	1 868.10	3 621.25	1 529.69		427.49	615.21	457.52	2 192.05	3 678.12	14 389.44
1980	1 901.24	3 535.26	1 306.79		323.76	348.99	404.42	2 031.47	3 085.68	12 937.62
1981	1 640.26	3 002.30	1 183.40		439.42	471.89	449.68	2 362.23	2 912.12	12 461.31
1982	1 391.53	3 008.33	1 143.71	3 073.23	487.03	380.33	389.57	1 857.35	3 448.59	15 179.67
1983	1 455.89	3 033.46	1 128.59	3 620.34	502.55	341.59	374.87	1 716.27	3 371.68	15 545.24
1984	1 313.18	2 437.13	900.33	3 765.65	486.99	403.96	414.35	1 762.75	3 464.16	14 948.50
1985	1 566.22	2 433.33	1 266.04	4 356.90	461.38	470.30	480.64	2 075.17	3 735.34	16 845.33
1986	1 843.33	3 349.94	1 585.77	5 078.35	656.33	648.31	635.88	1 754.13	3 841.47	19 393.51
1987	2 124.18	3 769.71	2 088.61	5 696.42	620.02	937.27	519.69	2 310.70	4 126.09	22 192.68
1988	1 690.21	3 381.33	1 822.32	5 977.22	465.59	717.00	440.03	2 258.76	3 297.05	20 049.51
1989	1 613.92	2 992.60	1 824.09	5 764.63	442.42	656.43	484.78	2 143.23	4 713.13	20 635.23
1990	1 778.32	2 584.00	2 500.80	5 553.11	561.15	899.18	474.02	2 382.50	4 511.28	21 244.36
1991	1 731.27	4 142.55	2 380.61	7 446.43	571.41	846.44	421.70	2 334.35	4 231.31	24 106.07
1992	1 048.12	3 424.31	2 410.47	6 881.47	833.74	989.64	428.89	2 426.52	3 906.09	22 349.25
1993	894.89	3 841.22	2 289.80	9 535.82	631.91	709.70	333.50	2 069.59	4 038.64	24 345.07
1994	675.25	2 820.57	1 986.23	9 403.17	510.93	518.42	440.25	2 583.73	4 091.11	23 029.66
1995	1 087.33	3 668.95	1 926.88	10 264.79	488.43	776.70	371.74	2 311.76	4 261.87	25 158.46
1996	1 234.02	3 303.84	2 417.81	8 923.68	604.81	958.67	351.74	2 811.15	4 294.97	24 900.69
1997	808.02	2 667.68	2 365.85	8 835.57	542.63	802.82	317.40	3 285.23	5 010.11	24 635.30
1998	927.29	3 054.13	2 529.30	8 903.83	510.26	879.18	402.66	3 902.60	5 230.84	26 340.09
1999	1 084.24	2 830.89	2 529.68	11 122.71	365.81	947.74	363.17	3 407.02	5 556.40	28 207.66
2000	922.92	2 177.04	2 408.57	10 340.08	439.58	763.50	293.56	3 384.46	6 029.69	26 759.40
2001	986.82	2 413.69	2 592.42	7 327.60	399.61	772.93	295.04	3 132.40	6 377.34	24 297.84
2002	1 140.55	2 455.08	2 788.14	6 819.22	405.12	811.26	301.01	3 285.79	5 741.13	23 747.32
2003	1 239.52	2 973.41	3 281.46	6 134.37	512.88	824.97	312.31	3 242.80	5 333.84	23 855.56
2004	1 123.89	3 115.62	3 304.23	6 357.11	586.50	811.56	309.18	3 575.20	4 712.34	23 895.63
2005	924.05	2 913.40	3 199.10	5 510.40	556.22	803.65	222.61	3 740.72	4 842.97	22 713.12
2006	1 071.18	3 162.26	3 162.81	5 406.14	630.68	807.15	268.93	4 381.44	4 338.56	23 229.15
2007	1 220.88	2 947.70	3 369.44	4 861.73	707.25	866.76	260.81	4 225.89	4 365.94	22 826.39
2008	1 169.41	3 300.85	3 584.79	4 498.82	434.04	965.82	250.15	3 883.94	4 260.73	22 348.54
2009	1 359.91	2 973.23	3 634.30	2 755.67	290.57	1 008.70	222.10	4 425.71	5 176.41	21 846.59
Period average	1 365.52	3 126.15	2 171.93	6 579.09	513.59	715.11	388.22	2 611.98	4 300.76	