

Crop production - Vegetables

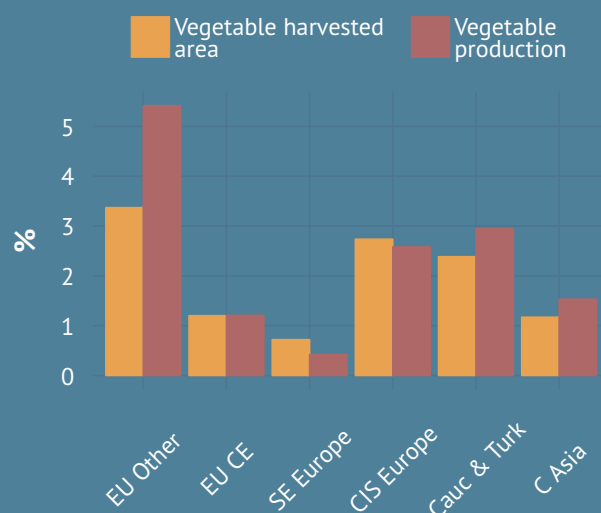
Globally, vegetable production has grown intensively especially on a per capita basis, which has increased 60 percent over the last 20 years. This trend is particularly strong in developing countries.

Vegetables cover 1.1 percent of the world's total agricultural area, with the region of Europe and Central Asia contributing with 12 percent of the total global area, and with 14 percent of global production (2010 data). As a result of intensive production, the EU other and EFTA countries produce five percent of all vegetables that are produced worldwide, although accounting for only three percent of the total global area planted with vegetables. Three percent of total world production comes from the Caucasus and Turkey; the latter being the region's largest vegetable growing country. South East Europe has the highest regional proportion of agricultural land planted with vegetables (more than three percent) but, due to the relatively small size of this sub-region, is not considered a significant producer.

The region of Europe and Central Asia produced 136 million tonnes of vegetables in 2010. The four main producers; namely, Turkey, Italy, the Russian Federation and Spain, produced almost half of the total regional output.

Globally, average vegetable production between 2001 and 2010 was 54 percent higher than the average of the preceding decade 1991-2000. In this region over the same two decades, the increase in vegetable production was 72 percent in Central Asia, 63 percent in South Eastern Europe, 31 percent in CIS Europe and 25 percent in Caucasus and Turkey. Growth was moderate in EU other and EFTA, while EU Central and Eastern was the only sub-region to show a decrease.

CHART 24: Area and production of vegetables, share of world total (2010)

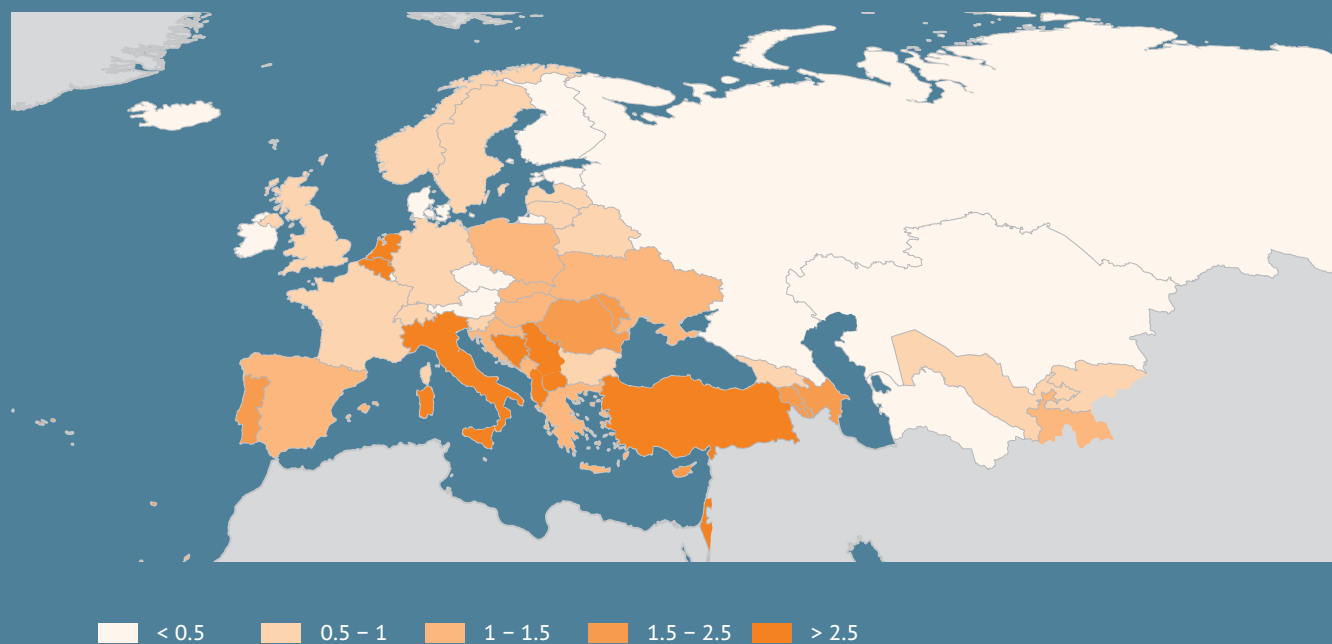


Source: Statistics Division (FAOSTAT)

Metalink: P3.REU.FAO.ESS.VEG.AH.SC, p. 112

- The region accounts for 14 percent of global vegetable production
- The top vegetable producer is Turkey (26 million tonnes in 2010)
- Bosnia and Herzegovina has the highest proportion of total harvested area used for growing vegetables (5.9 percent)
- Vegetable production increased significantly in the last ten years in Central Asia and South Eastern Europe. EU Central and Eastern was the only sub-region to show a decrease.

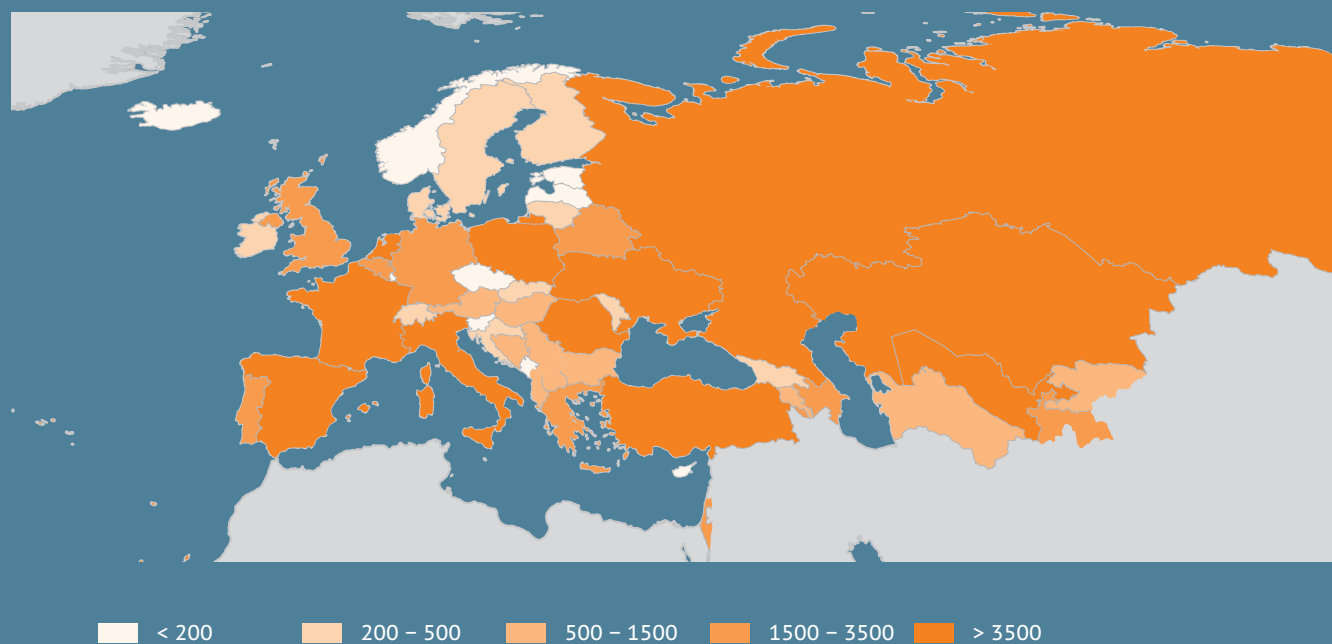
MAP 17: Vegetables area, share of total agricultural area (% , 2009)



Source: Statistics Division (FAOSTAT)

Metalink: P3.REU.FAO.ESS.VEG.AH.SHL, p. 113

MAP 18: Vegetables production (thousand tonnes, 2010)



Source: Statistics Division (FAOSTAT)

Metalink: P3.FEED.FAO.ESS.VG.QP, p. 113

Crop production – Fruits (excluding grapes)

This section excludes grapes and vineyards which are covered under the wine section.

Globally, fruit production has been increasing continuously in recent years as a result of growing demand. At the same time, the relevance of the fruit producing regions has changed: Asian fruit production has become more important, while production in America and Europe has decreased in importance.

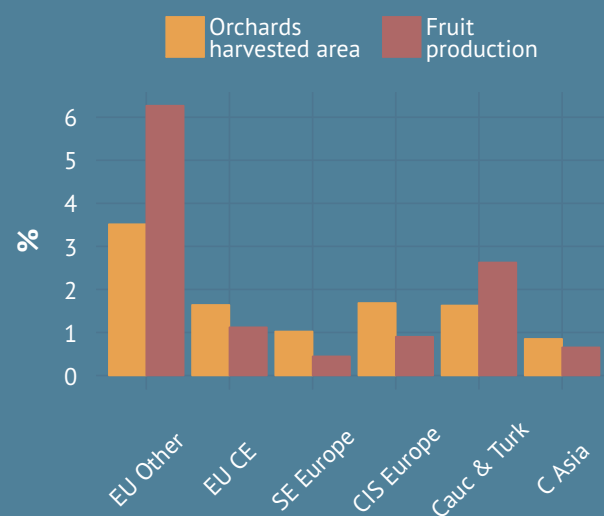
One percent of the total global agricultural area is allocated to permanent crops and orchards. In the Mediterranean region (which includes countries such as Lebanon, Israel, Tunisia, etc., in addition to the European Mediterranean countries), the percentage of agricultural land under permanent crops and orchards is much higher. The Mediterranean region provided around 11 percent of global fruit production in 2010 (excluding grapes).

In the Europe and Central Asia region, the highest proportion of permanent crop area in the total agricultural land is in South East Europe with 4.4 percent. In the Caucasus and Turkey this figure is around 1.6 percent, while for the sub-regions of Central Asia and CIS Europe the area planted with permanent crops is lower than the global average of one percent - with the exception of Republic of Moldova and Tajikistan.

The region of Europe and Central Asia, as a whole, is home to 10 percent of the global orchards area and also provides 10 percent of global fruit production with 54 million tonnes produced in 2010. The largest regional producers, namely, Turkey, Italy, Spain, and France, account for around 57 percent of the regional total.

For the region as a whole, the average yield between 2001 and 2010 was substantially higher than between 1991-2000 period. South Eastern Europe doubled its fruit production and in Central Asia production increased by 60 percent. However, the sub-regions of CIS Europe and EU other and EFTA experienced slight decreases in the yield over the same period.

CHART 25: Area and production of fruits, share of world total (2010)

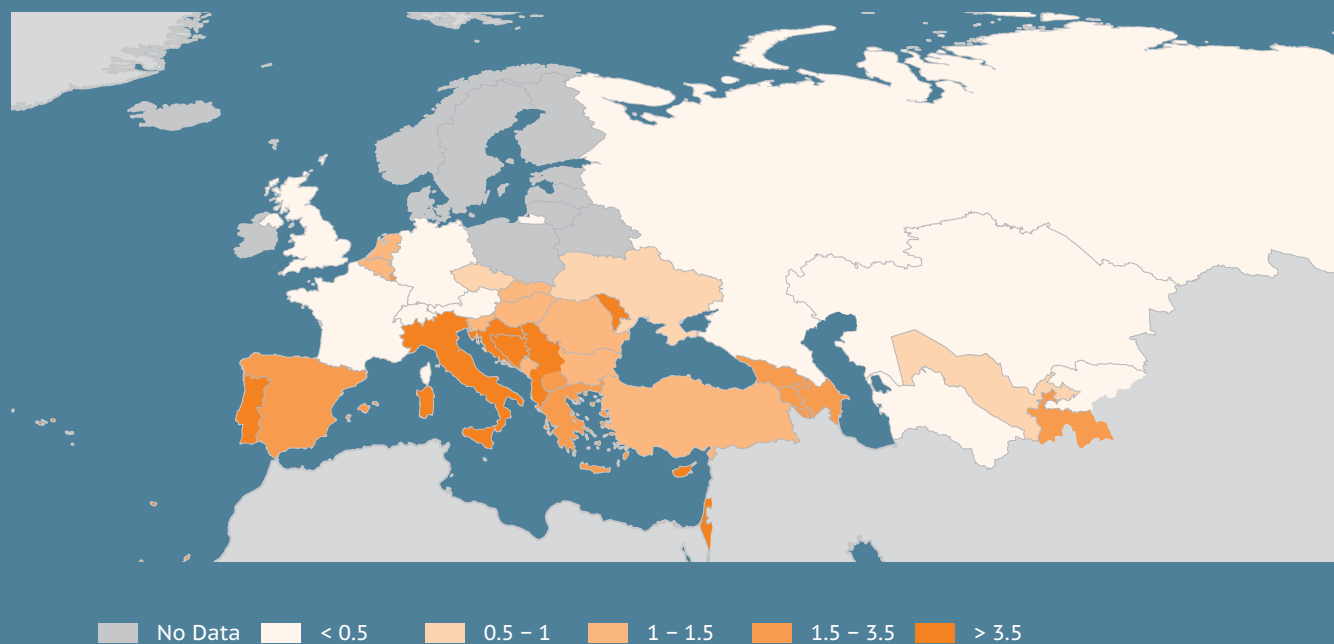


Source: Statistics Division (FAOSTAT)

Metalink: P3.REU.FAO.ESS.FR.U.AH.SC, p. 108

- Ten percent of the global fruit production (excluding grapes) comes from this region
- The top fruit (excluding grapes) producer is Turkey, with 9.7 million tonnes in 2010
- The highest percentage of orchards is in the Republic of Moldova (nine percent)

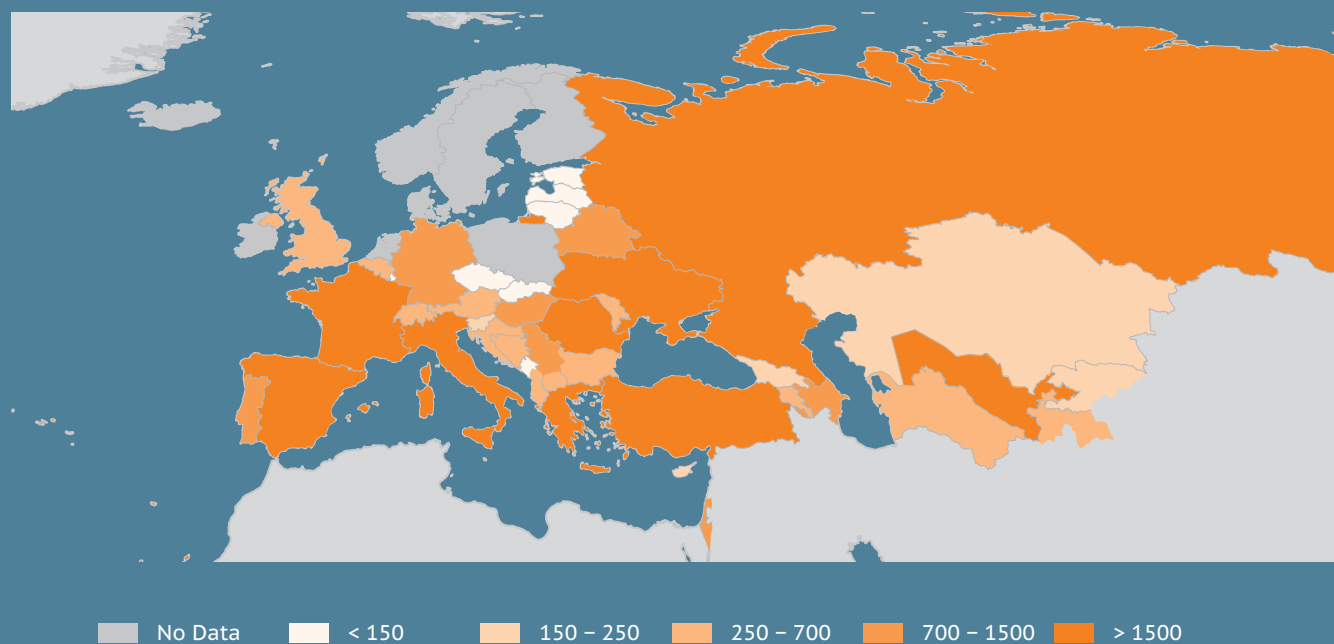
MAP 19: Orchards area, share of total agricultural area (% , 2009)



Source: Statistics Division (FAOSTAT)

Metalink: P3.REU.FAO.ESS.FRUAH.SHL, p. 108

MAP 20: Fruit production (thousand tonnes, 2010)



Source: Statistics Division (FAOSTAT)

Metalink: P3.REU.FAO.ESS.FRUAH.SHL, p. 105

TABLE 7: Sugar beet and roots and tubers

	Sugar beet				Roots and tubers			
	area		production		area		production	
	thousand ha	p.a. growth %	thousand tonnes	p.a. growth %	thousand ha	p.a. growth %	thousand tonnes	p.a. growth %
	2010	2000-2010	2010	2000-2010	2010	2000-2010	2010	2000-2010
WORLD	4 676	-2.5	228 452	-0.9	52 178	-0.2	727 303	0.4
Central Asia	38	-6.9	525	-6.7	403	2.3	6 529	5.4
Kazakhstan	9	-6.7	152	-5.7	179	1.2	2 555	4.2
Kyrgyzstan	8	-9.8	139	-11.1	84	2.0	1 339	2.5
Tajikistan					32	2.2	760	9.6
Turkmenistan	21	-0.5	234	0.2	40	10.3	245	10.7
Uzbekistan	0	-100.0	0	-100.0	68	2.7	1 630	8.3
Caucasus & Turkey	338	-2.0	18 204	-0.4	256	-2.4	6 213	-0.3
Armenia	1	28.2	10	28.7	28	-1.9	482	5.2
Azerbaijan	8	14.3	252	18.4	66	2.3	954	7.4
Georgia	0	-100.0	0	-100.0	21	-4.8	229	-2.7
Turkey	329	-2.2	17 942	-0.5	141	-3.7	4 549	-1.6
CIS Europe	1 538	-0.4	40 612	3.2	3 911	-3.5	47 956	-2.7
Belarus	96	6.3	3 770	9.8	367	-5.7	7 831	-1.1
Republic of Moldova	26	-8.3	838	-1.2	28	-8.2	280	-1.6
Russian Federation	924	2.2	22 256	4.7	2 109	-4.2	21 141	-4.6
Ukraine	492	-4.1	13 749	0.4	1 408	-1.5	18 705	-0.6
South Eastern Europe	93	14.3	4 622	23.1	156	1.6	2 002	5.6
Albania	2	3.6	40	-0.5	9	-2.3	208	2.6
Bosnia and Herzegovina	0		0		36	-1.9	379	2.8
Croatia	24	1.3	1 249	10.0	11	-16.3	179	-10.7
Macedonia, FYR	1	-6.8	8	-17.7	13	-0.1	200	2.0
Montenegro					10		149	
Serbia	66		3 325		77		887	
EU Central & Eastern	325	-5.7	16 245	-2.6	891	-7.4	14 779	-8.0
Bulgaria	0	-100.0	0	-100.0	14	-12.6	251	-4.5
Czech Republic	56	-0.8	3 065	0.9	27	-8.9	665	-7.7
Estonia					9	-11.2	164	-10.0
Hungary	14	-13.3	819	-8.4	20	-8.0	440	-6.5
Latvia	0	-100.0	0	-100.0	30	-5.2	484	-4.2
Lithuania	16	-5.6	722	-2.0	36	-10.4	475	-12.4
Poland	200	-5.0	9 823	-2.9	491	-8.9	8 766	-9.7
Romania	22	-7.7	838	2.3	247	-1.3	3 284	-0.5
Slovakia	18	-5.5	978	0.2	11	-8.6	126	-11.3
Slovenia	0	-100.0	0	-100.0	5	-4.9	125	-3.9
EU other & EFTA	1 249	-4.2	89 152	-2.7	1 156	-1.7	42 907	-1.6
Austria	45	0.4	3 132	2.0	22	-0.8	672	-0.3
Belgium	59	-4.2	4 465	-3.2	82	2.2	3 456	1.7
Cyprus					5	-2.9	84	-3.5
Denmark	39	-4.0	2 356	-3.4	38	-0.1	1 358	-1.9
Finland	15	-7.6	542	-6.4	25	-2.4	659	-1.7
France	383	-0.7	31 910	0.3	166	0.2	6 582	0.2
Germany	367	-2.1	23 858	-1.5	255	-1.7	10 202	-2.9
Greece	13	-12.1	762	-12.9	32	-4.3	795	-2.4
Ireland	0	-100.0	0	-100.0	12	-1.0	330	-3.1
Italy	63	-13.5	3 550	-11.7	63	-2.8	1 567	-2.7
Luxembourg					1	-2.9	20	-1.8
Malta					1	-2.4	10	-12.2
Netherlands	71	-4.4	5 280	-2.5	157	-1.4	6 844	-1.8
Portugal	2	-14.7	137	-11.4	28	-7.1	404	-6.1
Spain	44	-9.9	3 399	-8.1	79	-4.1	2 311	-2.9
Sweden	38	-3.7	1 974	-2.7	27	-1.9	816	-1.8
United Kingdom	92	-6.1	6 484	-3.3	138	-1.8	6 045	-0.9
Iceland					1	0.4	12	2.4
Norway					13	-1.4	321	0.2
Switzerland	18	0.2	1 302	-0.8	11	-2.6	421	-3.5
Israel	0		0		23	7.0	569	3.6

TABLE 8: Vegetables and fruits

	Vegetables				Fruits			
	area		production		area		production	
	thousand ha	p.a. growth %	thousand tonnes	p.a. growth %	thousand ha	p.a. growth %	thousand tonnes	p.a. growth %
	2010	2000-2010	2010	2000-2010	2010	2000-2010	2010	2000-2010
WORLD	52 678	1.2	965 651	2.2	48 387	1.4	582 997	2.7
Central Asia	617	3.6	14 787	7.9	412	2.3	3 815	5.3
Kazakhstan	180	2.5	3 682	6.5	47	-3.6	207	-1.3
Kyrgyzstan	52	0.1	949	1.6	45	0.5	196	0.6
Tajikistan	66	5.0	1 625	14.0	74	0.7	350	2.4
Turkmenistan	51	4.6	1 001	5.5	12	2.5	386	6.5
Uzbekistan	267	4.8	7 529	9.3	234	5.3	2 676	6.9
Caucasus & Turkey	1 256	0.9	28 513	0.7	787	2.0	15 310	2.4
Armenia	28	1.8	841	7.0	32	4.1	346	3.7
Azerbaijan	111	2.9	1 624	4.5	109	3.5	884	4.9
Georgia	27	-4.4	217	-6.7	31	-8.0	163	-8.6
Turkey	1 090	0.9	25 831	0.5	615	2.7	13 918	2.5
CIS Europe	1 441	-1.3	24 924	2.2	815	-4.8	5 252	-1.3
Belarus	82	-2.2	2 341	5.4			765	10.1
Republic of Moldova	50	-1.8	441	1.1	90	-3.3	693	-1.9
Russian Federation	759	-1.4	13 233	0.6	421	-5.7	1 962	-4.5
Ukraine	551	-0.9	8 908	4.3	212	-5.2	1 832	0.2
South Eastern Europe	379	4.4	4 036	7.0	495	16.0	2 594	11.5
Albania	36	2.8	855	3.3	40	7.0	352	10.1
Bosnia and Herzegovina	125	0.6	738	4.1	116	14.9	318	15.5
Croatia	11	-13.7	209	-6.1	56	2.3	408	1.5
Macedonia, FYR	47	-1.3	761	3.5	25	3.6	342	0.9
Montenegro	7		145		7		56	
Serbia	154		1 327		250		1 117	
EU Central & Eastern	632	-3.4	11 670	-1.7	793	-1.2	6 530	-1.1
Bulgaria	30	-15.1	510	-9.8	67	-0.3	251	-7.6
Czech Republic	9	-12.2	149	-10.7	23	-4.9	129	-12.8
Estonia	3	-5.2	74	2.2			5	
Hungary	67	-2.9	1 145	-2.7	84	-1.4	949	-3.1
Latvia	9	-1.5	146	3.2			12	
Lithuania	15	-3.8	242	-3.2			40	-9.4
Poland	205	-1.9	5 203	-1.4				
Romania	262	-0.8	3 867	1.3	153	-2.6	2 048	-0.0
Slovakia	29	-2.3	274	-4.2	15	-4.9	87	-8.3
Slovenia	3	-1.4	61	-2.7	7	-1.1	234	-0.9
EU other & EFTA	1 775	-1.1	52 298	-0.7	1 701	-1.8	36 548	-1.6
Austria	14	0.8	593	1.7	14	-0.6	558	-4.2
Belgium	51	0.3	1 966	2.4	18	0.3	572	
Cyprus	3	-4.7	119	-1.4	9	-2.2	174	-2.6
Denmark	10	0.1	306	3.1				
Finland	9	-1.1	243	-0.0				
France	236	-1.8	5 021	-2.5	116	-3.7	4 150	-2.8
Germany	108	0.7	3 338	-1.5	75	-10.5	1 481	-10.1
Greece	118	-2.1	3 376	-2.4	147	-1.6	2 927	-2.5
Ireland	6	-1.5	223	0.4				
Italy	537	-1.2	13 499	-2.0	500	0.0	12 328	-0.2
Luxembourg	0	-11.5	1	-3.0	2	-2.8	13	-4.3
Malta	5	1.2	83	-0.0	1	-2.9	8	7.6
Netherlands	97	2.7	4 576	2.4	21	-1.0		
Portugal	85	-1.6	2 830	2.0	172	0.1	1 134	0.0
Spain	341	-1.3	12 680	0.4	560	-1.7	11 574	-0.4
Sweden	23	2.7	310	0.9				
United Kingdom	114	-2.9	2 662	-1.8	29	1.4	420	3.2
Iceland	0	2.2	5	3.9				
Norway	6	1.6	150	0.6				
Switzerland	14	2.6	316	0.2	8	-1.7	336	-5.3
Israel	67	2.7	1 682	0.5	53	-1.8	1 271	0.1