



Country	Global		Efficiency stage		Innovation Stage			
	Rank	Score	Rank	Score	Rank	Score	Rank	Score
Finland	3	6,03	4	6,03	9	5,30	3	5,62
Sweden	4	5,53	6	6,01	8	5,32	5	5,56
Holland	5	5,50	10	5,92	7	5,35	6	5,47
Germany	6	5,48	11	5,86	10	5,87	4	5,57
UK	8	5,45	24	5,51	4	5,50	9	5,32
Denmark	12	5,29	16	5,68	15	5,15	12	5,24
Austria	16	5,22	20	5,63	19	5,01	10	5,30
Belgium	17	5,21	22	5,52	17	5,09	13	5,21
France	21	5,11	23	5,52	18	5,04	18	4,89
Luxembourg	22	5,09	8	5,96	24	4,87	19	4,89
Ireland	27	4,91	35	5,11	25	4,85	20	4,87
Estonia	34	4,64	26	5,47	31	4,63	33	4,06
Spain	36	4,60	36	5,11	29	4,67	31	4,14
The Czech Republic	39	4,51	44	4,89	34	4,59	32	4,13
Poland	41	4,46	61	4,66	28	4,69	61	3,66
Italy	42	4,46	51	4,81	41	4,44	30	4,24
Lithuania	45	4,41	49	4,84	46	4,38	47	3,83
Malta	47	4,41	34	5,12	40	4,46	46	3,85
Portugal	49	4,40	40	4,96	44	4,40	37	4,01
Latvia	55	4,35	54	4,79	48	4,37	68	3,57
Slovenia	56	4,34	39	5,05	55	4,25	36	4,02
Cyprus	58	4,32	42	4,94	43	4,41	51	3,77
Hungary	60	4,30	55	4,78	52	4,32	58	3,69
Bulgaria	62	4,27	65	4,63	59	4,18	97	3,30
Slovakia	71	4,14	62	4,64	51	4,33	74	3,50
Romania	78	4,07	90	4,22	64	4,12	106	3,20
Croatia	81	4,04	60	4,68	72	4,01	83	3,39
Greece	96	3,86	98	4,13	69	4,05	85	3,37

Appendix 1. UE28 Countries Ranking according to the Global Competitiveness Index

Source: World Economic Forum (2012), the Global Competitiveness Report 2012-2013, pp. 13-15

- 2nd stage of development – efficiency factors
- under transition from the 2nd stage to the 3rd stage of development
- 3rd stage of development – innovation and sophistication factors



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Appendix 2. The evolution of the global market share of the products exported from the industrial and agricultural sectors during 2007-2012 in UE28

Nr. crt.	Country	Code	2007	2012	Modification
1	Germany	DE	9.59%	7.88%	-1.72 p.p
2	France	FR	3.90%	3.10%	-0.80 p.p
3	Italy	IT	3.61%	2.79%	-0.82 p.p
4	Holland	NL	3.45%	3.08%	-0.36 p.p
5	Great Britain	UK	3.18%	2.68%	-0.50 p.p
6	Belgium	BE	3.11%	2.49%	-0.63 p.p
7	Spain	ES	1.83%	1.59%	-0.24 p.p
8	Sweden	SE	1.22%	0.96%	-0.26 p.p
9	The Czech Republic	CZ	1.20%	1.12%	-0.08 p.p
10	Austria	AT	1.18%	0.93%	-0.26 p.p
11	Poland	PL	1.00%	1.00%	-
12	Hungary	HU	0.94%	0.74%	-0.20 p.p
13	Ireland	IE	0.88%	0.66%	-0.22 p.p
14	Denmark	DK	0.74%	0.59%	-0.15 p.p
15	Finland	FI	0.65%	0.41%	-0.24 p.p
16	Slovakia	SK	0.42%	0.45%	0.03 p.p
17	Portugal	PT	0.37%	0.32%	-0.05 p.p
18	Romania	RO	0.29%	0.32%	0.03 p.p
19	Slovenia	SI	0.19%	0.15%	-0.04 p.p
20	Bulgaria	BG	0.18%	0.19%	0.01 p.p
21	Greece	EL	0.17%	0.20%	0.03 p.p
22	Lithuania	LT	0.12%	0.16%	0.04 p.p
23	Luxemburg	LU	0.12%	0.08%	-0.04 p.p
24	Croatia	HR	0.09%	0.07%	-0.02 p.p
25	Estonia	EE	0.08%	0.10%	0.02 p.p
26	Latvia	LV	0.06%	0.07%	0.01 p.p
27	Malta	MT	0.02%	0.03%	0.01 p.p
28	Cyprus	CY	0.01%	0.01%	-

Note: Calculation Method: Worldwide Market share – Total of exports from the industrial and agricultural sectors in the country (thousand EUR)/ exports produced from the industrial and agricultural sectors worldwide (thousand EUR), product groups 4 digits; p.p – percentage points.

Source: data processing International Trade Centre, Trade Map, Trade Statistics for International Business Development; <http://www.trademap.org>, ITC calculations based on UN COMTRADE statistics.



Appendix 3. The evolution of the global market share for services exported during 2007-2011 in the UE28

Nr. crt.	Country	Code	2007	2012	Modification
1	Great Britain	UK	8.32%	6.91%	-1.41 p.p.
2	Germany	DE	6.40%	6.25%	-0.15 p.p.
3	France	FR	4.30%	5.28%	0.98 p.p.
4	Estonia	ES	3.68%	3.34%	-0.33 p.p.
5	Italy	IT	3.22%	2.51%	-0.71 p.p.
6	Holland	NL	3.21%	3.25%	0.04 p.p.
7	Ireland	IE	2.68%	2.66%	-0.01 p.p.
8	Belgium	BE	2.14%	2.25%	0.10 p.p.
9	Luxembourg	LU	1.87%	1.67%	-0.19 p.p.
10	Sweden	SE	1.82%	1.75%	-0.07 p.p.
11	Denmark	DK	1.77%	1.57%	-0.20 p.p.
12	Austria	AT	1.56%	1.44%	-0.12 p.p.
13	Greece	EL	1.23%	0.94%	-0.30 p.p.
14	Poland	PL	0.83%	0.88%	0.06 p.p.
15	Finland	FI	0.67%	0.71%	0.04 p.p.
16	Portugal	PT	0.67%	0.63%	-0.04 p.p.
17	The Czech Republic	CZ	0.50%	0.54%	0.05 p.p.
18	Hungary	HU	0.50%	0.51%	0.01 p.p.
19	Croatia	HR	0.36%	0.29%	-0.07 p.p.
20	Romania	RO	0.27%	0.24%	-0.03 p.p.
21	Cyprus	CY	0.25%	0.20%	-0.05 p.p.
22	Slovakia	SK	0.20%	0.16%	-0.05 p.p.
23	Bulgaria	BG	0.19%	0.17%	-0.01 p.p.
24	Slovenia	SI	0.16%	0.16%	-0.01 p.p.
25	Estonia	EE	0.13%	0.13%	0.00 p.p.
26	Lithuania	LT	0.12%	0.12%	0.01 p.p.
27	Latvia	LV	0.11%	0.10%	-
28	Malta	MT	0.10%	0.12%	0.02 p.p.

Note: Calculation Method: Global Market Share – Total of services exports in countries (thousand EUR)/global services exports (mii EUR); p.p. – percentage points.

Source: processing of data - International Trade Centre, Trade Map, Trade Statistics for International Business Development; <http://www.trademap.org>, ITC calculations based on UN COMTRADE statistics.



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Appendix 4. Global share market evolution of the products in the creative industries 2007-2012 in the UE 28

Nr. crt.	Country	Code	2007	2012	Modification
1	Italy	IT	9.25%	7.03%	-2.21 p.p.
2	Germany	DE	6.80%	4.73%	-2.07 p.p.
3	Great Britain	UK	5.22%	4.31%	-0.92 p.p.
4	France	FR	4.88%	4.55%	-0.33 p.p.
5	Spain	ES	2.62%	2.00%	-0.62 p.p.
6	Belgium	BE	2.53%	1.60%	-0.93 p.p.
7	Holland	NL	1.74%	1.59%	-0.15 p.p.
8	Austria	AT	1.33%	0.86%	-0.47 p.p.
9	Poland	PL	1.28%	1.11%	-0.17 p.p.
10	The Czech Republic	CZ	1.20%	0.83%	-0.37 p.p.
11	Sweden	SE	0.90%	0.69%	-0.21 p.p.
12	Denmark	DK	0.74%	0.59%	-0.15 p.p.
13	Portugal	PT	0.61%	0.54%	-0.08 p.p.
14	Romania	RO	0.40%	0.29%	-0.11 p.p.
15	Finland	FI	0.30%	0.13%	-0.16 p.p.
16	Slovakia	SK	0.27%	0.24%	-0.03 p.p.
17	Hungary	HU	0.26%	0.24%	-0.02 p.p.
18	Slovenia	SI	0.23%	0.13%	-0.10 p.p.
19	Greece	EL	0.21%	0.14%	-0.07 p.p.
20	Ireland	IE	0.19%	0.10%	-0.09 p.p.
21	Lithuania	LT	0.17%	0.21%	0.03 p.p.
22	Hungary	HR	0.12%	0.07%	-0.05 p.p.
23	Estonia	EE	0.08%	0.11%	0.03 p.p.
24	Latvia	LV	0.06%	0.06%	0.01 p.p.
25	Malta	MT	0.04%	0.03%	-
26	Luxembourg	LU	0.03%	0.02%	-0.01 p.p.
27	Cyprus	CY	0.01%	0.01%	-
28	Bulgaria	BG	0.00%	0.00%	-

Note: Calculation Method: Global market share - Total of creative industries products exports in countries (thousand EUR)/ exports of products in the creative industries worldwide (thousand EUR), group of products 6 digits; p.p.- percentage points.

Source: data processing International Trade Centre, Trade Map, Trade Statistics for International Business Development; <http://www.trademap.org/>, [ITC](http://www.itc.org/) calculations based on UN COMTRADE statistics.



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Anexa 5. Evolution of global share market for the products in industrial and agricultural sectors exported by Romania in 2002-2012; ranking according to the most performing product groups in 2002

SA Code	Product	2002	2012	Modification
1 8606	Goods for railways and trams, trailers and wagons, without self-propulsion	8.30%	0.96%	_7.33 p.p.
2 6406	Parts of footwear; replaceable brackets, frame buffer, etc; gaiters (leggings)	7.89%	4.69%	_3.20 p.p.
3 6405	Footwear	5.72%	0.94%	_4.78 p.p.
4 7004	Drawn or blown glass, in sheets	5.68%	_	_5.68 p.p.
5 5302	Raw, processed, not spun hemp; hemp waste	5.52%	0.22%	_5.30 p.p.
6 0104	Live sheep and goats	5.15%	18.44%	13.30 p.p.
7 1206	Sunflower seeds, with or without shell	3.95%	12.03%	8.08 p.p.
8 6206	Blouses and shirts for women	3.90%	2.48%	_1.42 p.p.
9 7316	Anchors, anchors with four claws or parts of these, of iron or steel.	3.56%	0.01%	_3.55 p.p.
10 6201	Men overcoats, cloaks, o/t from hd 62.03	3.54%	1.16%	_2.38 p.p.
11 7605	Aluminium Wire	2.84%	5.43%	2.59 p.p.
12 7208	Flat products or in iron rolls/ not of/width >/=600 mm, hr, not covered in coating	2.81%	1.25%	-1.56 p.p.
13 5004	Silk thread (other than the thread spun from silk waste)	2.74%	17.24%	14.50 p.p.
14 6503	Felt hats and other felt products to cover the head	2.67%	_	_2.67 p.p.
15 6205	Men shirts	2.65%	1.13%	_1.52 p.p.
16 6204	Women suits, jackets, dresses, skirts and shorts	2.52%	1.38%	_1.14 p.p.
17 2849	Carbide, whether or not chemically defined	2.44%	2.51%	0.07 p.p.
18 2926	Nitrile compounds	2.42%	_	_2.42 p.p.
19 6203	Men suits, jackets, pants and shorts	2.40%	1.53%	_0.87 p.p.
20 4304	Artificial leather and artificial leather products	2.33%	0.76%	_1.57 p.p.

Note: Calculation Method: Market share – Romania exports at the level of product group in the agricultural and industrial sectors (thousand EUR)/ Global exports at the level of product group in the industrial and agricultural sectors. (thousand EUR), group of products 4 digits; p.p. – percentage points.

The reference year for the most performing products-2002; SA: The goods ranking harmonized system

Source: data processing: International Trade Centre, Trade Map, Trade Statistics for International Business Development; <http://www.trademap.org/ITC> calculations based on UN COMTRADE statistics.



Appendix 6. Evolution of global market share of the products in the agricultural and industrial sectors exported by Romania in 2002-2012; ranking according to the most performing group of products in 2012

SA Code	Products	2002	2012	Modification
1 0104	Live sheep and goats	5.15%	18.44%	13.30 p.p.
2 5004	Silk thread (other than the thread spun from silk waste)	2.74%	17.24%	14.50 p.p.
3 1206	Sunflower seeds, with or without shells	3.95%	12.03%	8.08 p.p.
4 7605	Aluminium wire	2.84%	5.43%	2.59 p.p.
5 3914	Ionic exchangers based on polymers from no.. 39.01 to no. 30.13, in primary forms	1.78%	5.42%	3.65 p.p.
6 4410	Chipboards of similar boards of wood or of other wooden material	0.32%	5.23%	4.91 p.p.
7 5107	Combed wool tread, not provided for retail	0.46%	5.05%	4.59 p.p.
8 6406	Parts of footwear, replaceable insoles, heel damper etc; gaiters (leggings)	7.89%	4.69%	-3.20 p.p.
9 5203	Cotton, carded or combed	-	4.32%	4.32 p.p.
10 7220	Flat or roller products in stainless steel, with a width less than 600 mm	0.16%	4.28%	4.13 p.p.
11 5109	Wool thread or fine animal fine hair, provided for retail	0.03%	3.73%	3.70 p.p.
12 4413	Pressed wood, in blocks, plates, strips or profiles	0.32%	3.73%	3.41 p.p.
13 4406	Wooden sleepers for railway of tram	0.31%	3.60%	3.29 p.p.
14 8804	Parachutes or parts and accessories thereof	0.78%	3.59%	2.81 p.p.
15 6912	Ceramic tableware, pots and pans, other than made of porcelain	2.00%	3.56%	1.57 p.p.
16 5401	Sewing thread of man-made filaments	0.10%	3.46%	3.36 p.p.
17 4404	Wooden circles; split poles; clusters, spikes, feathers; sawdust	0.16%	3.45%	3.29 p.p.
18 0205	Horse, donkey or mule meat - fresh, chilled or frozen	0.76%	3.17%	2.41 p.p.
19 4408	Veneer sheets, plywood sheets, other wood sawn lengthwise	0.69%	3.09%	2.40 p.p.
20 8904	Pulled and pushed equipment	0.66%	3.08%	2.43 p.p.

Note: Calculation Method: Markets share = Romania exports at the level of product group in the industrial and agricultural sectors (thousand EUR)/ Global exports at the level of product group in the industrial and agricultural sectors. (thousand EUR), group of products 4 digits; p.p. = percentage points.

Reference year for the most performing products =2012

Source: data processing - International Trade Centre, Trade Map, Trade Statistics for International Business Development; <http://www.trademap.org>, ITC calculations based on UN COMTRADE statistics.



Appendix 7. Evolution of the global share market for the services exported by Romania in 2002-2012; ranking according to the most performing services exported in 2002

	SA Code	Services	2002	2012	Modification
1	245	Communication Services	0.47%	0.70%	0.23 p.p.
2	287	Personal, cultural and leisure services	0.40%	0.24%	-0.16 p.p.
3	205	Transports	0.27%	0.36%	0.09 p.p.
4	249	Construction Services	0.18%	0.45%	0.27 p.p.
6	268	Other business services	0.14%	0.24%	0.11 p.p.
7	262	Computer and information technology	0.13%	0.42%	0.29 p.p.
8	REM	Referrals	0.10%	-	-0.10 p.p.
9	260	Financial services	0.08%	0.06%	-0.02 p.p.
10	236	Travels	0.07%	0.13%	0.06 p.p.
11	291	Government Services	0.06%	0.06%	0.01 p.p.
12	253	Insurance Services	0.04%	0.16%	0.11 p.p.
13	266	Royalties and licence fees	-	0.09%	0.09 p.p.

Note: Calculation Method: Market Share – The Romanian exports of services in a certain category (thousand EUR)/ Global exports of services in the same category (thousand EUR); Reference year for the most performing services - 2002; p.p. – percentage points.

Source: data processing International Trade Centre, Trade Map, Trade Statistics for International Business Development; <http://www.trademap.org/>, ITC calculations based on UN COMTRADE statistics.



Appendix 8. Evolution of the global market share of services exported by Romania in 2002-2012; ranking according to the most performing services exported in 2012

	SA Code	Services	2002	2012	Modification
1	245	Communication Services	0.47%	0.70%	0.23 p.p.
2	249	Construction Services	0.18%	0.45%	0.27 p.p.
3	262	Computers and Information Technology	0.13%	0.42%	0.29 p.p.
4	205	Transports	0.27%	0.36%	0.09 p.p.
5	268	Other business services	0.14%	0.24%	0.11 p.p.
6	287	Personal, cultural and leisure services	0.40%	0.24%	-0.16 p.p.
8	253	Insurance Services	0.04%	0.16%	0.11 p.p.
9	236	Travels	0.07%	0.13%	0.06 p.p.
10	266	Royalties and licence fees	-	0.09%	0.09 p.p.
11	291	Governmental services	0.06%	0.06%	0.01 p.p.
12	260	Financial services	0.08%	0.06%	-0.02 p.p.
13	REM	Referrals	0.10%	-	-0.10 p.p.

Note: Calculation Method: Market share – Romania exports of services in a certain category (mii EUR)/ Global exports of services in the same category (thousand EUR); Reference year for the most performing services - 2012; p.p. – Percentage points.

Source: data processing - International Trade Centre, Trade Map, Trade Statistics for International Business Development; <http://www.trademap.org/>, ITC calculations based on UN COMTRADE statistics.



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Appendix 9. Evolution of the global share market of the products in the creative industries exported by Romania in 2002-2012; ranking according to the most performing product groups in 2002.

SA Code	Sector	2002	2012	Modification
1 640510	Footwear in leather or composition leather	11.94%	8.92%	_-3.02 p.p.
2 640320	Footwear, sandals	4.79%	4.25%	_-0.54 p.p.
3 420229	Handbags of vulcanized fiber or paperboard	4.41%	3.39%	_-1.02 p.p.
4 640351	Footwear, leather soles and uppers, covering the ankle	3.54%	0.65%	_-2.89 p.p.
5 630221	Printed, not knitted bed linen	3.47%	0.65%	_-2.82 p.p.
6 640520	Footwear with uppers from textile materials	3.35%	0.55%	_-2.80 p.p.
7 940360	Wood furniture	2.87%	2.21%	_-0.66 p.p.
8 701339	Pots and pans (eg. glasses), other than ceramic	2.74%		_-2.74 p.p.
9 650300	Hats and other items for head covering	2.67%		_-2.67 p.p.
10 701399	Glassware	2.55%	0.29%	_-2.26 p.p.
11 460199	Products of plaiting materials	2.48%		_-2.48 p.p.
12 570299	Carpets from woven materials	2.33%		_-2.33 p.p.
13 480210	Paper, handmade, roll or sheets	2.03%	0.02%	_-2.01 p.p.
14 570231	Carpets made of wool, of fine animal hair	2.00%	0.02%	_-1.98 p.p.
15 691200	Tableware, other household and toilet items	2.00%	3.56%	1.57 p.p.
16 460191	Products from vegetable plaiting materials, other than mattresses & screens	1.82%		_-1.82 p.p.
17 442110	Wooden hangers	1.78%	0.01%	_-1.77 p.p.
18 940169	Chairs with wooden frames	1.73%	2.53%	0.80 p.p.
19 570210	Textiles, hand-made woven carpets	1.69%	2.64%	0.96 p.p.
20 580500	Handmade tapestries and needle-worked tapestries	1.64%		_-1.64 p.p.

Note: Calculation Method: Market share = Romania export at the level of product group in the creative industries (thousand EUR)/ Global exports at the level of product group in the creative industries. (thousand EUR), group of products 6 digits; Reference year for the most performing products =2002; p.p. = percentage points.

Source: data processing International Trade Centre, Trade Map, Trade Statistics for International Business Development; <http://www.trademap.org/>, ITC calculations based on UN COMTRADE statistics.



Appendix 10. Evolution of the global market share for the products from the creative industries exported by Romania in 2002-2012; classification according to the most performing product groups in 2012

	Code SA	Sector	2002	2012	Alteration
1	640510	Footwear with faces of leather or recomposed leather	11.94%	8.92%	-3.02 p.p.
2	640320	Footwear, sandals	4.79%	4.25%	-0.54 p.p.
3	691200	Tableware, other household and sanitary articles	2.00%	3.56%	1.57 p.p.
4	611790	Parts of clothing / clothing accessories, made of din knitted, textile materials	0.37%	3.50%	3.14 p.p.
5	420229	Handbags made of vulcanized fiber or paperboard	4.41%	3.39%	-1.02 p.p.
6	420299	Containers	0.48%	2.78%	2.30 p.p.
7	570210	Hand sewed textiles, carpets	1.69%	2.64%	0.96 p.p.
8	940169	Chairs with wooden frames	1.73%	2.53%	0.80 p.p.
9	490591	Maps and hydrographic maps or similar charts of all kinds, printed in book form		2.25%	2.24 p.p.
10	940360	Wooden furniture	2.87%	2.21%	-0.66 p.p.
11	960200	Carving in minerals	0.03%	2.04%	2.00 p.p.
12	441400	Wooden frames for paintings, pictures, mirrors or similar objects	0.77%	1.98%	1.21 p.p.
13	621790	Not crocheted parts of clothing or clothing accessories,	0.15%	1.92%	1.76 p.p.
14	441900	Tableware	0.61%	1.67%	1.07 p.p.
15	420211	Luggages, suitcases and other similar containers with external surface made of leather	0.20%	1.58%	1.38 p.p.
16	420330	Straps or belts made of leather or recomposed leather	0.06%	1.25%	1.19 p.p.
17	640420	Footwear with external cover strips made of natural leather and with faces of textile material	0.12%	1.18%	1.06 p.p.
18	581010	Embroidery without background, in pieces, in strips decorative motifs	0.59%	1.16%	0.57 p.p.
19	630231	Bed linens made of cotton	0.56%	1.07%	0.51 p.p.
20	691490	Ceramic articles	0.08%	1.06%	0.98 p.p.

Note: Calculation method: Market share = Romanian exports at level of group of products from the creative industries (thousands EUR)/ World exports at level of group of products from the creative industries.
(thousands EUR), group of products 6 figures; Reference year for the most performing products =2012
p.p. = percentage points

Source: data processing of International Trade Centre, Trade Map, Trade Statistics for International Business Development; <http://www.trademap.org>, ITC calculations based on UN COMTRADE statistics.



Appendix 11. Country codes used in charts

Country	Code
Belgium	BE
Bulgaria	BG
Czech Republic	CZ
Croatia	HR
Denmark	DK
Germany	DE
Estonia	EE
Ireland	EE
Greece	EL
Spain	ES
France	FR
Italy	IT
Cyprus	CY
Latvia	LV
Lithuania	LT
Luxembourg	LU
Hungary	HU
Malta	MT
Netherlands	NL
Austria	AT
Poland	PL
Portugal	PT
Romania	RO
Slovenia	SI
Slovakia	SK
Finland	FI
Sweden	SE
Great Britain	UK
European Union	UE 27
European Union after Croatia adherence	UE 28