

FRAMEWORK CONDITIONS

a. Collaborazioni e flussi di conoscenza

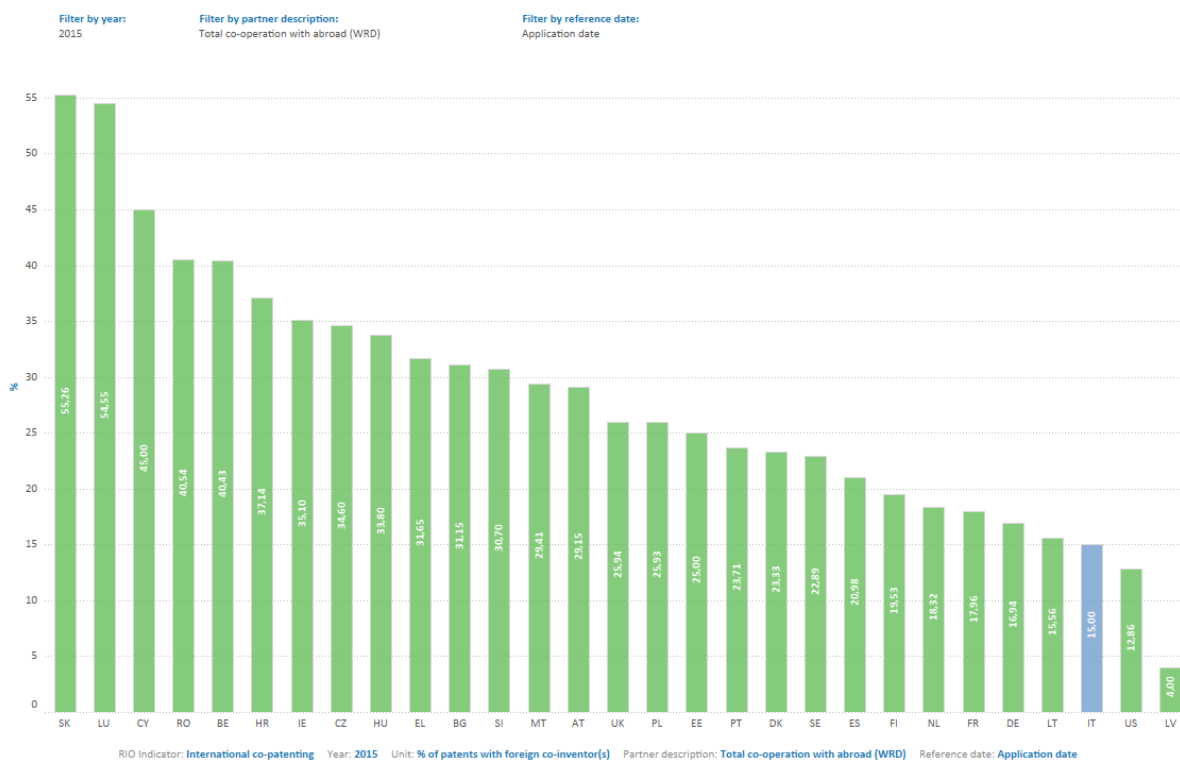
➤ Co-brevetazione internazionale

I brevetti sono riportati sia per applicazione che per data di priorità.

Data table

Filter by reference date: Application date		Filter by type of co-operation: Patents with foreign co-inventor(s)		Filter by partner description: All													
Country	Partner	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Italy	Total co-operation with abroad (WRD)	265	368	407	349	399	410	448	481	512	453	503	542	548	564	570	552
	United States (USA)	86	129	147	115	142	152	137	162	161	137	152	151	189	139	169	154
	China (CHN)	0	1	1	0	0	1	3	8	6	2	9	23	19	18	17	13
	Japan (JPN)	1	7	6	9	6	7	5	6	9	5	4	11	7	8	11	7
	Korea (South)	1	0	2	0	0	0	0	1	0	3	1	0	1	1	9	2
Latvia	Total co-operation with abroad (WRD)	4	16	5	9	14	13	22	15	10	10	12	12	7	6	1	1
	United States (USA)	0	2	0	0	0	0	1	1	1	0	0	0	1	1	1	0
	China (CHN)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Japan (JPN)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Korea (South)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithuania	Total co-operation with abroad (WRD)	3	8	6	3	5	4	11	3	2	11	3	4	6	12	11	7
	United States (USA)	0	1	2	0	1	1	3	1	1	5	0	2	1	4	2	1
	China (CHN)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Japan (JPN)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
	Korea (South)	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Luxembourg	Total co-operation with abroad (WRD)	39	30	21	29	19	41	33	51	35	45	43	71	73	55	46	54
	United States (USA)	1	3	7	10	6	11	2	4	6	7	4	12	13	8	2	5
	China (CHN)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	Japan (JPN)	1	1	0	2	0	0	0	0	0	0	1	1	1	0	0	2
	Korea (South)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Malta	Total co-operation with abroad (WRD)	0	2	3	3	2	5	5	3	2	2	2	1	1	3	6	5
	United States (USA)	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
	China (CHN)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Japan (JPN)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Korea (South)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Netherlands	Total co-operation with abroad (WRD)	407	522	561	602	657	653	693	817	760	791	721	669	733	734	809	719
	United States (USA)	136	160	201	208	224	228	220	287	242	242	194	187	224	246	314	268
	China (CHN)	1	0	2	4	4	15	21	16	19	15	38	24	24	26	23	11
	Japan (JPN)	11	11	16	20	9	11	18	8	10	9	4	8	10	12	7	10
	Korea (South)	0	3	1	0	3	12	0	0	4	10	8	17	6	1	13	13

RIO Indicator: International co-patenting - by partner description Unit: Number Reference date: Application date



RIO Indicator: International co-patenting Year: 2015 Unit: % of patents with foreign co-inventor(s) Partner description: Total co-operation with abroad (WRD) Reference date: Application date

➤ Quota delle imprese che cooperano con il mondo accademico

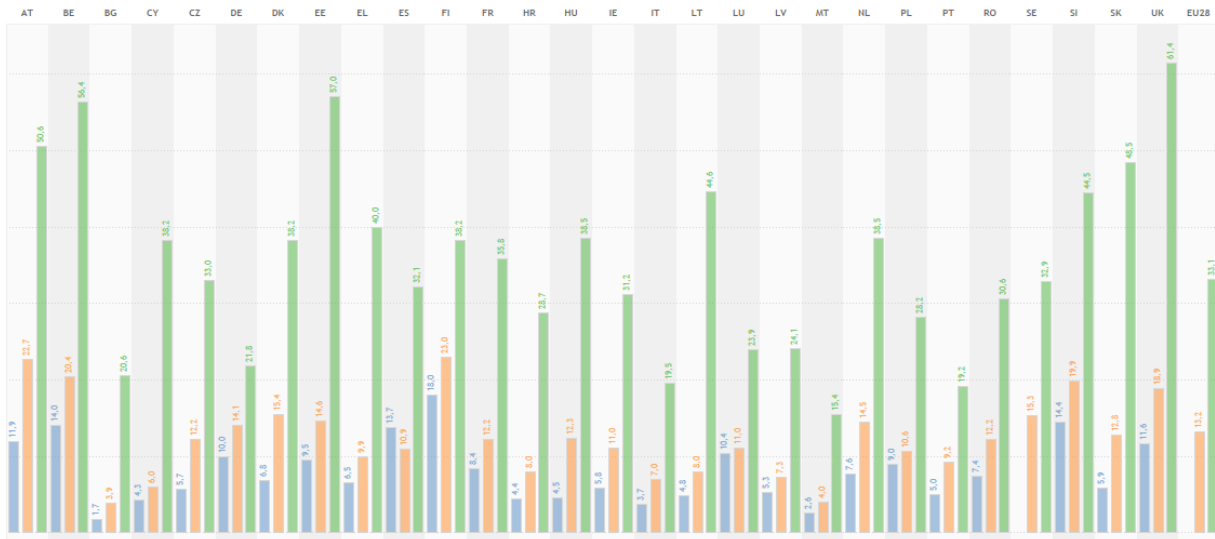
Data table

COUNTRIES All

	Enterprises co-operating with Government, public or private research institutes	Enterprises co-operating with universities or other higher education institutions	Enterprises engaged in any type of co-operation
European Union		13,20	33,10
Austria	11,90	22,70	50,60
Belgium	14,00	20,40	56,40
Bulgaria	1,70	3,90	20,60
Croatia	4,40	8,00	28,70
Cyprus	4,30	6,00	38,20
Czech Republic	5,70	12,20	33,00
Denmark	6,80	15,40	38,20
Estonia	9,50	14,60	57,00
Finland	18,00	23,00	38,20
France	8,40	12,20	35,80
Germany	10,00	14,10	21,80
Greece	6,50	9,90	40,00
Hungary	4,50	12,30	38,50
Ireland	5,80	11,00	31,20
Italy	3,70	7,00	19,50
Latvia	5,30	7,30	24,10
Lithuania	4,80	8,00	44,60
Luxembourg	10,40	11,00	23,90
Malta	2,60	4,00	15,40
Netherlands	7,60	14,50	38,50
Poland	9,00	10,60	28,20
Portugal	5,00	9,20	19,20
Romania	7,40	12,20	30,60
Slovakia	5,90	12,80	48,50
Slovenia	14,40	19,90	44,50
Spain	13,70	10,90	32,10
Sweden		15,30	32,90
United Kingdom	11,60	18,90	61,40

Indicator: Share of enterprises cooperating with academia or research institutes Unit: Percentage Year: 2014

COUNTRIES All



Indicator: Share of enterprises cooperating with academia or research institutes Unit: Percentage Year: 2014



b. Economia digitale

➤ Banda larga – famiglie che hanno accesso ad Internet

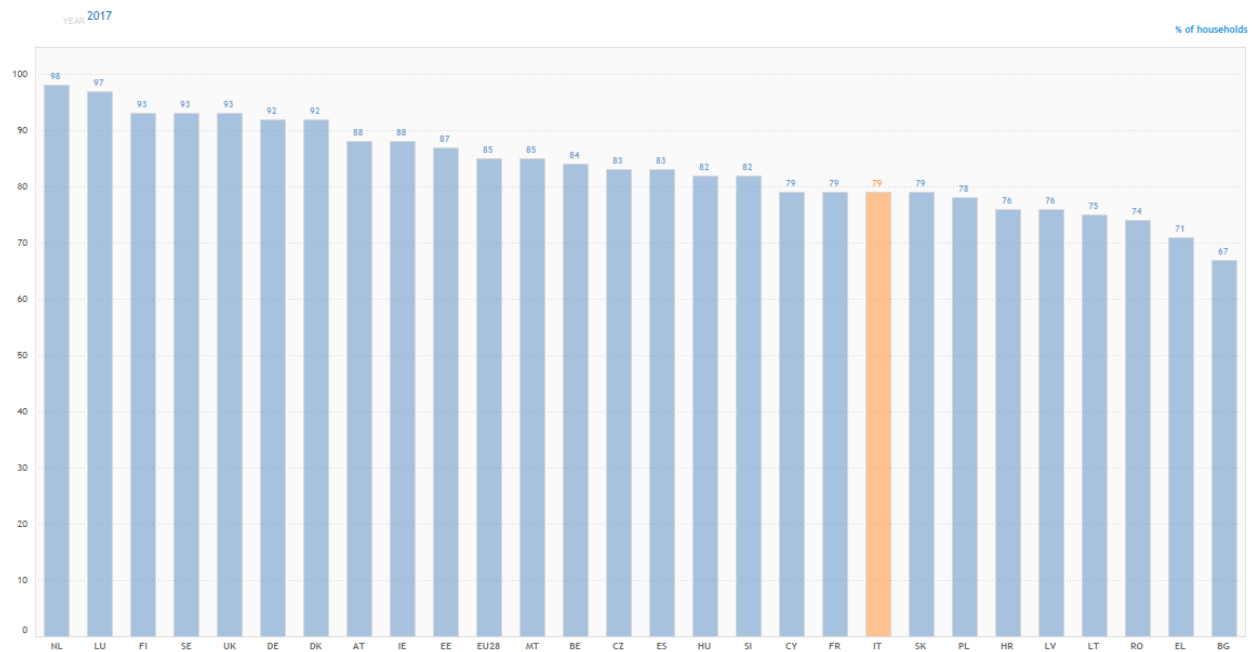
Data table

COUNTRIES All

% of households

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Austria	10	16	23	33	46	54	58	64	72	77	80	79	81	85	88
Belgium			41	48	56	60	63	70	74	75	79	81	79	82	84
Bulgaria		4		10	15	21	26	26	40	51	54	56	59	63	67
Croatia					23	27	39	49	56	60	64	68	76	77	76
Cyprus		2	4	12	20	33	47	51	56	62	64	69	71	74	79
Czech Republic	1	4	5	17	28	36	49	54	63	63	69	76	76	80	83
Denmark	25	36	51	63	70	74	76	80	84	85	87	85	84	92	92
Estonia		20	28	36	47	54	61	64	65	73	78	81	87	85	87
Finland	12	21	36	53	63	66	74	76	81	85	88	89	90	91	93
France				30	49	57	63	66	70	77	78	77	76	79	79
Germany	9	18	23	34	50	55	65	75	78	82	85	87	88	90	92
Greece	1	0	1	4	7	22	33	41	45	51	55	65	67	68	71
Hungary		6	11	22	32	41	50	51	59	66	69	73	75	78	82
Ireland	1	3	7	13	31	43	54	58	65	65	67	80	83	86	88
Italy			13	16	25	31	39	49	52	55	68	71	74	77	79
Latvia		5	14	23	32	40	50	53	59	67	70	73	74	75	76
Lithuania	2	4	12	19	34	43	50	54	56	60	64	65	67	71	75
Luxembourg	7	16	33	44	58	61	71	70	68	68	70	93	95	97	97
Malta			23	41	44	55	63	69	75	77	79	80	82	82	85
Netherlands	20	31	54	66	74	74	77	80	83	84	87	94	94	95	98
Poland		8	16	22	30	38	51	57	61	67	69	71	71	76	78
Portugal	8	12	20	24	30	39	46	50	57	60	62	63	69	73	73
Romania				5	8	13	24	23	31	50	56	58	65	70	74
Slovakia		4	7	11	27	35	42	49	55	72	70	76	78	78	79
Slovenia		10	19	34	44	50	56	62	67	73	74	75	78	78	82
Spain		15	21	28	38	44	50	56	61	65	69	73	78	81	83
Sweden			40	51	67	71	79	83	86	87		87	83	89	93
United Kingdom	11	16	32	44	57	62	69		80	86	87	88	90	92	93
European Union				42	48	56	61	67	72	76	78	80	83	85	85
EU28		15	23	30	42										

Indicator: Broadband - Households having access to the internet (% of households)



Indicator: Broadband - Households having access to the internet (% of households) Year: 2017

c. Formazione e competenze

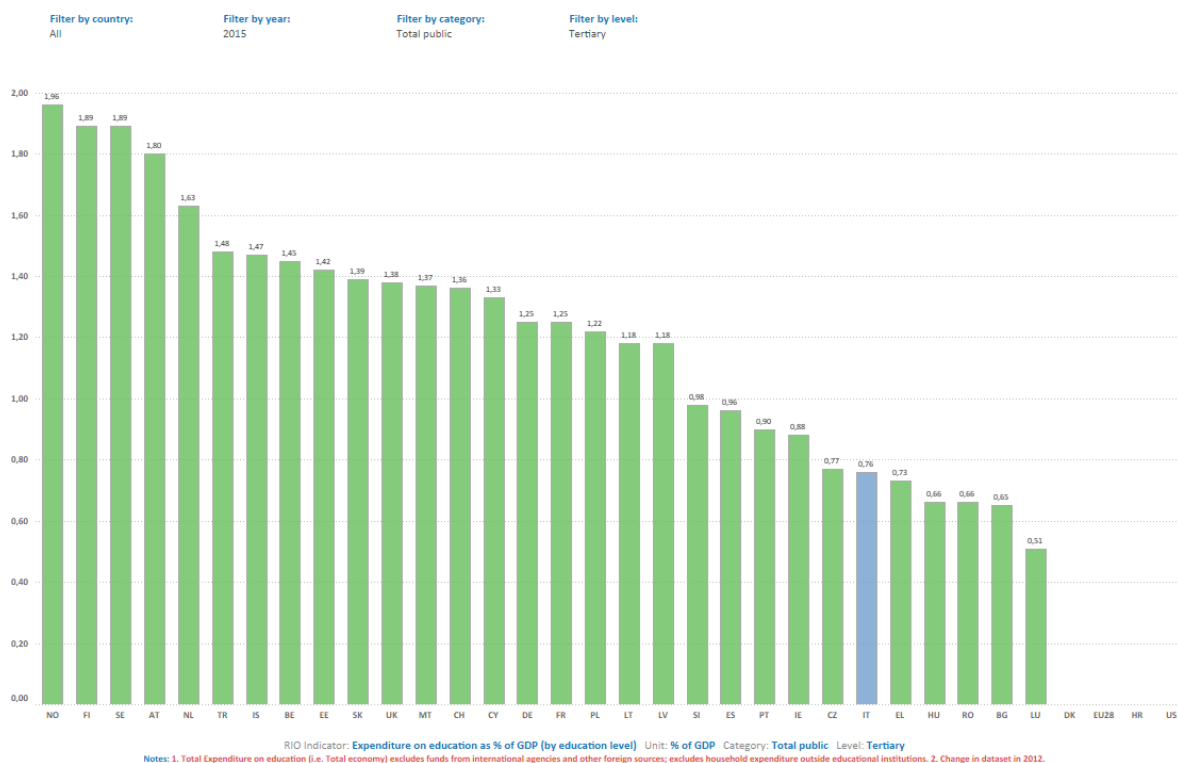
➤ Spesa per l'istruzione in termini di % del PIL (per livello di istruzione)

L'indicatore non tiene in considerazione i fondi provenienti da agenzie internazionali e da altre fonti straniere; non tiene conto inoltre delle spese per le famiglie al di fuori degli istituti scolastici.

Data table

Filter by country:	Filter by year:	Filter by category:	Filter by level:																		
All	All	Total public	Pre-primary education	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		
European Union						0,49	0,48	0,48	0,47	0,50	0,51	0,52	0,56	0,56	0,57	0,50	0,51	0,50			
Austria					0,62	0,63	0,42	0,40	0,40	0,40	0,40	0,46	0,55	0,61	0,59	0,47	0,47	0,48	0,49		
Belgium					0,70	0,70	0,71	0,69	0,69	0,71	0,71	0,75	0,75	0,78	0,78	0,68	0,71	0,70	0,70		
Bulgaria					0,62	0,67	0,67	0,76	0,72	0,74	0,74	0,85	0,91	0,92	0,88	0,89	1,03	1,05	0,97		
Croatia					0,44	0,49	0,49	0,49	0,49	0,57	0,55	0,60	0,67	0,66	0,66						
Cyprus					0,32	0,35	0,36	0,34	0,34	0,34	0,33	0,35	0,41	0,40	0,41	0,38	0,35	0,36	0,35		
Czech Republic					0,51	0,51	0,52	0,48	0,49	0,51	0,50	0,49	0,60	0,63	0,66	0,54	0,54	0,55	0,52		
Denmark					0,88	0,94	0,99	1,04	0,97	0,87	0,87	0,90	1,25	1,25	1,61	1,25					
Estonia					0,34	0,42	0,33	0,35	0,39	0,35	0,39	0,55	0,51	0,47	0,44	0,43					
Finland					0,33	0,33	0,34	0,35	0,35	0,34	0,34	0,36	0,40	0,40	0,40	0,78	0,77	0,77	0,77		
France					0,66	0,65	0,65	0,67	0,64	0,64	0,65	0,64	0,68	0,68	0,66	0,65	0,70	0,70	0,70		
Germany					0,42	0,49	0,46	0,47	0,47	0,47	0,48	0,50	0,55	0,55	0,56	0,43	0,44	0,44	0,46		
Greece					0,24	0,17	0,11	0,11								0,24	0,25	0,27	0,26		
Hungary					0,86	0,91	0,98	0,93	0,97	1,00	0,91	0,96	0,91	0,97	0,89	0,65	0,65	0,78			
Iceland					0,29	0,29	1,16	0,89	0,93	1,04	1,05	1,13	1,17	1,14	1,12	0,93	0,90	0,93	0,90		
Ireland					0,06	0,07	0,07	0,00	0,00	0,00	0,00	0,00	0,05	0,10	0,10	0,11	0,11	0,10	0,07		
Italy					0,47	0,39	0,44	0,45	0,46	0,50	0,47	0,49	0,48	0,45	0,44	0,45	0,45	0,46	0,48		
Latvia					0,87	0,77	0,72	0,66	0,64	0,67	0,73	0,85	0,97	0,84	0,82	1,13	0,82	0,86	0,81		
Lithuania					0,82	0,78	0,73	0,66	0,59	0,59	0,56	0,52	0,74	0,69	0,71	0,63	0,50	0,56	0,56		
Luxembourg					0,50							0,51	0,62	0,76	0,75	0,65	0,53	0,57	0,57		
Malta					0,29	0,28	1,47	1,31	1,35	1,02	1,15	0,37	0,37	0,50	0,42	0,46	0,44	0,52	0,53		
Netherlands					0,35	0,37	0,40	0,43	0,42	0,42	0,41	0,38	0,39	0,41	0,41	0,41	0,38	0,37	0,36		
Norway					1,26	0,60	1,05	0,52	0,56	0,65	0,50	0,54	0,51	0,61	0,58	0,55	0,73	0,73	0,69	0,72	
Poland					0,46	0,43	0,48	0,55	0,54	0,53	0,50	0,57	0,52	0,52	0,54	0,56	0,59	0,61	0,61		
Portugal					0,48	0,51	0,57	0,57	0,55	0,53	0,50	0,48	0,55	0,50	0,47	0,39	0,42	0,42	0,39		
Romania					0,45	0,79	0,83	0,66	0,65		0,77	0,73	0,66	0,67	0,29	0,30	0,34	0,33			
Slovakia					0,53	0,55	0,64	0,54	0,50	0,47	0,47	0,53	0,60	0,54	0,53	0,42	0,44	0,49	0,49		
Slovenia					0,57	0,57	0,54	0,48	0,48	0,48	0,51	0,46	0,49	0,57	0,59	0,65	0,68	0,61	0,65	0,56	
Spain					0,39	0,42	0,46	0,48	0,52	0,55	0,59	0,64	0,72	0,70	0,68	0,50	0,48	0,48	0,47		
Sweden					0,46	0,50	0,49	0,50	0,54	0,59	0,60	0,67	0,73	0,71	0,72	1,29	1,29	1,30	1,29		
Switzerland					0,31	0,30	0,31	0,33	0,32	0,32	0,31	0,34	0,28	0,29	0,28	0,28	0,19	0,18	0,24	0,41	
Turkey							0,02								0,04	0,17					
United Kingdom					0,43	0,43	0,34	0,34	0,31	0,38	0,35	0,29	0,30	0,32	0,33	0,33	0,31	0,20	0,26		
United States					0,35	0,36	0,30	0,30	0,29	0,31	0,33	0,32	0,33	0,35	0,33						

RIO Indicator: Expenditure on education as % of GDP (by education level) Unit: % of GDP Category: Total public Level: Pre-primary education
 Notes: 1. Total Expenditure on education (i.e. Total economy) excludes funds from international agencies and other foreign sources; excludes household expenditure outside educational institutions. 2. Change in dataset in 2012.



RIO Indicator: Expenditure on education as % of GDP (by education level) Unit: % of GDP Category: Total public Level: Tertiary
 Notes: 1. Total Expenditure on education (i.e. Total economy) excludes funds from international agencies and other foreign sources; excludes household expenditure outside educational institutions. 2. Change in dataset in 2012.

➤ **Nuovi laureati**

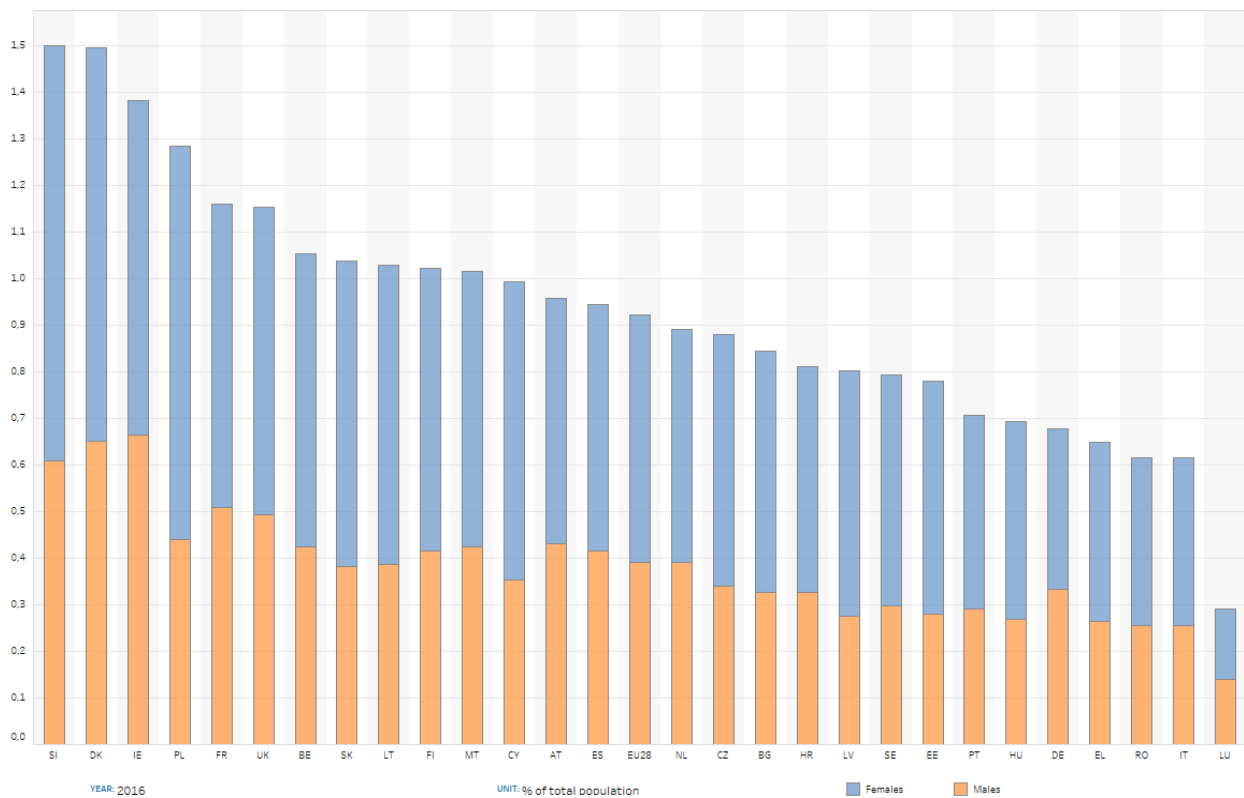
Numero totale di laureati in ISCED 5 e 6.

Data table

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
European Union								0.82	0.87	0.82	0.88	0.98	0.98	0.94			0.92
Austria	0.31	0.34	0.33	0.36	0.41	0.43	0.45	0.46	0.55	0.65	0.72	0.79	0.85	1.01	0.96	0.97	0.96
Belgium	0.67	0.68	0.71	0.72	0.75	0.78	0.79	1.00	0.93	0.94	0.97	0.98	1.02	0.97	0.99	1.00	1.05
Bulgaria	0.57	0.58	0.64	0.61	0.60	0.61	0.60	0.66	0.74	0.78	0.82	0.88	0.89	0.91	0.87	0.87	0.84
Croatia				0.39	0.44	0.46	0.49	0.53	0.64	0.75	0.82	0.93	0.96	0.87	0.83	0.86	0.81
Cyprus	0.41	0.41	0.44	0.45	0.49	0.50	0.52	0.59	0.55	0.57	0.62	0.71	0.72	0.73	0.80	0.94	0.99
Czech Republic	0.37	0.43	0.40	0.46	0.55	0.60	0.70	0.78	0.88	0.95	0.99	1.04	1.05	0.95	1.00	0.93	0.88
Denmark	0.73	0.73	0.79	0.88	0.94	0.89	0.89	0.95	0.93	0.91	1.01	1.06	1.08	1.19	1.25	1.32	1.49
Estonia	0.55	0.61	0.65	0.72	0.76	0.88		0.95	0.86	0.87	0.87	0.91	0.88	0.82	0.77	0.80	0.78
Finland	0.69	0.70	0.73	0.77	0.77	0.79	0.79	0.83	1.11	0.84	0.94	0.94	0.98	0.97	0.99	1.04	1.02
France	0.84	0.87		0.95			1.03	1.00	0.99	0.99	1.04	1.07	1.12	1.11	1.13	1.13	1.16
Germany	0.37	0.36	0.36	0.37	0.42	0.45	0.46	0.49	0.52	0.60	0.63	0.69	0.72	0.62	0.65	0.67	0.68
Greece		0.36	0.40		0.45	0.56	0.60	0.57	0.62		0.60	0.60	0.61	0.60	0.62	0.61	0.65
Hungary	0.59	0.57	0.61	0.67	0.68	0.74	0.70	0.68	0.64	0.69	0.72	0.69	0.72	0.74	0.73	0.69	0.69
Ireland	1.11	1.20	1.15	1.36	1.40	1.47	1.43	1.38	1.37	1.31	1.32	1.33	1.34	1.33	1.40	1.44	1.38
Italy	0.35	0.38	0.44	0.52	0.62	0.68	0.71	0.71	0.70	0.38	0.36	0.67	0.66	0.61	0.62	0.61	0.62
Latvia	0.64	0.86	0.82	0.90	1.05	1.17	1.19	1.22	1.11	1.21	1.26	1.21	1.06	1.07	0.87	0.86	0.80
Lithuania	0.72	0.79	0.86	1.00	1.13	1.25	1.33	1.34	1.34	1.42	1.45	1.43	1.42	1.32	1.13	1.10	1.03
Luxembourg	0.16											0.29	0.26	0.30	0.34	0.28	0.29
Malta	0.52	0.48	0.52	0.54		0.68	0.66	0.68	0.69	0.70	0.74	0.82	0.83	0.90	0.91	0.90	1.02
Netherlands	0.48	0.51	0.53	0.55	0.61	0.67	0.74	0.61	0.58	0.59	0.60	0.86	0.93	0.82	0.84	0.88	0.89
Poland	0.90	1.13	1.20	1.25	1.29	1.33	1.34	1.41	1.48	1.52	1.65	1.71	1.69	1.57	1.47	1.36	1.28
Portugal	0.47	0.59	0.62	0.64	0.66	0.68	0.69	0.80	0.81	0.74	0.76	0.84	0.91	0.75	0.71	0.72	0.71
Romania	0.30	0.34	0.43	0.63	0.70	0.75	0.84	0.99	1.53	1.54	1.53	1.31	1.02	0.86	0.77	0.67	0.62
Slovakia	0.42	0.49	0.52	0.59	0.67	0.70	0.77	0.89	1.24	1.44	1.48	1.41	1.38	1.29	1.22	1.13	1.04
Slovenia	0.58	0.60	0.72	0.70	0.76	0.81	0.88	0.85	0.88	0.91	0.98	1.02	1.03	0.93	0.91	0.90	1.50
Spain	0.64	0.68	0.71	0.72	0.72	0.69	0.67	0.64	0.65	0.69	0.74	0.84	0.86	0.87	0.95	0.94	0.94
Sweden	0.48	0.48	0.51	0.55	0.63	0.67	0.70	0.70	0.69	0.67	0.68	0.76	0.76	0.76	0.77	0.80	0.79
United Kingdom	0.86	0.94	0.95	1.01	1.02	1.11	1.11	1.13	1.16	1.12	1.17	1.23	1.26	1.24	1.20		1.15

UNIT: % of total population

GENDER: Total



d. Imprenditorialità

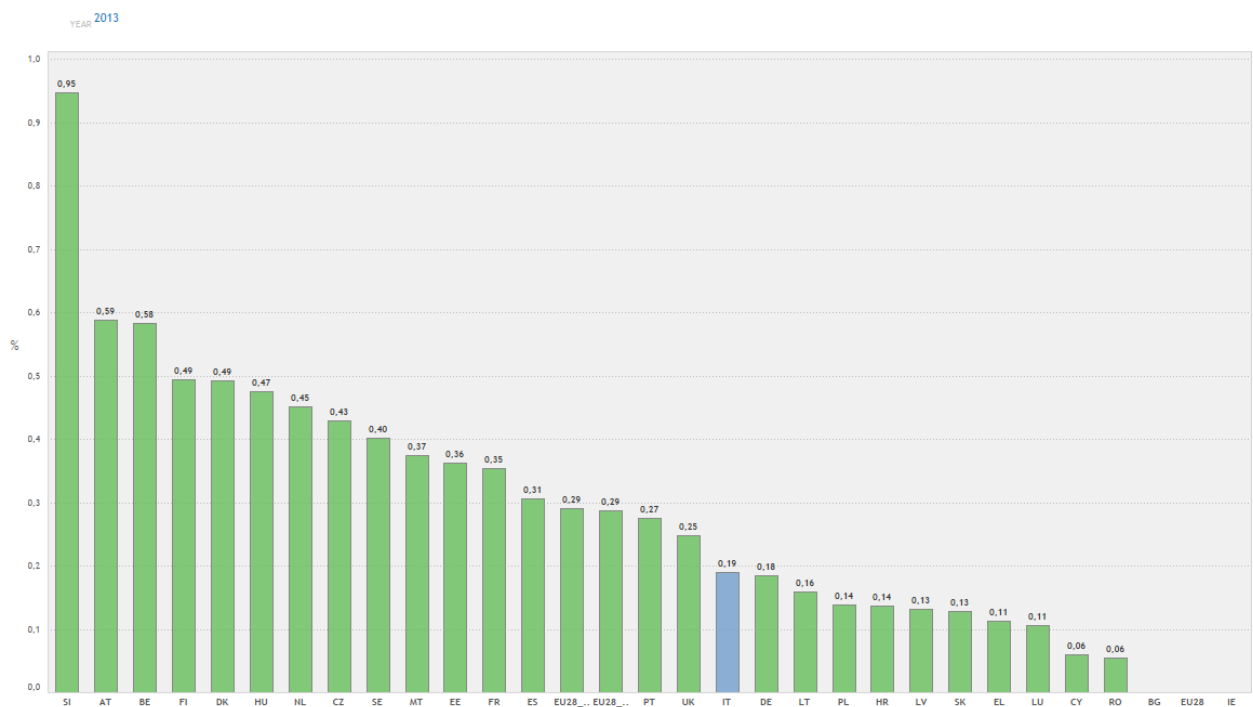
- Spesa delle imprese in Ricerca e Sviluppo effettuata dalle PMI in percentuale del PIL e della spesa totale delle imprese in Ricerca e Sviluppo.

Il PIL utilizzato da Eurostat per il calcolo delle intensità della Ricerca e Sviluppo è del 15 novembre 2015.

Data table

YEARS All	COUNTRIES All									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	
EU28	0,21	0,23								
EU not including Ireland	0,21	0,22	0,21				0,28	0,29	0,29	
EU not including Ireland and Greece	0,21	0,23	0,23	0,24	0,25	0,26	0,28	0,29	0,29	
Austria		0,47	0,48		0,51		0,58		0,59	
Belgium	0,49	0,45	0,47	0,44	0,45	0,49	0,50	0,57	0,58	
Bulgaria	0,04	0,06	0,07	0,09		0,26	0,26	0,33		
Croatia	0,08	0,08	0,17	0,16	0,15	0,14	0,14	0,14	0,14	
Cyprus	0,05	0,05	0,07	0,06	0,06	0,05	0,04	0,04	0,06	
Czech Republic	0,29	0,28	0,30	0,30	0,33	0,35	0,38	0,41	0,43	
Denmark	0,47		0,55		0,59		0,51		0,49	
Estonia	0,25	0,29	0,23	0,29	0,38	0,55	1,18	0,41	0,36	
Finland	0,48	0,50	0,48	0,50	0,50	0,50	0,51	0,51	0,49	
France	0,20	0,26	0,23	0,25	0,29	0,32	0,32	0,34	0,35	
Germany	0,17		0,18		0,20		0,21	0,21	0,18	
Greece	0,11		0,03				0,11		0,11	
Hungary	0,08	0,13	0,14	0,18	0,25	0,30	0,33	0,37	0,47	
Ireland	0,37	0,39								
Italy			0,13	0,13	0,14	0,15	0,15	0,16	0,19	
Latvia	0,17	0,24	0,09	0,08	0,11	0,13	0,11	0,11	0,13	
Lithuania	0,09	0,15	0,10	0,07	0,08	0,11	0,11	0,15	0,16	
Luxembourg	0,39		0,42		0,22		0,21		0,11	
Malta	0,15	0,14	0,16	0,20	0,18	0,27	0,31	0,33	0,37	
Netherlands	0,26		0,20	0,20	0,22	0,26	0,49	0,46	0,45	
Poland	0,05	0,06	0,06	0,07	0,05	0,06	0,08	0,12	0,14	
Portugal	0,10	0,17	0,22	0,27	0,27	0,23	0,26	0,27	0,27	
Romania	0,10	0,10	0,09	0,08	0,09	0,09	0,09	0,11	0,06	
Slovakia	0,13	0,12	0,10	0,08	0,06	0,11	0,11	0,13	0,13	
Slovenia	0,26	0,25	0,22	0,32	0,44	0,55	0,84	0,92	0,95	
Spain	0,27	0,32	0,37	0,39	0,36	0,35	0,33	0,32	0,31	
Sweden	0,53		0,45		0,44		0,39		0,40	
United Kingdom	0,19	0,19	0,19	0,19	0,19	0,21	0,24	0,28	0,25	

RIO Indicator: BERD performed by SMEs as % of GDP



RIO Indicator: BERD performed by SMEs as % of GDP Year: 2013

➤ **Imprese innovative come % delle imprese totali – per dimensione e tipologia di innovazione**

Basato su Community Innovation Survey data (CIS 2012).

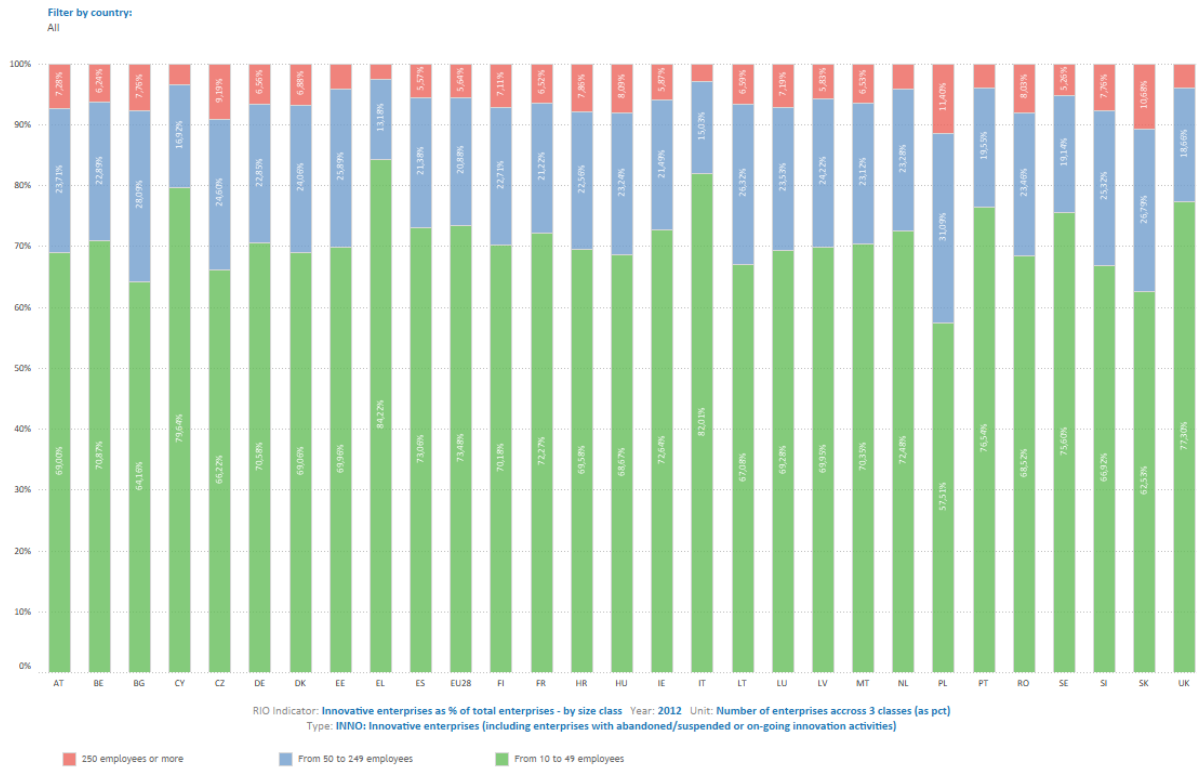
Data table

Filter by country: All Filter by type: All Filter by size class: Total Filter by type: All

	INNO		INMKT		INORG		INPCS		INPDT	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
European Union	384,033	49	190,664	24	216,265	28	168,069	21	186,011	24
Austria	8,952	54	4,857	30	5,995	36	4,724	29	4,375	27
Belgium	7,938	56	3,128	22	4,180	29	4,443	31	4,503	32
Bulgaria	3,920	27	2,023	14	1,766	12	1,327	9	1,545	11
Croatia	2,634	38	1,637	24	1,592	23	1,324	19	1,137	16
Cyprus	668	42	469	30	415	26	448	28	332	21
Czech Republic	9,765	44	4,986	22	4,555	21	5,334	24	5,627	25
Denmark	3,940	51	2,273	30	2,485	32	1,771	23	1,916	25
Estonia	1,660	48	762	22	755	22	828	24	720	21
Finland	4,513	53	2,276	27	2,548	30	2,511	29	2,655	31
France	37,924	53	18,014	25	24,259	34	17,103	24	17,174	24
Germany	90,395	67	46,422	34	43,500	32	34,413	26	48,378	36
Greece	7,839	52	5,513	37	4,532	30	3,834	26	2,924	20
Hungary	4,922	33	2,991	20	2,496	17	1,253	8	1,614	11
Ireland	4,005	59	2,437	36	1,489	22	1,764	26	1,893	28
Italy	65,481	56	36,185	31	39,027	34	35,497	30	33,989	29
Latvia	1,441	30	779	17	800	17	603	13	490	10
Lithuania	2,397	33	1,405	19	1,275	18	957	13	844	12
Luxembourg	1,070	66	525	32	757	47	530	33	491	30
Malta	398	51	254	33	270	35	206	26	186	24
Netherlands	12,966	51	5,865	23	6,885	27	6,547	26	8,062	32
Poland	12,506	23	5,740	11	5,642	10	5,964	11	5,094	9
Portugal	9,646	55	5,796	33	5,787	33	5,916	34	4,583	26
Romania	5,968	21	3,981	14	4,073	14	1,340	5	985	3
Slovakia	2,302	34	1,308	19	1,259	19	916	14	972	14
Slovenia	1,959	47	1,200	29	1,106	26	946	23	992	24
Spain	24,159	34	9,461	13	13,901	19	10,808	15	7,537	11
Sweden	10,042	56	5,456	30	4,548	25	4,290	24	5,647	32
United Kingdom	44,623	50	14,922	17	30,368	34	12,471	14	21,345	24

RIO Indicator: Innovative enterprises as % of total enterprises – by size class Year: 2012 Unit: Number & Percentage Size: Total

INNO: Innovative enterprises (including enterprises with abandoned/suspended or on-going innovation activities) - INMKT: Marketing innovative enterprises (regardless of any other type of innovation) - INORG: Organisation innovative enterprises (regardless of any other type of innovation) - INPCS: Process innovative enterprises (regardless of any other type of innovation) - INPDT: Product innovative enterprises (regardless of any other type of innovation)



e. Investimenti esteri diretti e commercio

➤ Esportazioni High-Tech

Data table

PARTNER Extra EU-28

	2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017	
	MIO EUR	% Total Export	MIO EUR	% Total Export	MIO EUR	% Total Export	MIO EUR	% Total Export	MIO EUR	% Total Export	MIO EUR	% Total Export	MIO EUR	% Total Export	MIO EUR	% Total Export	MIO EUR	% Total Export	MIO EUR	% Total Export	MIO EUR	% Total Export
Austria	4,567	14.6	4,812	14.7	4,366	16.4	5,203	16.3			6,473	16.7	6,643	16.8	7,120	17.6						
Belgium	6,495	8.7	6,604	8.9	7,578	11.7	8,967	10.8			12,813	12.3	12,146	11.5								
Bulgaria											321	3.8			387	4.7						
Croatia	267	7.5	275	7.3	261	8.8	258	7.4	250	6.5	406	10.1	342	9.4	366	9.6	333	8.4				
Cyprus	29	10.2	29	8.6	39	13.3	46	12.8	43	10.4	76	14.3	127	19.9	47	48						
Czech Republic	2,545	20	2,681	18.4	2,497	20.8	3,159	20.1	3,954	20.3	4,663	20.4	4,639	20.1	4,919	21						21
Denmark	3,775	16.8	3,912	16.4	4,113	18.9	3,136	12.6					4,103	13.5	4,319	14.2						14.9
Estonia	97	4.1	116	4.6	96	4.9	137	5			465	10.9	377	10.6	366	10.9	312	10.8				
Finland	6,197	21.9	5,387	18.7	2,863	14.3	2,829	11.8			2,538	9.6	2,089	8.3	2,313	9.7						9.2
France	35,399	25.2	38,665	25.6	33,871	26	40,393	26.2			25.4	47,804	26.3		26.7							29.3
Germany	51,479	15.3	50,876	14.2	47,778	15.9	57,711	15.3			14.8	73,086	15.5	74,880	16	76,622	16.1					17.2
Greece											354	2.3			277	2	344	2.9				
Hungary	5,311	39	5,665	37.9	4,398	37.3	5,872	37.8	6,951	38.1	5,285	29	4,461	24.9	3,213	19.3						
Ireland	9,433	29.1	9,424	29.7	8,971	27.8							7,693	20.5								
Italy	10,657	7.6	11,386	7.7	10,590	8.7	11,610	8.2			7.7	13,140	7.4	13,735	7.6	14,010	7.8					7.8
Latvia	133	8	132	6.1	113	6.4	125	5.3	322	10	271	6.8	254	7	277	8						
Lithuania	239	5.4	450	7.1	220	5.2	274	4.5			4	468	5.1	532	4.9	687	6.2					
Luxembourg	455	22.3	531	26.4	734	37.9	919	38.2	1,116	37.6	1,278	41.4	946	35.9	468	18.6						
Malta	708	50.7	637	45.1	511	41.6	656	41.2	769	41.5	821	40.7	662	43.9	495	44.9	451	35.3				
Netherlands	17,545	20	15,672	17.3	15,328	19.1	17,222	17.5			24,448	19.8	23,408	19	22,695	18.6						
Poland	917	4.3	1,303	5.1	1,393	7.1	1,779	7.1			6.4	2,789	8.1	3,281	8.5	3,513	9.4					10.5
Portugal	1,869	21.4	1,724	17.4	532	6.8	525	5.7			5.8	619	4.7	640	4.6	706	5					5.4
Romania	243	3	433	4.4	599	8.1	1,080	10.5	1,307	10.1	436	3.3	473	3.1	569	3.7						4.7
Slovakia	334	6.1	380	5.5	336	6.1	414	5.6			875	8.8	1,097	10	990	9.7						10.2
Slovenia	494	9.9	525	9.6	412	9.6	400	8.1			9.5	608	9.7	621	9.6	531	7.9	619	8.9			
Spain	2,713	5	3,181	5.5	3,037	6.2	3,235	5.4	4,039	5.5	4,459	5.3	6,105	6.9	5,978	6.8						
Sweden	9,035	18.9	9,817	19.8	7,866	20.2	10,161	19.8			19.1	9,063	15.7	8,675	16.3	8,615	16.7					17.2
United Kingdom	27,888	20.5	26,647	18.7	27,644	24.2	32,843	22.2			19.5	39,417	21.5	40,409	17.6	37,517	18.9					20.1
European Union		16.1		15.4		17.1		16.1		15.4				15.3								17

RIO Indicator: High-tech exports

