

# Education and research

## > Education

### Secondary schools facilities for 2003-2004 school academic year

	Middle Schools		High Schools *		Vocational High Schools		TOTAL	
	Public	Private	Public	Private	Public	Private	Public	Private
Créteil District	344	76	126	54	41	18	511	148
Paris District	109	70	73	97	34	21	216	188
Versailles District	403	108	142	74	52	24	597	206
<b>Île-de-France</b>	<b>856</b>	<b>254</b>	<b>341</b>	<b>225</b>	<b>127</b>	<b>63</b>	<b>1 324</b>	<b>542</b>
Île-de-France / France	16,3 %	13,8 %	21,9 %	20,7 %	11,6 %	9,6 %	16,7 %	15,1 %

\* General and technological High Schools

Source : Ministry of Education, Research and Technology

### Population of Secondary Schools for 2003-2004 school academic year

	Middle Schools		High Schools *		Vocational High Schools		TOTAL	
	Public	Private	Public	Private	Public	Private	Public	Private
Créteil District	194 271	29 183	125 743	17 491	19 569	3 111	339 583	49 785
Paris District	58 547	27 290	60 934	31 003	9 788	3 108	129 269	61 401
Versailles District	248 219	48 937	156 373	27 752	24 136	4 284	428 728	80 973
<b>Île-de-France</b>	<b>501 037</b>	<b>105 410</b>	<b>343 050</b>	<b>76 246</b>	<b>53 493</b>	<b>10 503</b>	<b>897 580</b>	<b>192 159</b>
Île-de-France / France	18,6 %	15,9 %	21,8 %	18,2 %	11,6 %	8,5 %	19,0 %	15,9 %

\* General and technological High Schools

Source : Ministry of Education, Research and Technology

### Number of Higher education students for the 2003-2004 school academic year

	Universities	Colleges of engineering	Preparatory classes to the "grandes écoles"	High level technicians sections
Créteil District	83 602	2 784	2 505	11 602
Paris District	190 353	12 862	13 607	14 688
Versailles District	90 897	10 699	6 731	12 608
<b>Île-de-France</b>	<b>364 852</b>	<b>26 345</b>	<b>22 843</b>	<b>38 898</b>
Île-de-France / France	26,0 %	26,9 %	31,9 %	18,7 %

Source : Ministry of Education, Research and Technology

## Rate of Success to the “baccalauréat” per series in june 2004 (in %)

Series	Créteil	Paris	Versailles	Île-de-France
Literary	77,2	78,9	81,0	79,2
Economics and Social Sciences	74,8	80,2	82,1	79,4
Scientific	76,1	83,7	84,0	81,5
<b>Total general series</b>	<b>75,9</b>	<b>81,6</b>	<b>82,9</b>	<b>80,4</b>
Sciences and industrial technologies and sciences laboratory technologies	74,8	72,2	77,7	75,8
Sciences and tertiary technologies	64,0	66,4	67,6	66,0
Medico-social sciences	63,8	69,9	74,9	68,7
Hotel industry	85,9	81,9	86,3	84,2
Agricultural series (STAE * and STPA **)	79,2	-	90,3	84,2
Music and Danse techniques	71,4	84,0	80,0	80,3
<b>All technology series</b>	<b>66,5</b>	<b>69,0</b>	<b>71,0</b>	<b>68,9</b>

\* STAE : sciences et techniques agricoles et environnementales (agricultural and environmental sciences and techniques)

\*\* STPA : sciences et techniques de l'agronomie et de l'environnement (Agronomy and environment sciences and techniques)

Source : Ministry of Education, Research and Technology

## > Research

### Manpower remunerated in Public Research

	Île-de-France	France	Weight of the Île-de-France
<b>2001</b>			
Researchers	24 703	70 715	34,9 %
Grant Holders	6 310	18 178	34,7 %
Others	20 432	59 156	34,5 %
<b>Total</b>	<b>51 445</b>	<b>148 049</b>	<b>34,7 %</b>
<b>2002</b>			
Researchers	25 246	72 595	34,8 %
Grant Holders	6 559	18 532	35,4 %
Others	21 398	61 275	34,9 %
<b>Total</b>	<b>53 203</b>	<b>152 402</b>	<b>34,9 %</b>

Source : Ministry of education, Research and Technology / DEP / Bureau for Statistics on Research

## Potential of research and development of enterprises in 2001

Economic activities	Researchers		Total staff		Internal expenses	
	Full time equivalent	in %	Full time equivalent	in %	Millions euros	in %
Agriculture, forestry, fishing	383	0,9	730	0,9	86	0,9
Manufacture of agricultural and food products	482	1,1	970	1,2	184	1,8
Energy and extraction of energy products	2 332	5,3	3 982	4,9	552	5,5
Other extractions and metal industry (1)	90	0,2	187	0,2	18	0,2
Textile industry, clothing, leather and footwear	34	0,1	102	0,1	9	0,1
Wood, paper, box, publishing, printing	33	0,1	61	0,1	8	0,1
Miscellaneous manufacturing industries	s	s	s	s	s	s
Chemical industry (2)	1 487	3,4	4 049	4,9	478	4,7
Pharmaceutical industry (3)	4 895	11,2	10 186	12,4	1 460	14,5
Rubber and plastics	154	0,4	312	0,4	34	0,3
Glass manufacture and glass goods	209	0,5	476	0,6	61	0,6
Manufacture of building materials	76	0,2	179	0,2	13	0,1
Manufacture of metal	166	0,4	330	0,4	30	0,3
Manufacture of machinery and equipments (4)	1 194	2,7	3 098	3,8	316	3,1
Manufacture of office machinery and computers	867	2,0	1 312	1,6	175	1,7
Manufacture of electrics machinery and devices	869	2,0	2 082	2,5	195	1,9
Manufacture of radio, television, and communication equipments (5)	6 294	14,4	9 324	11,4	1 000	9,9
Manufacture of medical, precision, optics and watch-making instruments	4 829	11,0	7 376	9,0	860	8,5
Car industry	8 008	18,3	19 027	23,2	2 031	20,1
Building of ships and land transport equipment (6)	s	s	s	s	s	s
Manufacture of aircraft and spacecraft	2 883	6,6	5 805	7,1	1 000	9,9
Building industry and civil engineering	343	0,8	542	0,7	70	0,7
Services of transport and communication	2 223	5,1	4 171	5,1	810	8,0
Computer services	4 687	10,7	5 593	6,8	477	4,7
Engineering, studies and technical supervision	1 121	2,6	1 570	1,9	133	1,3
<b>Total companies</b>	<b>43 810</b>	<b>100,0</b>	<b>82 027</b>	<b>100,0</b>	<b>10 085</b>	<b>100,0</b>

s = Statistical secret

Because they are rounded, some totals can present a difference.

(1) Including iron industry, foundry and first transformation of non-ferrous metals

(2) Including artificial and synthetic fibers

(3) Including manufacture of the active principles

(4) Including armament and domestic devices

(5) Including electronic components

(6) except motorcar

Source : Ministry of Education, Research and Technology

## The main scientific european regions in 2001



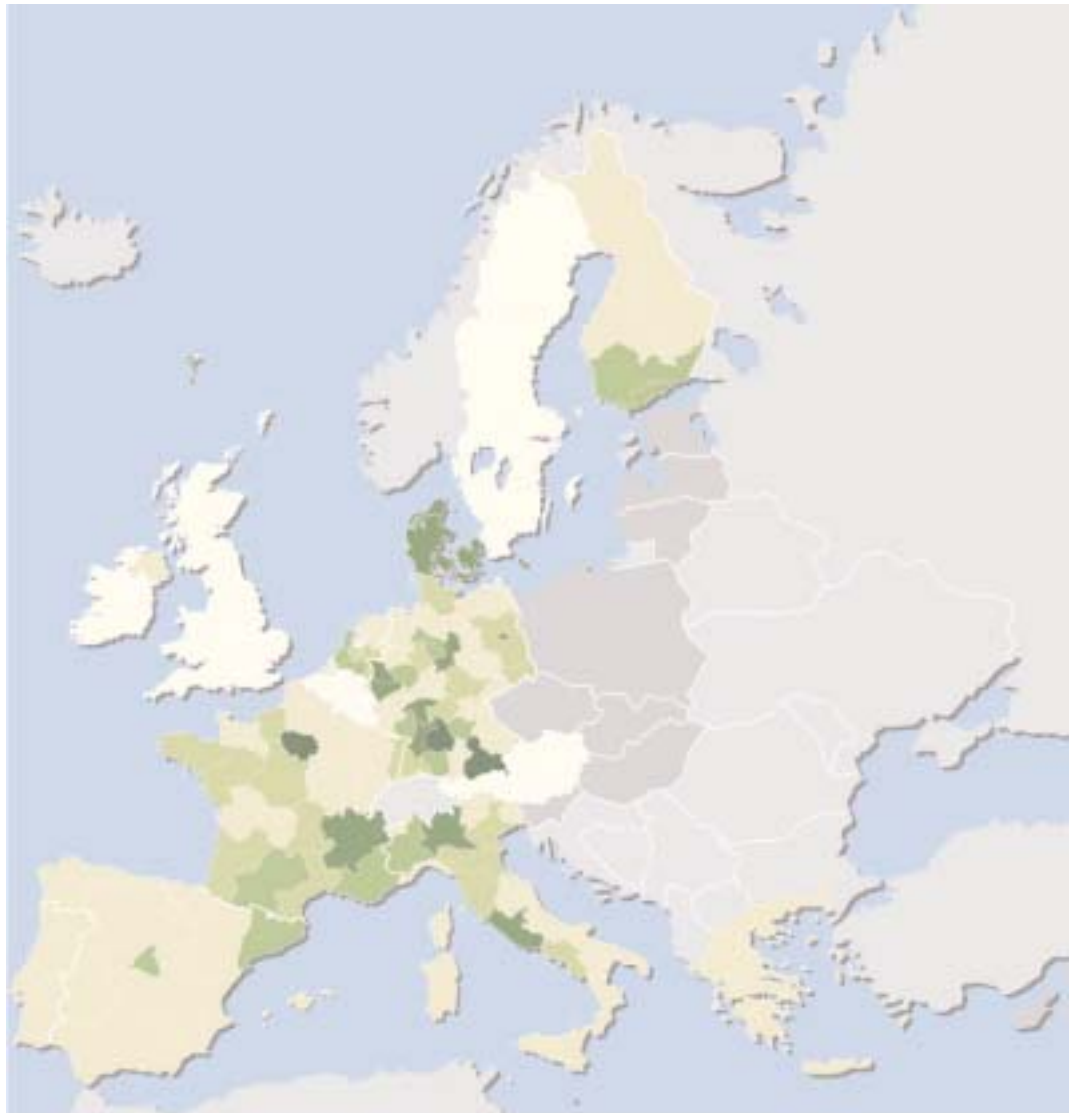
European share of the scientific publications (in%)



new member states  
country out of EU



## Expenditure for Research and Development of the European regions in 1999



Expenditure for R&D (in million Euros)

1 - 500

2 001 - 5 000

new member States

N

501 - 1 000

> 5 000

country out of EU

0 900 km

1 001 - 2 000

data not available

Source: Eurostat - within 2003, preliminary data

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