

Main Science and Technology Indicators
2009-1
Principaux indicateurs de la science et de la technologie

Key Figures
Chiffres clés

	Gross Domestic Expenditure on R&D -- 2008-- Dépenses intérieures brutes de R-D						Total Researchers -- 2007 ¹ -- Total	
	million current PPP\$ --- millions \$ PPA courantes	% financed by ---		% performed by ---			Full time equivalent --- équivalence plein temps	
		% financées par ---		% exécutées par ---				
		Industry ---	Government ---	Industry ---	Higher Education ---	Government ---		
	l'industrie ---	l'État ---	l'industrie ---	l'ens. supérieur ---	l'État ---			
Australia	14 914.4	57.2	38.4	57.3	25.7	14.1	87 270	Australie
Austria	8 530.1 ^c	48.6 ^c	35.5 ^c	70.4 ^c	24.1 ^c	5.2 ^c	31 352 ^c	Autriche
Belgium	7 028.3 ^p	59.7	24.7	69.2 ^p	21.8 ^p	8.3 ^p	35 937 ^p	Belgique
Canada	23 781.0 ^p	49.5 ^p	31.3 ^{cp}	56.1 ^p	33.8 ^p	9.6 ^p	134 300 ^{cp}	Canada
Czech Republic	3 813.8	54.0	41.2	63.8	16.9	18.9	27 878	République tchèque
Denmark	5 008.4 ^c	59.5	27.6	64.9 ^c	27.5 ^c	7.0 ^c	29 572 ^c	Danemark
Finland	6 519.7 ^c	68.2	24.1	72.3 ^c	19.0 ^c	8.7 ^{aco}	39 000	Finlande
France	43 232.6 ^p	52.4 ^p	38.4 ^p	63.2 ^p	19.2 ^p	16.5 ^p	211 129	France
Germany	71 860.8 ^c	68.1	27.8	69.9 ^c	16.2 ^c	13.9 ^{co}	284 305 ^c	Allemagne
Greece	1 828.4 ^c	31.1	46.8	26.9 ^c	50.4 ^c	21.4 ^c	20 817 ^c	Grèce
Hungary	1 822.9	43.9	44.4	50.3 ^v	23.3 ^v	24.2 ^v	17 391	Hongrie
Iceland	318.2 ^p	50.3 ^p	38.8 ^p	54.6	25.1	17.8	2 308 ^p	Islande
Ireland	2 855.1 ^c	59.3	30.1	67.0 ^c	26.0 ^c	7.0 ^c	12 169 ^p	Irlande
Italy	19 678.1	40.4	48.3	48.8	30.3	17.2	88 430	Italie
Japan	147 800.8	77.7	15.6 ^e	77.9	12.6	7.8	709 974	Japon
Korea	41 741.6 ^a	73.7 ^a	24.8 ^a	76.2 ^a	10.7 ^a	11.7 ^a	221 928 ^a	Corée
Luxembourg	624.0 ^p	79.7	16.6	83.8 ^p	3.0 ^p	13.3 ^p	2 174 ^p	Luxembourg
Mexico	5 919.0	46.5	45.3	49.5	27.4	22.1	48 401	Mexique
Netherlands	10 949.8 ^p	51.1	36.2	60.4 ^p	26.5 ^{cp}	13.0 ^{op}	44 116 ^p	Pays-Bas
New Zealand	1 383.7	40.1	42.7	42.7	30.0	27.3	18 300	Nouvelle-Zélande
Norway	4 133.0	45.3	44.9	53.3	31.3 ^a	15.3 ^a	24 769	Norvège
Poland	3 482.3	34.3	58.6	30.4	33.9	35.4	61 395	Pologne
Portugal	2 849.7 ^p	36.3	55.2	51.5 ^p	29.9 ^p	9.1 ^p	27 986 ^p	Portugal
Slovak Republic	497.9	35.6	53.9 ^m	39.6	25.0	35.4 ^d	12 354	République slovaque
Spain	18 000.3	47.1	42.5	55.9	26.4	17.6	122 624	Espagne
Sweden	12 076.3 ^p	63.9 ^a	24.4 ^a	73.8 ^p	21.3 ^p	4.8 ^p	47 762 ^{amp}	Suède
Switzerland	7 474.3	69.7	22.7	73.7	22.9	1.1 ^h	25 400	Suisse
Turkey	6 830.0	48.4	47.1	41.3	48.2	10.6	49 668	Turquie
United Kingdom	38 892.8 ^p	47.2 ^p	29.3 ^p	64.1 ^p	24.5 ^p	9.2 ^{cp}	175 476 ^c	Royaume-Uni
United States	368 799.0 ^{jp}	66.4 ^{jp}	27.7 ^{jp}	71.9 ^{jp}	13.3 ^{jp}	10.7 ^{hjp}	1 425 550 ^b	États-Unis
EU-27	262 985.0 ^b	55.0 ^b	34.1 ^b	63.4 ^{bp}	21.8 ^{bp}	13.7 ^{bp}	1 360 332 ^{bp}	UE-27
Total OECD	886 347.1 ^b	63.8 ^b	28.6 ^b	69.6 ^{bp}	16.8 ^{bp}	11.1 ^{bp}	3 997 466 ^b	Total OCDE

Non-Member Economies

Économies non-membres

Argentina	2 656.2	29.3	67.5	30.3	28.8	38.9	38 681	Argentine
China	102 331.0	70.4 ^v	24.6 ^v	72.3	8.5	19.2	1 423 381 ^t	Chine
Israel	8 845.8 ^{dp}	75.4 ^{dp}	17.8 ^{dp}	78.7 ^{dp}	12.6 ^{gp}	5.1 ^{dp}	..	Israël
Romania	1 433.9	26.9	67.1	41.6	24.1	33.9	18 808	Roumanie
Russian Federation	23 482.0	29.4	62.6	64.2	6.3	29.1	469 076	Fédération de Russie
Singapore	5 945.5	59.8	34.9	66.8	21.0	12.2	27 301	Singapour
Slovenia	828.3 ^p	60.3 ^p	33.8 ^p	61.3 ^p	15.4 ^p	23.2 ^p	6 450 ^p	Slovénie
South Africa	3 654.3	43.9	38.2	58.3	19.3	20.8	17 303	Afrique du Sud
Chinese Taipei	18 324.8	68.8	29.9	69.1	12.2	18.3	103 455	Taipei chinois

Note: See tables 1, 7, 13, 14, 17, 18 and 19 for details on reference years.

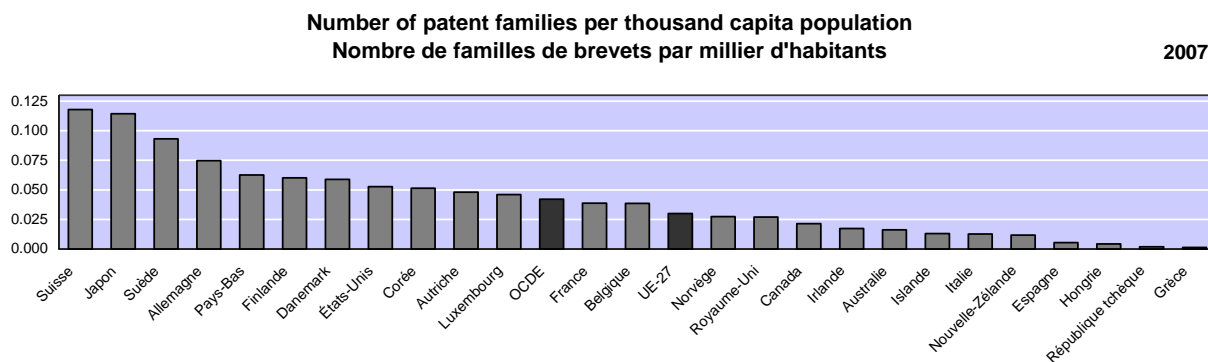
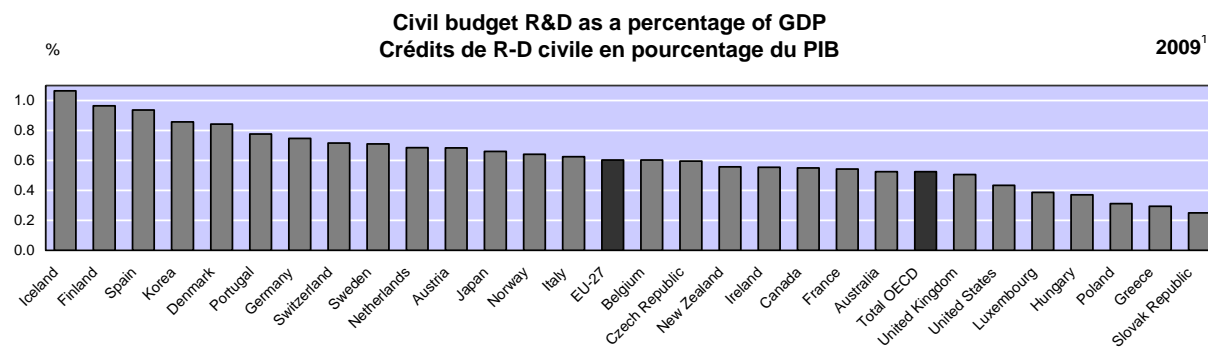
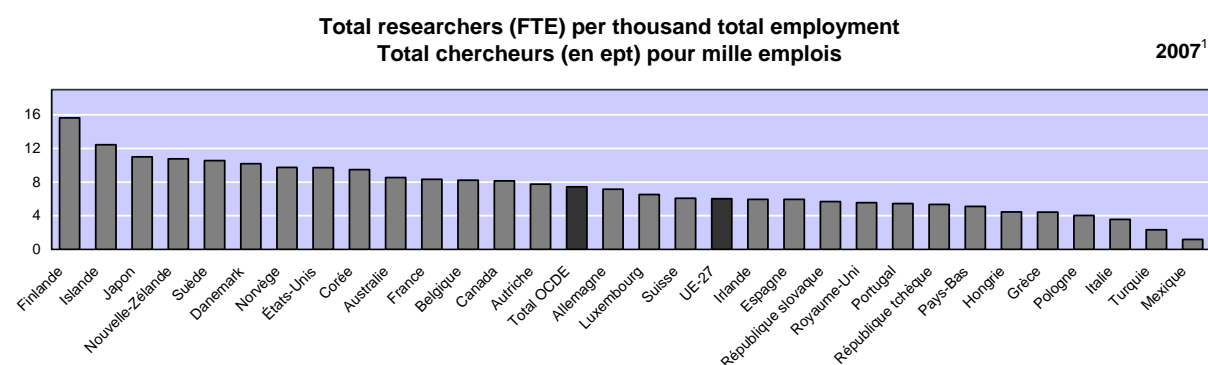
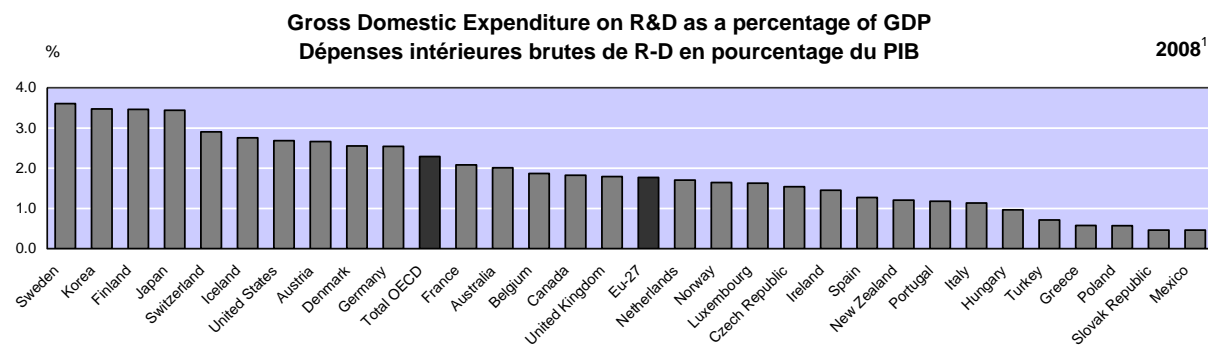
Source: OECD, Main Science and Technology Indicators database, May 2009.

Note: Pour plus de détails sur les années de référence, voir les tableaux 1, 7, 13, 14, 17, 18 et 19.

Source: OCDE, base de données sur les Principaux indicateurs de la science et de la technologie, mai 2009.

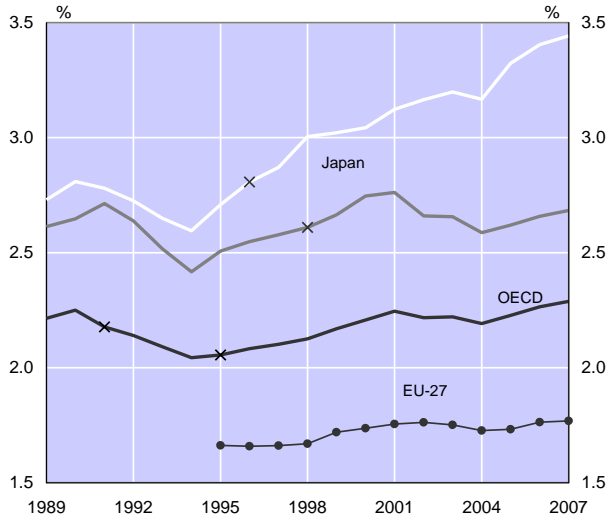
Key Figures

Chiffres clés

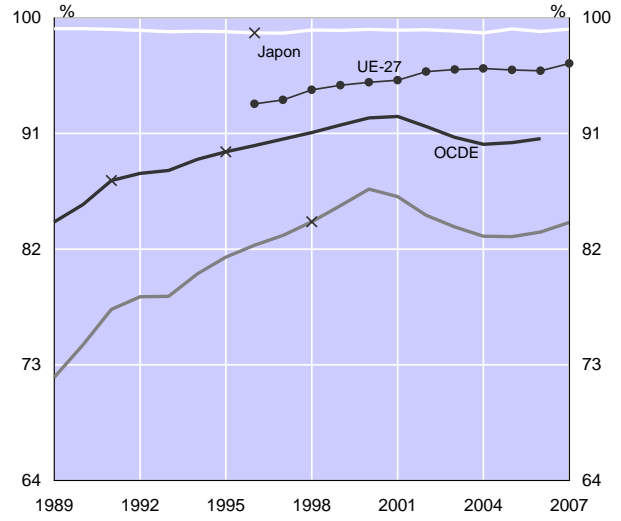


1. or latest year.
 1. ou dernière année disponible.

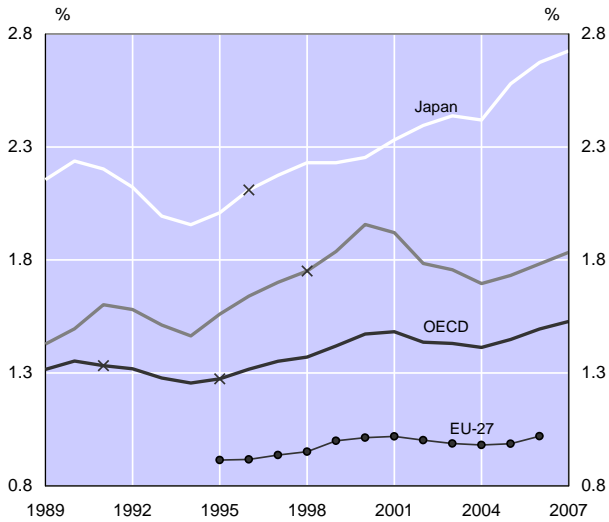
GERD as a percentage of GDP
DIRD en pourcentage du PIB



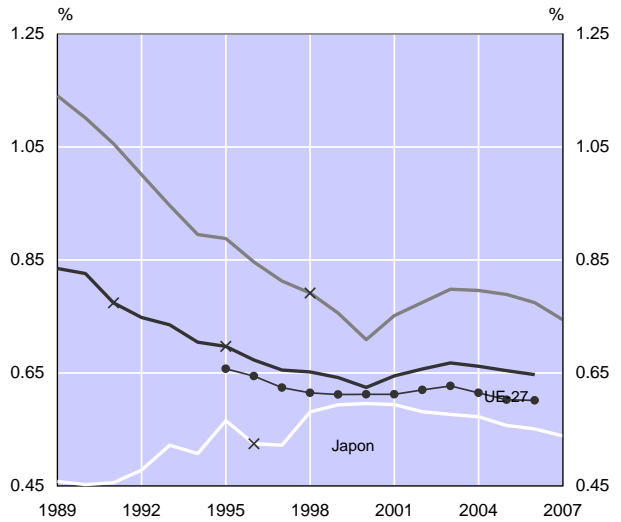
Estimated civil GERD as a percentage of GERD
DIRD civile estimée en pourcentage de la DIRD



Industry-financed GERD as a percentage of GDP
DIRD financée par les entreprises en pourcentage du PIB



Government-financed GERD as a percentage of GDP
DIRD financée par l'État en pourcentage du PIB

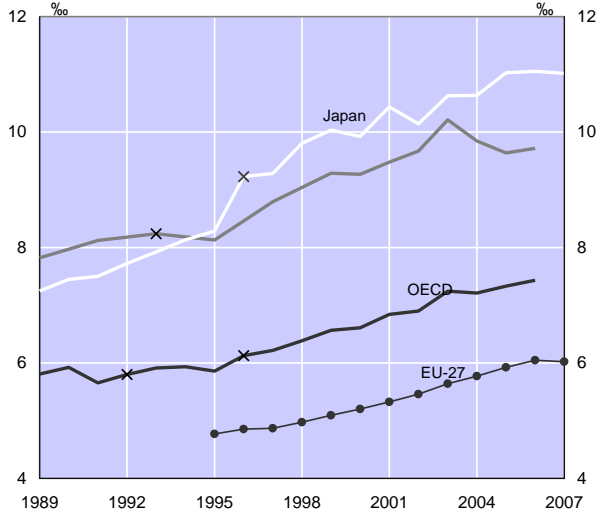


x Break in series.

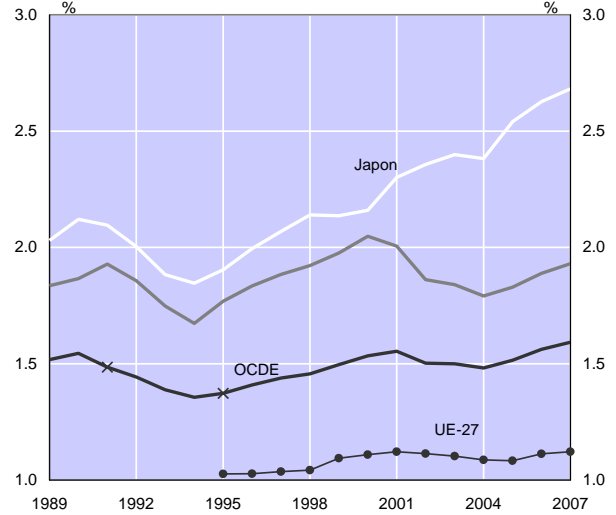
x Discontinuité dans la série.

Source : OECD, Main Science and Technology Indicators Sources OCDE, Principaux indicateurs de la science et de la technologie, mai 2009.

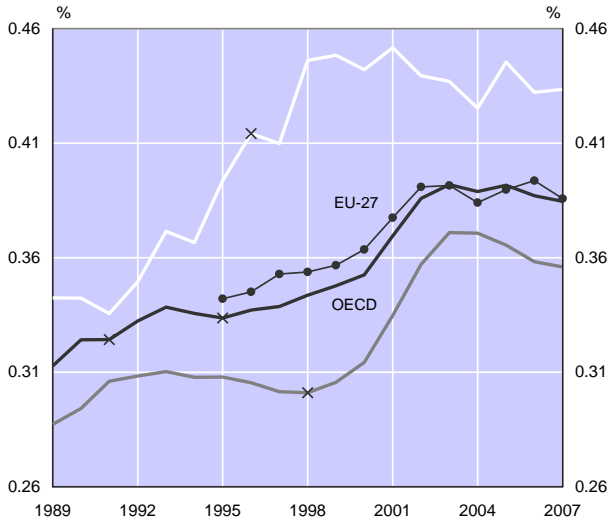
Total researchers (FTE) per thousand total employment
Total chercheurs (en ept) pour mille emplois



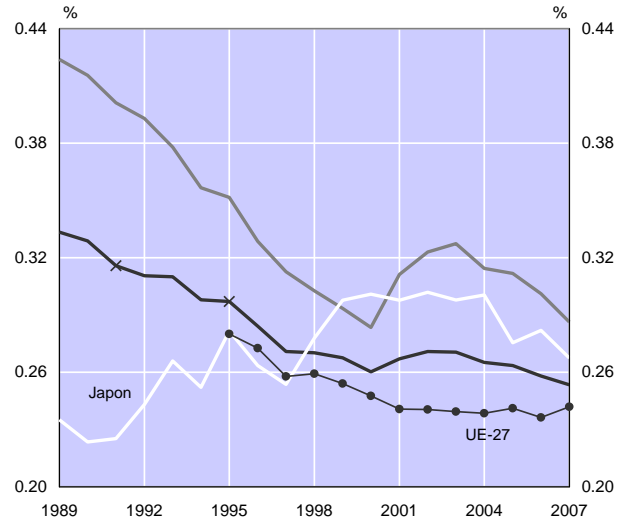
BERD as a percentage of GDP
DIRDE en pourcentage du PIB



HERD as a percentage of GDP
DIRDES en pourcentage du PIB



GOVERD as a percentage of GDP
DIRDET en pourcentage du PIB



x Break in series.

x Discontinuité dans la série.

Source : OECD, Main Science and Technology Indicators 2009. Source : OCDE, Principaux indicateurs de la science et de la technologie, mai 2009.