

Appendix table 4-45

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## International R&amp;D expenditures for selected countries, by performing sector and source of funds: 2000 or 2001

Country and R&D performer	Source of R&D funds						Percent distribution, performers
	Total	Industry	Government	Higher education	Private nonprofit	Abroad	
Billions of yen							
Japan (2000) .....	15,304	11,083	2,997	1,049	111	64	100.0
Industry .....	10,860	10,606	184	—	8	62	71.0
Government .....	1,514	15	1,498	—	—	—	9.9
Higher education .....	2,224	56	1,115	1,048	4	1	14.5
Private nonprofit .....	707	407	199	—	99	2	4.6
Percent distribution, sources.....	100.0	72.4	19.6	6.9	0.7	0.4	na
Millions of euros							
Germany (2001).....	51,539	34,011	16,250	0	212	1,066	100.0
Industry .....	36,350	32,924	2,570	—	74	781	70.5
Government.....	6,923	152	6,492	—	138	142	13.4
Higher education .....	8,266	935	7,188	—	—	143	16.0
Private nonprofit .....	—	—	—	—	—	—	0.0
Percent distribution, sources.....	100.0	66.0	31.5	0.0	0.4	2.1	na
France (2000) .....	30,954	16,255	11,967	237	270	2,224	100.00
Industry .....	19,348	15,671	1,918	4	6	1,749	62.50
Government.....	5,361	359	4,673	10	9	311	17.30
Higher education .....	5,804	157	5,311	199	17	120	18.80
Private nonprofit .....	439	69	65	24	239	44	1.40
Percent distribution, sources.....	100.0	52.5	38.7	0.8	0.9	7.2	na
Italy (2000) .....	12,460	—	—	—	—	—	100.0
Industry .....	6,239	5,023	686	5	16	510	50.1
Government.....	2,356	40	2,199	3	25	91	18.9
Higher education .....	3,865	—	—	—	—	—	31.0
Private nonprofit .....	0	—	—	—	—	—	0.0
Percent distribution, sources.....	100.0	—	—	—	—	—	na
Millions of pounds							
United Kingdom (2000) .....	17,544	8,648	5,069	158	815	2,854	100.00
Industry .....	11,510	8,023	1,014	—	3	2,470	65.60
Government.....	2,134	322	1,656	9	69	80	12.20
Higher education .....	3,645	259	2,358	147	598	283	20.80
Private nonprofit .....	255	44	42	2	146	21	1.50
Percent distribution, sources.....	100.0	49.3	28.9	0.9	4.6	16.3	na
Millions of Canadian dollars							
Canada (2001) .....	20,828	8,726	6,513	1,386	489	3,714	100.0
Industry .....	11,973	8,030	291	—	—	3,652	57.5
Government.....	2,474	75	2,393	—	—	6	11.9
Higher education .....	6,313	609	3,803	1,386	460	55	30.3
Private nonprofit .....	68	12	26	—	29	1	0.3
Percent distribution, sources.....	100.0	41.9	31.3	6.7	2.3	17.8	na

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Country and R&D performer	Source of R&D funds						Percent distribution, performers
	Total	Industry	Government	Higher education	Private nonprofit	Abroad	
Billions of rubles							
Russian Federation (2001) .....	105,261	35,394	60,229	360	206	9,072	100.0
Industry .....	73,976	30,729	36,275	46	149	6,777	70.3
Government .....	25,580	3,167	20,398	17	8	1991	24.3
Higher education .....	5,488	1,454	3,444	297	8	285	5.2
Private nonprofit .....	217	44	112	—	40	20	0.2
Percent distribution, sources.....	100.0	33.6	57.2	0.3	0.2	8.6	na
Billions of won							
Korea (2001) .....	16,111	11,673	4,023	278	61	76	100.0
Industry .....	12,274	11,196	989	3	17	69	76.2
Government .....	1,991	160	1,819	1	9	2	12.4
Higher education .....	1,677	239	1,148	273	12	5	10.4
Private nonprofit .....	169	78	67	—	24	—	1.0
Percent distribution, sources.....	100.0	72.5	25.0	1.7	0.4	0.5	na
Millions of U.S. dollars							
United States (2001) .....	273,565	184,978	75,012	6,819	6,756	—	100.0
Industry .....	198,505	181,606	16,899	—	—	—	72.6
Government .....	31,099	—	31,099	—	—	—	11.4
Higher education .....	33,295	2,263	21,707	6,819	2,507	—	12.2
Private nonprofit .....	10,667	1110	5,309	—	4,248	—	3.9
Percent distribution, sources.....	100.0	67.6	27.4	2.5	2.5	—	na

— assumed negligible or not available

na not applicable

SOURCES: Organisation for Economic Co-operation and Development, special tabulations (Paris, 2003); and National Science Foundation, Division of Science Resources Statistics, *National Patterns of R&D Resources* (Arlington, VA, annual series).