

Fifth Annual BSA and IDC Global Software Piracy Study, May 2008

GLOBAL PC SOFTWARE PIRACY Study

Country	PIRACY RATES					PIRACY LOSSES				
	2007	2006	2005	2004	2003	2007 \$M	2006 \$M	2005 \$M	2004 \$M	2003 \$M
Australia	28%	29%	31%	32%	31%	\$ 492	\$ 515	\$ 361	\$ 409	\$ 341
Bangladesh	92%	92%				\$ 92	\$ 90			
China	82%	82%	86%	90%	92%	\$ 6,664	\$ 5,429	\$ 3,884	\$ 3,565	\$ 3,823
Hong Kong	51%	53%	54%	52%	52%	\$ 224	\$ 180	\$ 112	\$ 116	\$ 102
India	69%	71%	72%	74%	73%	\$ 2,025	\$ 1,275	\$ 566	\$ 519	\$ 367
Indonesia	84%	85%	87%	87%	88%	\$ 411	\$ 350	\$ 280	\$ 183	\$ 158
Japan	23%	25%	28%	28%	29%	\$ 1,791	\$ 1,781	\$ 1,621	\$ 1,787	\$ 1,633
Malaysia	59%	60%	60%	61%	63%	\$ 311	\$ 289	\$ 149	\$ 134	\$ 129
New Zealand	22%	22%	23%	23%	23%	\$ 55	\$ 49	\$ 30	\$ 25	\$ 21
Pakistan	84%	86%	86%	82%	83%	\$ 125	\$ 143	\$ 48	\$ 26	\$ 16
Philippines	69%	71%	71%	71%	72%	\$ 147	\$ 119	\$ 76	\$ 69	\$ 55
Singapore	37%	39%	40%	42%	43%	\$ 159	\$ 125	\$ 86	\$ 96	\$ 90
South Korea	43%	45%	46%	46%	48%	\$ 549	\$ 440	\$ 400	\$ 506	\$ 462
Sri Lanka	90%	90%				\$ 93	\$ 86			
Taiwan	40%	41%	43%	43%	43%	\$ 215	\$ 182	\$ 111	\$ 161	\$ 139
Thailand	78%	80%	80%	79%	80%	\$ 468	\$ 421	\$ 259	\$ 183	\$ 141
Vietnam	85%	88%	90%	92%	92%	\$ 200	\$ 96	\$ 38	\$ 55	\$ 41
Other AP	91%	86%	82%	76%	76%	\$ 69	\$ 148	\$ 29	\$ 63	\$ 37
TOTAL AP	59%	55%	54%	53%	53%	\$ 14,090	\$ 11,718	\$ 8,050	\$ 7,897	\$ 7,555
Albania	78%	77%	76%	77%		\$ 11	\$ 11	\$ 9	\$ 7	
Armenia	93%	95%	95%			\$ 8	\$ 8	\$ 7		
Azerbaijan	92%	94%	94%			\$ 50	\$ 51	\$ 40		
Bosnia	68%	68%	69%	70%		\$ 13	\$ 14	\$ 13	\$ 12	
Bulgaria	68%	69%	71%	71%	71%	\$ 63	\$ 50	\$ 41	\$ 33	\$ 26
Croatia	54%	55%	57%	58%	59%	\$ 68	\$ 62	\$ 51	\$ 50	\$ 45
Czech Republic	39%	39%	40%	41%	40%	\$ 161	\$ 147	\$ 121	\$ 132	\$ 106
Estonia	51%	52%	54%	55%	54%	\$ 20	\$ 16	\$ 18	\$ 17	\$ 14
Hungary	42%	42%	42%	44%	42%	\$ 125	\$ 111	\$ 106	\$ 126	\$ 96
Kazakhstan	79%	81%	85%	85%	85%	\$ 110	\$ 85	\$ 69	\$ 57	
Latvia	56%	56%	57%	58%	57%	\$ 29	\$ 26	\$ 20	\$ 19	\$ 16
Lithuania	56%	57%	57%	58%		\$ 37	\$ 31	\$ 25	\$ 21	\$ 17
Macedonia	68%	69%	70%	72%		\$ 11	\$ 10	\$ 9	\$ 8	
Moldova	92%	94%	96%			\$ 43	\$ 56	\$ 44		
Montenegro	83%	82%	83%	83%		\$ 7	\$ 6	\$ 9	\$ 8	
Poland	57%	57%	58%	59%	58%	\$ 580	\$ 484	\$ 388	\$ 379	\$ 301
Romania	68%	69%	72%	74%	73%	\$ 151	\$ 114	\$ 111	\$ 62	\$ 49
Russia	73%	80%	83%	87%	87%	\$ 4,123	\$ 2,197	\$ 1,625	\$ 1,362	\$ 1,104
Serbia	76%	78%	80%	80%		\$ 72	\$ 59	\$ 95	\$ 85	
Slovakia	45%	45%	47%	48%	50%	\$ 54	\$ 47	\$ 44	\$ 48	\$ 40
Slovenia	48%	48%	50%	51%	52%	\$ 39	\$ 36	\$ 33	\$ 37	\$ 32
Ukraine	83%	84%	85%	91%	91%	\$ 403	\$ 337	\$ 239	\$ 107	\$ 92
Rest of CEE	88%	90%	92%	88%	83%	\$ 173	\$ 166	\$ 145	\$ 112	\$ 173
TOTAL CEE	68%	68%	69%	71%	71%	\$ 6,351	\$ 4,124	\$ 3,262	\$ 2,682	\$ 2,111
Argentina	74%	75%	77%	75%	71%	\$ 370	\$ 303	\$ 182	\$ 108	\$ 69
Bolivia	82%	82%	83%	80%	78%	\$ 19	\$ 15	\$ 10	\$ 9	\$ 11
Brazil	59%	60%	64%	64%	61%	\$ 1,617	\$ 1,148	\$ 766	\$ 659	\$ 519
Chile	66%	68%	66%	64%	63%	\$ 187	\$ 163	\$ 109	\$ 87	\$ 68
Colombia	58%	59%	57%	55%	53%	\$ 127	\$ 111	\$ 90	\$ 81	\$ 61
Costa Rica	61%	64%	66%	67%	68%	\$ 22	\$ 27	\$ 19	\$ 16	\$ 17
Dominican Republi	79%	79%	77%	77%	76%	\$ 39	\$ 19	\$ 8	\$ 4	\$ 5
Ecuador	66%	67%	69%	70%	68%	\$ 33	\$ 30	\$ 17	\$ 13	\$ 11
El Salvador	81%	82%	81%	80%	79%	\$ 28	\$ 18	\$ 8	\$ 5	\$ 4
Guatemala	80%	81%	81%	78%	77%	\$ 41	\$ 26	\$ 14	\$ 10	\$ 9
Honduras	74%	75%	75%	75%	73%	\$ 8	\$ 7	\$ 4	\$ 3	\$ 3
Mexico	61%	63%	65%	65%	63%	\$ 836	\$ 748	\$ 525	\$ 407	\$ 369
Nicaragua	80%	80%	80%	80%	79%	\$ 4	\$ 4	\$ 2	\$ 1	\$ 1
Panama	74%	74%	71%	70%	69%	\$ 22	\$ 18	\$ 8	\$ 4	\$ 4
Paraguay	82%	82%	83%	83%	83%	\$ 13	\$ 10	\$ 10	\$ 11	\$ 9
Peru	71%	71%	73%	73%	68%	\$ 75	\$ 59	\$ 40	\$ 39	\$ 31
Uruguay	69%	70%	70%	71%	67%	\$ 23	\$ 16	\$ 9	\$ 12	\$ 10
Venezuela	87%	86%	82%	79%	72%	\$ 464	\$ 307	\$ 173	\$ 71	\$ 55
Other LA	83%	83%	82%	79%	81%	\$ 195	\$ 96	\$ 32	\$ 6	\$ 7
TOTAL LATIN	65%	66%	68%	66%	63%	\$ 4,123	\$ 3,125	\$ 2,026	\$ 1,546	\$ 1,263
Algeria	84%	84%	83%	83%	84%	\$ 86	\$ 62	\$ 66	\$ 67	\$ 59
Bahrain	57%	60%	60%	62%	64%	\$ 27	\$ 23	\$ 22	\$ 19	\$ 18
Botswana	82%	81%	82%	84%	81%	\$ 14	\$ 12	\$ 12		
Cameroon	84%	84%	84%	84%	81%	\$ 5	\$ 5	\$ 5		
Egypt	60%	63%	64%	65%	69%	\$ 131	\$ 88	\$ 80	\$ 50	\$ 56
Iraq	85%					\$ 124				
Israel	32%	32%	32%	33%	35%	\$ 121	\$ 102	\$ 84	\$ 66	\$ 69
Ivory Coast	81%	82%	82%	84%	81%	\$ 15	\$ 16	\$ 23		
Jordan	60%	61%	63%	64%	65%	\$ 20	\$ 19	\$ 19	\$ 16	\$ 15
Kenya	81%	80%	81%	83%	80%	\$ 28	\$ 22	\$ 20	\$ 16	\$ 12
Kuwait	62%	64%	66%	68%	68%	\$ 61	\$ 60	\$ 65	\$ 48	\$ 41
Lebanon	73%	73%	73%	75%	74%	\$ 44	\$ 39	\$ 34	\$ 26	\$ 22
Lybia	88%					\$ 22				
Mauritius	57%	59%	60%	60%	61%	\$ 4	\$ 3	\$ 3	\$ 4	\$ 4

Country	PIRACY RATES					PIRACY LOSSES				
	2007	2006	2005	2004	2003	2007 \$M	2006 \$M	2005 \$M	2004 \$M	2003 \$M
Morocco	67%	66%	68%	72%	73%	\$ 66	\$ 53	\$ 55	\$ 65	\$ 57
Nigeria	82%	82%	82%	84%	84%	\$ 114	\$ 100	\$ 82	\$ 54	\$ 47
Oman	61%	62%	63%	64%	65%	\$ 23	\$ 25	\$ 22	\$ 13	\$ 11
Qatar	54%	58%	60%	62%	63%	\$ 25	\$ 23	\$ 21	\$ 16	\$ 13
Reunion	40%	40%	40%	40%	39%	\$ 1	\$ 0	\$ 1	\$ 1	\$ 1
Saudi Arabia	51%	52%	52%	52%	54%	\$ 170	\$ 195	\$ 178	\$ 125	\$ 120
Senegal	80%	81%	82%	84%	81%	\$ 6	\$ 6	\$ 6		
South Africa	34%	35%	36%	37%	36%	\$ 284	\$ 225	\$ 212	\$ 196	\$ 147
Tunisia	76%	79%	81%	84%	82%	\$ 54	\$ 55	\$ 54	\$ 38	\$ 29
Turkey	65%	64%	65%	66%	66%	\$ 365	\$ 314	\$ 268	\$ 182	\$ 127
UAE	35%	35%	34%	34%	34%	\$ 94	\$ 62	\$ 45	\$ 34	\$ 29
Yemen	89%					\$ 13				
Zambia	82%	82%	83%	84%	81%	\$ 2	\$ 2	\$ 2		
Zimbabwe	91%	91%	90%	90%	87%	\$ 3	\$ 2	\$ 6	\$ 9	\$ 6
Other Africa	85%	85%	84%	84%	81%	\$ 76	\$ 49	\$ 63	\$ 124	\$ 84
Other ME	87%	89%	91%	93%	92%	\$ 448	\$ 423	\$ 154	\$ 70	\$ 51
TOTAL MEA	60%	60%	57%	58%	56%	\$ 2,446	\$ 1,985	\$ 1,602	\$ 1,239	\$ 1,018
Canada	33%	34%	33%	36%	35%	\$ 1,071	\$ 784	\$ 779	\$ 889	\$ 736
Puerto Rico	44%	45%	47%	46%	46%	\$ 33	\$ 31	\$ 12	\$ 15	\$ 11
United States	20%	21%	21%	21%	22%	\$ 8,040	\$ 7,289	\$ 6,895	\$ 6,645	\$ 6,496
TOTAL NA	21%	22%	22%	22%	23%	\$ 9,144	\$ 8,104	\$ 7,686	\$ 7,549	\$ 7,243
Austria	25%	26%	26%	25%	27%	\$ 157	\$ 147	\$ 131	\$ 128	\$ 109
Belgium	25%	27%	28%	29%	29%	\$ 223	\$ 222	\$ 257	\$ 309	\$ 240
Cyprus	50%	52%	52%	53%	55%	\$ 14	\$ 12	\$ 13	\$ 9	\$ 8
Denmark	25%	25%	27%	27%	26%	\$ 193	\$ 183	\$ 199	\$ 226	\$ 165
Finland	25%	27%	26%	29%	31%	\$ 160	\$ 149	\$ 156	\$ 177	\$ 148
France	42%	45%	47%	45%	45%	\$ 2,601	\$ 2,676	\$ 3,191	\$ 2,928	\$ 2,311
Germany	27%	28%	27%	29%	30%	\$ 1,937	\$ 1,642	\$ 1,920	\$ 2,286	\$ 1,899
Greece	58%	61%	64%	62%	63%	\$ 198	\$ 165	\$ 157	\$ 106	\$ 87
Iceland	48%	53%	57%			\$ 33	\$ 32	\$ 18		
Ireland	34%	36%	37%	38%	41%	\$ 106	\$ 92	\$ 93	\$ 89	\$ 71
Italy	49%	51%	53%	50%	49%	\$ 1,779	\$ 1,403	\$ 1,564	\$ 1,500	\$ 1,127
Luxembourg	21%					\$ 16				
Malta	46%	45%	45%	47%	46%	\$ 7	\$ 7	\$ 5	\$ 3	\$ 2
Netherlands	28%	29%	30%	30%	33%	\$ 502	\$ 419	\$ 596	\$ 628	\$ 577
Norway	29%	29%	30%	31%	32%	\$ 195	\$ 181	\$ 169	\$ 184	\$ 155
Portugal	43%	43%	43%	40%	41%	\$ 167	\$ 140	\$ 104	\$ 82	\$ 66
Spain	43%	46%	46%	43%	44%	\$ 903	\$ 865	\$ 765	\$ 634	\$ 512
Sweden	25%	26%	27%	26%	27%	\$ 324	\$ 313	\$ 340	\$ 304	\$ 241
Switzerland	25%	26%	27%	28%	31%	\$ 303	\$ 324	\$ 376	\$ 309	\$ 293
United Kingdom	26%	27%	27%	27%	29%	\$ 1,837	\$ 1,670	\$ 1,802	\$ 1,963	\$ 1,601
TOTAL WE	33%	34%	35%	34%	36%	\$ 11,655	\$ 10,642	\$ 11,856	\$ 11,865	\$ 9,612
European Union	35%	36%	36%	35%	37%	\$ 12,383	\$ 11,003	\$ 12,048	\$ 12,151	\$ 9,786
Total WorldWide	38%	35%	35%	35%	36%	\$ 47,809	\$ 39,698	\$ 34,482	\$ 32,778	\$ 28,803

Highest Piracy Countries

Country	2007	2006	2005	2004	2003
1 Armenia	93%	95%	95%		
1 Bangladesh	92%				
1 Azerbaijan	92%	94%	94%		
1 Moldova	92%	94%	96%		
1 Zimbabwe	91%	91%	90%	90%	87%
1 Sri Lanka	90%				
1 Yemen	89%				
1 Libya	88%				
1 Venezuela	87%	86%	82%	79%	72%
1 Vietnam	85%	88%	90%	92%	92%
1 Iraq	85%				
1 Indonesia	84%	85%	87%	87%	88%
1 Pakistan	84%	86%	86%	82%	83%
1 Algeria	84%	84%	83%	83%	84%
1 Cameroon	84%	84%	84%	84%	81%
1 Montenegro	83%	82%	83%	83%	
1 Ukraine	83%	84%	85%	91%	91%
1 China	82%	82%	86%	90%	92%
1 Bolivia	82%	82%	83%	80%	78%
1 Paraguay	82%	82%	83%	83%	83%
1 Botswana	82%	81%	82%	84%	81%
1 Nigeria	82%	82%	82%	84%	84%
1 Zambia	82%	82%	83%	84%	81%
1 El Salvador	81%	82%	81%	80%	79%
1 Ivory Coast	81%	82%	82%	84%	81%
1 Kenya	81%	80%	81%	83%	80%

Lowest Piracy Countries

Country	2007	2006	2005	2004	2003
1 United States	20%	21%	21%	21%	22%
1 Luxembourg	21%				
1 New Zealand	22%	22%	23%	23%	23%
1 Japan	23%	25%	28%	28%	29%
1 Austria	25%	26%	26%	25%	27%
1 Belgium	25%	27%	28%	29%	29%
1 Denmark	25%	25%	27%	27%	26%
1 Finland	25%	27%	26%	29%	31%
1 Sweden	25%	26%	27%	26%	27%
1 Switzerland	25%	26%	27%	28%	31%
1 United Kingdom	26%	27%	27%	27%	29%
1 Germany	27%	28%	27%	29%	30%
1 Australia	28%	29%	31%	32%	31%
1 Netherlands	28%	29%	30%	30%	33%
1 Norway	29%	29%	30%	31%	32%
1 Israel	32%	32%	32%	33%	35%
1 Canada	33%	34%	33%	36%	35%
1 South Africa	34%	35%	36%	37%	36%
1 Ireland	34%	36%	37%	38%	41%
1 UAE	35%	35%	34%	34%	34%
1 Singapore	37%	39%	40%	42%	43%
1 Czech Republic	39%	39%	40%	41%	40%
1 Taiwan	40%	41%	43%	43%	43%
1 Reunion	40%	40%	40%	40%	39%
1 Hungary	42%	41%	42%	44%	42%
1 France	42%	45%	47%	45%	45%

Ranking by 2007 PC Software Piracy Losses

Countries with \$250 Million or More in Losses

Country	2007 \$M	Country	2007 \$M
United States	\$ 8,040	Poland	\$ 580
China	\$ 6,664	South Korea	\$ 549
Russia	\$ 4,123	Netherlands	\$ 502
France	\$ 2,601	Australia	\$ 492
India	\$ 2,025	Thailand	\$ 468
Germany	\$ 1,937	Venezuela	\$ 464
Brazil	\$ 1,617	Indonesia	\$ 411
United Kingdom	\$ 1,837	Argentina	\$ 370
Japan	\$ 1,791	Ukraine	\$ 403
Italy	\$ 1,779	Turkey	\$ 365
Canada	\$ 1,071	Sweden	\$ 324
Spain	\$ 903	Malaysia	\$ 311
Mexico	\$ 836	Switzerland	\$ 303
		South Africa	\$ 284

Country	2007 Losses	2006 Losses	Difference	2006 Losses in 2007 Dollars	New Difference
India	\$2,025	\$1,275	\$750	\$1,386	\$639
Japan	\$1,791	\$1,781	\$10	\$1,881	(\$90)
Russia	\$4,123	\$2,197	\$1,926	\$2,320	\$1,803
Brazil	\$1,617	\$1,148	\$469	\$1,282	\$335
Canada	\$1,071	\$784	\$287	\$828	\$243
Austria	\$157	\$147	\$10	\$160	(\$3)
France	\$2,601	\$2,676	-\$75	\$2,917	(\$316)
Germany	\$1,937	\$1,642	\$295	\$1,790	\$147
Spain	\$903	\$865	\$38	\$943	(\$40)
Western Europe	\$11,655	\$10,642	\$1,013	\$11,600	\$55