

Sixth Annual BSA and IDC Global Software Piracy Study

Final Piracy Rates and Losses 2008

PIRACY RATES

PIRACY LOSSES

Country	2008	2007	2006	2005	2004	2008 \$M	2007 \$M	2006 \$M	2005 \$M	2004 \$M
Australia	26%	28%	29%	31%	32%	\$ 613	\$ 492	\$ 515	\$ 361	\$ 409
Bangladesh	92%	92%	92%			\$ 102	\$ 92	\$ 90		
Brunei	68%	67%				\$ 15	\$ 13			
China	80%	82%	82%	86%	90%	\$ 6,677	\$ 6,664	\$ 5,429	\$ 3,884	\$ 3,565
Hong Kong	48%	51%	53%	54%	52%	\$ 225	\$ 224	\$ 180	\$ 112	\$ 116
India	68%	69%	71%	72%	74%	\$ 2,768	\$ 2,025	\$ 1,275	\$ 566	\$ 519
Indonesia	85%	84%	85%	87%	87%	\$ 544	\$ 411	\$ 350	\$ 280	\$ 183
Japan	21%	23%	25%	28%	28%	\$ 1,495	\$ 1,791	\$ 1,781	\$ 1,621	\$ 1,787
Malaysia	59%	59%	60%	60%	61%	\$ 368	\$ 311	\$ 289	\$ 149	\$ 134
New Zealand	22%	22%	22%	23%	23%	\$ 75	\$ 55	\$ 49	\$ 30	\$ 25
Pakistan	86%	84%	86%	86%	82%	\$ 159	\$ 125	\$ 143	\$ 48	\$ 26
Philippines	69%	69%	71%	71%	71%	\$ 202	\$ 147	\$ 119	\$ 76	\$ 69
Singapore	36%	37%	39%	40%	42%	\$ 163	\$ 159	\$ 125	\$ 86	\$ 96
South Korea	43%	43%	45%	46%	46%	\$ 622	\$ 549	\$ 440	\$ 400	\$ 506
Sri Lanka	90%	90%	90%			\$ 97	\$ 93	\$ 86		
Taiwan	39%	40%	41%	43%	43%	\$ 201	\$ 215	\$ 182	\$ 111	\$ 161
Thailand	76%	78%	80%	80%	79%	\$ 609	\$ 468	\$ 421	\$ 259	\$ 183
Vietnam	85%	85%	88%	90%	92%	\$ 257	\$ 200	\$ 96	\$ 38	\$ 55
Other AP	91%	91%	86%	82%	76%	\$ 69	\$ 56	\$ 148	\$ 29	\$ 63
TOTAL AP	61%	59%	55%	54%	53%	\$ 15,261	\$ 14,090	\$ 11,718	\$ 8,050	\$ 7,897
Albania	77%	78%	77%	76%	77%	\$ 9	\$ 11	\$ 11	\$ 9	\$ 7
Armenia	92%	93%	95%	95%		\$ 7	\$ 8	\$ 8	\$ 7	
Azerbaijan	90%	92%	94%			\$ 55	\$ 50	\$ 51	\$ 40	
Bosnia	67%	68%	68%	69%	70%	\$ 15	\$ 13	\$ 14	\$ 13	\$ 12
Bulgaria	68%	68%	69%	71%	71%	\$ 139	\$ 63	\$ 50	\$ 41	\$ 33
Croatia	54%	54%	55%	57%	58%	\$ 77	\$ 68	\$ 62	\$ 51	\$ 50
Czech Republic	38%	39%	39%	40%	41%	\$ 168	\$ 161	\$ 147	\$ 121	\$ 132
Estonia	50%	51%	52%	54%	55%	\$ 21	\$ 20	\$ 16	\$ 18	\$ 17
FYROM	68%	68%	69%	70%	72%	\$ 14	\$ 11	\$ 10	\$ 9	\$ 8
Georgia	95%					\$ 59				
Hungary	42%	42%	42%	42%	44%	\$ 146	\$ 125	\$ 111	\$ 106	\$ 126
Kazakhstan	78%	79%	81%	85%	85%	\$ 125	\$ 110	\$ 85	\$ 69	\$ 57
Latvia	56%	56%	56%	57%	58%	\$ 31	\$ 29	\$ 26	\$ 20	\$ 19
Lithuania	54%	56%	57%	57%	58%	\$ 40	\$ 37	\$ 31	\$ 25	\$ 21
Moldova	90%	92%	94%	96%		\$ 40	\$ 43	\$ 56	\$ 44	
Montenegro	83%	83%	82%	83%	83%	\$ 8	\$ 7	\$ 6	\$ 9	\$ 8
Poland	56%	57%	57%	58%	59%	\$ 648	\$ 580	\$ 484	\$ 388	\$ 379
Romania	66%	68%	69%	72%	74%	\$ 249	\$ 151	\$ 114	\$ 111	\$ 62
Russia	68%	73%	80%	83%	87%	\$ 4,215	\$ 4,123	\$ 2,197	\$ 1,625	\$ 1,362
Serbia	74%	76%	78%	80%	80%	\$ 99	\$ 72	\$ 59	\$ 95	\$ 85
Slovakia	43%	45%	45%	47%	48%	\$ 62	\$ 54	\$ 47	\$ 44	\$ 48
Slovenia	47%	48%	48%	50%	51%	\$ 51	\$ 39	\$ 36	\$ 33	\$ 37
Ukraine	84%	83%	84%	85%	91%	\$ 534	\$ 403	\$ 337	\$ 239	\$ 107
Rest of CEE	88%	88%	90%	92%	88%	\$ 191	\$ 173	\$ 166	\$ 145	\$ 112
TOTAL CEE	66%	68%	68%	69%	71%	\$ 7,003	\$ 6,351	\$ 4,124	\$ 3,262	\$ 2,682
Argentina	73%	74%	75%	77%	75%	\$ 339	\$ 370	\$ 303	\$ 182	\$ 108
Bolivia	81%	82%	82%	83%	80%	\$ 20	\$ 19	\$ 15	\$ 10	\$ 9
Brazil	58%	59%	60%	64%	64%	\$ 1,645	\$ 1,617	\$ 1,148	\$ 766	\$ 659
Chile	67%	66%	68%	66%	64%	\$ 202	\$ 187	\$ 163	\$ 109	\$ 87
Colombia	56%	58%	59%	57%	55%	\$ 136	\$ 127	\$ 111	\$ 90	\$ 81
Costa Rica	60%	61%	64%	66%	67%	\$ 24	\$ 22	\$ 27	\$ 19	\$ 16
Dominican Republic	79%	79%	79%	77%	77%	\$ 43	\$ 39	\$ 19	\$ 8	\$ 4
Ecuador	66%	66%	67%	69%	70%	\$ 37	\$ 33	\$ 30	\$ 17	\$ 13
El Salvador	80%	81%	82%	81%	80%	\$ 28	\$ 28	\$ 18	\$ 8	\$ 5
Guatemala	81%	80%	81%	81%	78%	\$ 49	\$ 41	\$ 26	\$ 14	\$ 10
Honduras	74%	74%	75%	75%	75%	\$ 9	\$ 8	\$ 7	\$ 4	\$ 3
Mexico	59%	61%	63%	65%	65%	\$ 823	\$ 836	\$ 748	\$ 525	\$ 407
Nicaragua	79%	80%	80%	80%	80%	\$ 4	\$ 4	\$ 4	\$ 2	\$ 1
Panama	73%	74%	74%	71%	70%	\$ 24	\$ 22	\$ 18	\$ 8	\$ 4
Paraguay	83%	82%	82%	83%	83%	\$ 16	\$ 13	\$ 10	\$ 10	\$ 11
Peru	71%	71%	71%	73%	73%	\$ 84	\$ 75	\$ 59	\$ 40	\$ 39
Uruguay	69%	69%	70%	70%	71%	\$ 25	\$ 23	\$ 16	\$ 9	\$ 12
Venezuela	86%	87%	86%	82%	79%	\$ 484	\$ 464	\$ 307	\$ 173	\$ 71
Other LA	84%	83%	83%	82%	79%	\$ 319	\$ 195	\$ 96	\$ 32	\$ 6
TOTAL LA	65%	65%	66%	68%	66%	\$ 4,311	\$ 4,123	\$ 3,125	\$ 2,026	\$ 1,546
Algeria	84%	84%	84%	83%	83%	\$ 96	\$ 86	\$ 62	\$ 66	\$ 67
Bahrain	55%	57%	60%	60%	62%	\$ 27	\$ 27	\$ 23	\$ 22	\$ 19
Botswana	80%	82%	81%	82%	84%	\$ 14	\$ 14	\$ 12	\$ 12	
Cameroon	83%	84%	84%	84%	84%	\$ 6	\$ 5	\$ 5	\$ 5	
Egypt	59%	60%	63%	64%	65%	\$ 158	\$ 131	\$ 88	\$ 80	\$ 50
Iraq	85%	85%				\$ 205	\$ 124			
Israel	32%	32%	32%	32%	33%	\$ 172	\$ 121	\$ 102	\$ 84	\$ 66
Ivory Coast	80%	81%	82%	82%	84%	\$ 15	\$ 15	\$ 16	\$ 23	
Jordan	58%	60%	61%	63%	64%	\$ 22	\$ 20	\$ 19	\$ 19	\$ 16
Kenya	80%	81%	80%	81%	83%	\$ 31	\$ 28	\$ 22	\$ 20	\$ 16
Kuwait	61%	62%	64%	66%	68%	\$ 69	\$ 61	\$ 60	\$ 65	\$ 48

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Country	2008	2007	2006	2005	2004	2008 \$M	2007 \$M	2006 \$M	2005 \$M	2004 \$M
Lebanon	74%	73%	73%	73%	75%	\$ 49	\$ 44	\$ 39	\$ 34	\$ 26
Libya	87%	88%				\$ 22	\$ 22			
Mauritius	57%	57%	59%	60%	60%	\$ 5	\$ 4	\$ 3	\$ 3	\$ 4
Morocco	66%	67%	66%	68%	72%	\$ 70	\$ 66	\$ 53	\$ 55	\$ 65
Nigeria	83%	82%	82%	82%	84%	\$ 132	\$ 114	\$ 100	\$ 82	\$ 54
Oman	62%	61%	62%	63%	64%	\$ 26	\$ 23	\$ 25	\$ 22	\$ 13
Qatar	51%	54%	58%	60%	62%	\$ 26	\$ 25	\$ 23	\$ 21	\$ 16
Reunion	40%	40%	40%	40%	40%	\$ 1	\$ 1	\$ 0	\$ 1	\$ 1
Saudi Arabia	52%	51%	52%	52%	52%	\$ 272	\$ 170	\$ 195	\$ 178	\$ 125
Senegal	79%	80%	81%	82%	84%	\$ 7	\$ 6	\$ 6	\$ 6	
South Africa	35%	34%	35%	36%	37%	\$ 335	\$ 284	\$ 225	\$ 212	\$ 196
Tunisia	73%	76%	79%	81%	84%	\$ 48	\$ 54	\$ 55	\$ 54	\$ 38
Turkey	64%	65%	64%	65%	66%	\$ 468	\$ 365	\$ 314	\$ 268	\$ 182
UAE	36%	35%	35%	34%	34%	\$ 170	\$ 94	\$ 62	\$ 45	\$ 34
Yemen	89%	89%				\$ 14	\$ 13			
Zambia	82%	82%	82%	83%	84%	\$ 2	\$ 2	\$ 2	\$ 2	
Zimbabwe	92%	91%	91%	90%	90%	\$ 4	\$ 3	\$ 2	\$ 6	\$ 9
Other Africa	86%	85%	85%	84%	84%	\$ 95	\$ 76	\$ 49	\$ 63	\$ 124
Other ME	87%	87%	89%	91%	93%	\$ 438	\$ 448	\$ 423	\$ 154	\$ 70
TOTAL MEA	59%	60%	60%	57%	58%	\$ 2,999	\$ 2,446	\$ 1,985	\$ 1,602	\$ 1,239
Canada	32%	33%	34%	33%	36%	\$ 1,222	\$ 1,071	\$ 784	\$ 779	\$ 889
Puerto Rico	44%	44%	45%	47%	46%	\$ 36	\$ 33	\$ 31	\$ 12	\$ 15
United States	20%	20%	21%	21%	21%	\$ 9,143	\$ 8,040	\$ 7,289	\$ 6,895	\$ 6,645
TOTAL NA	21%	21%	22%	22%	22%	\$ 10,401	\$ 9,144	\$ 8,104	\$ 7,686	\$ 7,549
Austria	24%	25%	26%	26%	25%	\$ 184	\$ 157	\$ 147	\$ 131	\$ 128
Belgium	25%	25%	27%	28%	29%	\$ 269	\$ 223	\$ 222	\$ 257	\$ 309
Cyprus	50%	50%	52%	52%	53%	\$ 15	\$ 14	\$ 12	\$ 13	\$ 9
Denmark	25%	25%	25%	27%	27%	\$ 215	\$ 193	\$ 183	\$ 199	\$ 226
Finland	26%	25%	27%	26%	29%	\$ 194	\$ 160	\$ 149	\$ 156	\$ 177
France	41%	42%	45%	47%	45%	\$ 2,760	\$ 2,601	\$ 2,676	\$ 3,191	\$ 2,928
Germany	27%	27%	28%	27%	29%	\$ 2,152	\$ 1,937	\$ 1,642	\$ 1,920	\$ 2,286
Greece	57%	58%	61%	64%	62%	\$ 238	\$ 198	\$ 165	\$ 157	\$ 106
Iceland	46%	48%	53%	57%		\$ 23	\$ 33	\$ 32	\$ 18	
Ireland	34%	34%	36%	37%	38%	\$ 118	\$ 106	\$ 92	\$ 93	\$ 89
Italy	48%	49%	51%	53%	50%	\$ 1,895	\$ 1,779	\$ 1,403	\$ 1,564	\$ 1,500
Luxembourg	21%	21%				\$ 21	\$ 16			
Malta	45%	46%	45%	45%	47%	\$ 8	\$ 7	\$ 7	\$ 5	\$ 3
Netherlands	28%	28%	29%	30%	30%	\$ 563	\$ 502	\$ 419	\$ 596	\$ 628
Norway	28%	29%	29%	30%	31%	\$ 229	\$ 195	\$ 181	\$ 169	\$ 184
Portugal	42%	43%	43%	43%	40%	\$ 212	\$ 167	\$ 140	\$ 104	\$ 82
Spain	42%	43%	46%	46%	43%	\$ 1,029	\$ 903	\$ 865	\$ 765	\$ 634
Sweden	25%	25%	26%	27%	26%	\$ 372	\$ 324	\$ 313	\$ 340	\$ 304
Switzerland	25%	25%	26%	27%	28%	\$ 345	\$ 303	\$ 324	\$ 376	\$ 309
United Kingdom	27%	26%	27%	27%	27%	\$ 2,181	\$ 1,837	\$ 1,670	\$ 1,802	\$ 1,963
TOTAL WE	33%	33%	34%	35%	34%	\$ 13,023	\$ 11,655	\$ 10,642	\$ 11,856	\$ 11,865
TOTAL WORLDWIDE	41%	38%	35%	35%	35%	\$ 52,998	\$ 47,809	\$ 39,698	\$ 34,482	\$ 32,778
European Union	35%	35%	36%	36%	35%	\$ 13,981	\$ 12,383	\$ 11,003	\$ 12,048	\$ 12,151
BRIC Countries	73%	75%	77%	81%	85%	\$ 15,305	\$ 14,429	\$ 10,049	\$ 6,841	\$ 6,105

BRIC Countries are Brazil, Russia, India, and China.