Table 15.2 Observed Password Lengths

Length	Number	Fraction of Total
1	55	.004
2	87	.006
3	212	.02
4	449	.03
5	1,260	.09
6	3,035	.22
7	2,917	.21
8	5,772	.42
Total	13,787	1.0

Table 15.3 Passwords Cracked from a Sample Set of 13,797 Accounts [KLEI90]

Type of Password	Search Size	Number of Matches	Percentage of Passwords Matched
User/account name	130	368	2.7%
Character sequences	866	22	0.2%
Numbers	427	9	0.1%
Chinese	392	56	0.4%
Place names	628	82	0.6%
Common names	2,239	548	4.0%
Female names	4,280	161	1.2%
Male names	2,866	140	1.0%
Uncommon names	4,955	130	0.9%
Myths and legends	1,246	66	0.5%
Shakespearean	473	11	0.1%
Sports terms	238	32	0.2%
Science fiction	691	59	0.4%
Movies and actors	99	12	0.1%
Cartoons	92	9	0.1%
Famous people	290	55	0.4%
Phrases and patterns	933	253	1.8%
Surnames	33	9	0.1%
Biology	58	1	0.0%
System dictionary	19,683	1,027	7.4%
Machine names	9,018	132	1.0%
Mnemonics	14	2	0.0%
King James bible	7,525	83	0.6%
Miscellaneous words	3,212	54	0.4%
Yiddish words	56	0	0.0%
Asteroids	2,407	19	0.1%
TOTAL	62,727	3,340	24.2%

Table 15.4 Virus Propagation Times

Virus	Year launched	Type	Time it took to be most prevalent	Estimated damages
Jerusalem, Cascade, Form	1990	.exe file	3 years	$50 million for all viruses over five years
Concept	1995	Word macro	4 months	$50 million
Melissa	1999	E-mail enabled Work macro	4 days	Up to $385 million
Love letter	2000	E-mail enabled, VBS-based	5 hours	Up to $15 billion

Source: www.icsa.net