Spyware & Anti-spyware
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PART 2: STATISTICS

PART 3: HOW DOES SPYWARE WORK

PART 4: SPYWARE INVADES YOUR PRIVACY
PART 5: ANTI-SPYWARE PROGRAMS

PART 6: HOW DOES ANTI-SPYWARE SOFTWARE WORK

PART 7: FOLLOW THESE RULES
PART 1

- SPYWARE
Spyware [1]

Do you know what a spyware is?

- Spyware is any software that gathers user information through the user's Internet connection without his or her knowledge.
Spyware [2]

- Spyware applications typically exist as a hidden component of freeware or shareware programs that can be downloaded from the Internet.
Spyware [3]

- Spyware watches user activity on the Internet and transfers that information in the background to someone else.
PART 2

- STATISTICS
STATISTICS [1]
## STATISTICS [2]

**Global Rates of Spyware**

Highest Number of Spyware per 1,000 PCs Scanned by Country

<table>
<thead>
<tr>
<th>Q2 2006 Rank</th>
<th>Country</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Puerto Rico</td>
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<td>Algeria</td>
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<tr>
<td>3</td>
<td>Bahrain</td>
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<td>4</td>
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<td>5</td>
<td>Trinidad &amp; Tobago</td>
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**European Rates of Spyware**

Highest Number of Spyware per 1,000 PCs Scanned in Europe

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## STATISTICS [4]

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<th>Quantity</th>
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<tbody>
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<td>New Zealand</td>
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<td>22.7</td>
</tr>
<tr>
<td>5</td>
<td>Hong Kong</td>
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</table>
Adware

Adware is........

a form of spyware that collects information about the user in order to display advertisements in the web browser.
PART 2

- HOW DOES SPYWARE WORK
How does spyware work [1]

- Spyware hide itself in the background of your computer, monitors which websites you visit, and then sends a report about your activities.
How does spyware work [2]

- At first, the spyware takes the control of your computer. Most of the times, you get spyware by downloading a free program or clicking a pop-up ad.
How does spyware work [3]

- When you install the program you’ve chosen, spyware is installed as well, without your knowledge.
How does spyware work [4]

- It watches your internet activities and tracks every address you visit.
How does spyware work [5]

- Spyware runs whenever you turn on your computer. Even when the program which it uses to invade to your computer is not running it is spying.
How does spyware work [6]

- At regular intervals, the spyware phones home, reporting to the spyware website which sites you’ve visited.
How does spyware work [7]

- The ads appear whenever you run the program in which the spyware is hidden and is using this program to enter your computer.
How does spyware work [8]

- When the program is deleted, spyware typically does not get deleted.
How does spyware work [9]

- It keeps watching you, although it can’t deliver ads based on that information because the program has been deleted.
How does spyware work [10]

- To delete the spyware, you need a special spyware detector and killer.
PART 3

- SPYWARE INVADERS YOUR PRIVACY
Spyware invades your privacy [1]

- All information you enter via the web can be intercepted.
Spyware invades your privacy [2]

- Unauthorized sites can add themselves to your desktop.
Spyware invades your privacy [3]

- Unauthorized sites can add themselves to your internet favourites.
Spyware invades your privacy [4]

- Your surfing activity can be tracked and monitored.
Spyware invades your privacy [5]

- Your personal information can be sold to others without your knowledge or consent.
Spyware invades your privacy [6]

- Your default homepage and settings can be hijacked so you can't change them.
Spyware invades your privacy [7]

- These dangerous components not only invade your PC so they can not be removed, but fill in your hard drive space and slow down your PC!
PART 4

- ANTI-SPYWARE PROGRAMS
Anti-spyware programs

- Anti-spyware programs are products that are designed to remove or block spyware.
PART 5

- HOW DOES ANTI-SPYWARE SOFTWARE WORK
How does anti-spyware software work [1]

- Anti-spyware programs can combat spyware in two ways:
  - Real-time protection, which prevents the installation of spyware.
  - Detection and removal, which removes spyware from an infected computer.
How does anti-spyware software work [2]

- Anti-spyware programs usually find the malicious software and remove it.
How does anti-spyware software work [3]

- Such programs inspect the contents of the Windows registry, the operating system files, and installed programs, and remove files and entries which are dangerous.
How does anti-spyware software work [4]

- Real-time protection from spyware works the same as real-time anti-virus protection: the software scans incoming network data and disk files at download time, and blocks the activity of components known to represent spyware.
How does anti-spyware software work [5]

- In some cases, it may also intercept attempts to install start-up items or to modify browser settings.
PART 6

- FOLLOW THESE RULES
Follow these rules [1]:

- Read the EULA (End User License Agreement)
- Protect Your System
Follow these rules [2]:

- Use updated anti-spyware technology
- Scan Your System
Follow these rules [3]:

- Do Not Install Any ActiveX Controls

- Do not visit questionable websites
Follow these rules [4]:

- Be careful where and what you are downloading
- Do not use any file sharing (P2P) applications
Follow these rules [5]:

- Use secure Internet browsers
- Educate yourself
Follow these rules [6]:

- Use Mac or Linux operational systems to limit spyware
- Check for updates daily
Follow these rules [7]:

- **DO NOT** open unknown e-mail attachments

- Read carefully before you click on links
Follow these rules [8]:

- Do not allow pop-ups and programs that deliver advertising from sites you don't trust
Be careful !