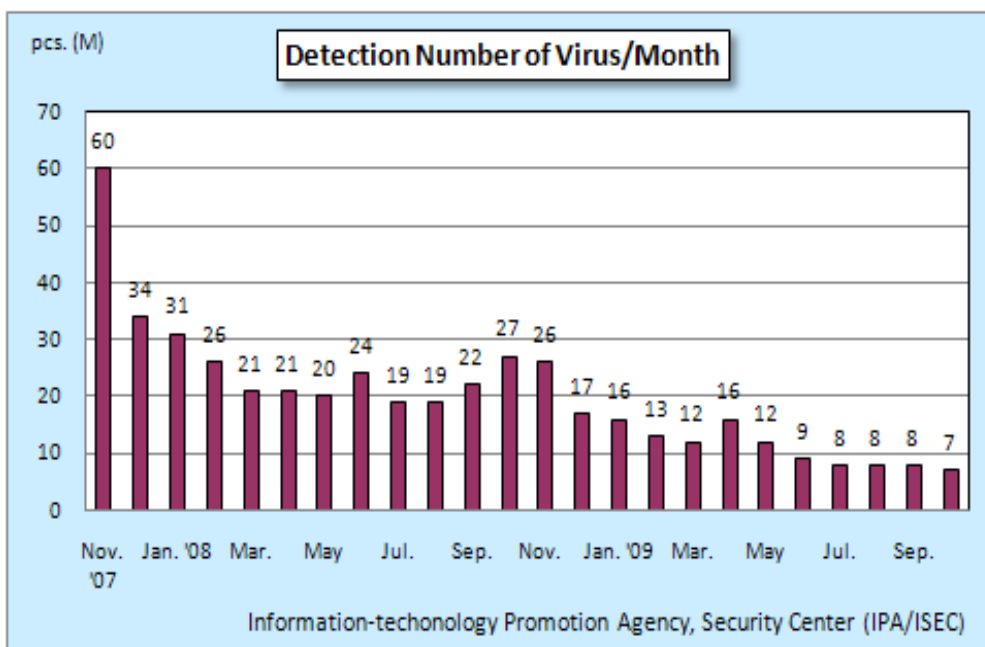


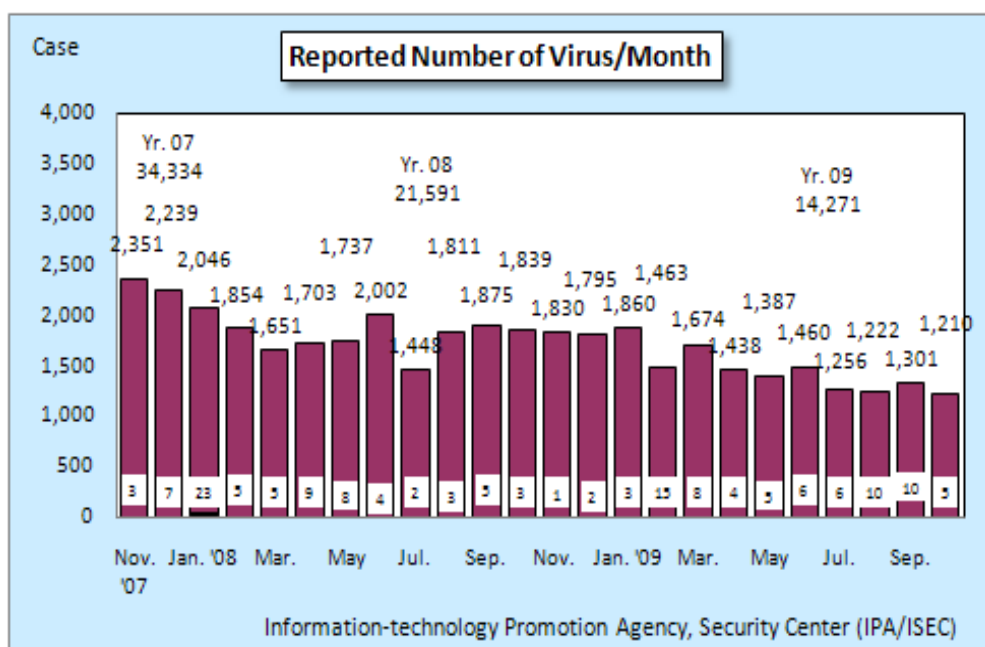
## Reporting Status of Computer Virus - Details for October 2009

### I. Details for Reported Number of Virus

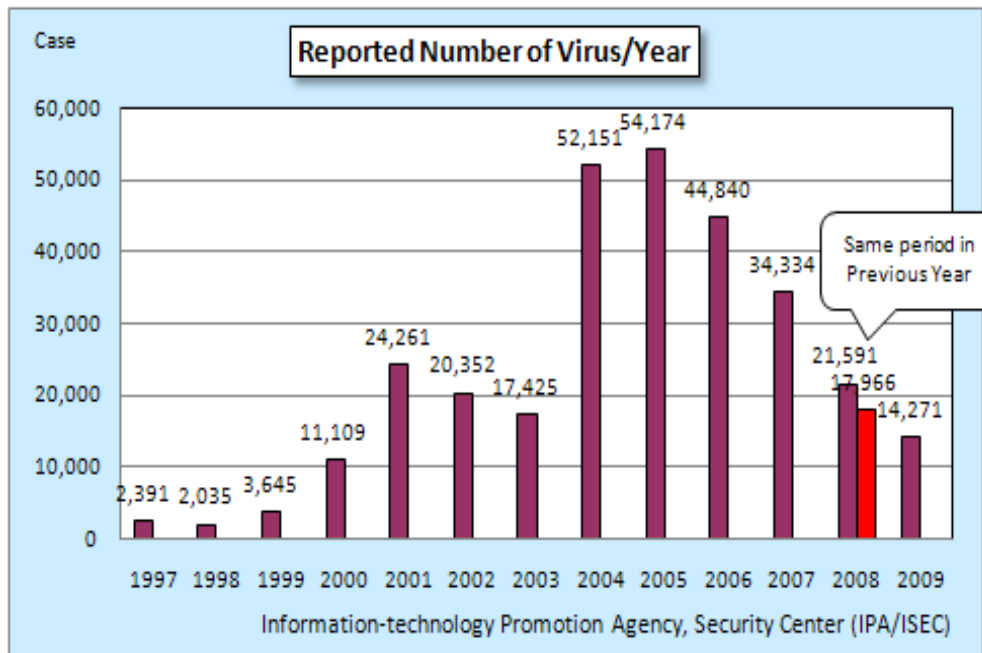
#### 1. Detection Number of Virus by Month



#### 2. Reported Number of Virus/Month



### 3. Reported Number of Virus by Year



#### 4. Reported Virus in October 2009

The total reported virus type in October was 47: The virus counts for Windows/DoS relevant was 1,181 and for Macro and Script relevant was 29.

i) Windows

(\*) = newly emerged virus for the month.

Windows/DOS Virus	Reported Number	Script Virus	Reported Number
W32/Netsky	280	VBS/Solow	19
W32/Mydoom	194	VBS/SST	3
W32/Autorun	120	VBS/ Redlof	2
W32/Mytob	118	VBS/LOVELETTER	1
W32/Bagle	77	VBS/Mondezimia	1
W32/Klez	74	WscriptKakworm	1
W32/Downad	55		
W32/Virut	29		
W32/Sality	29		
W32/Lovegate	27		
W32/Mywife	24		
W32/Gammima	20		
W32/Mimail	15		
W32/Toal (*)	14		
W32/Zafi	14	Sub Total	27
W32/Bugbear	12		
W32/Induc	10	<b>Macro Virus</b>	<b>Reported Number</b>
W32/Funlove	9	XM/Laroux	1
W32/Womble	7	W97M/Marker	1
W32/Mabutu	6		
W32/Mumu	6		
W32/Harakit	5	Sub Total	2
W32/IRCbot	5		
W32/Rontokbro	4	ii) Macintosh	
W32/Stration	3	None	
W32/Chir	3		
W32/Mabezat	3	iii) OSS*: incl. Linux, BSD, UNIX	
W32/Mota	3	None	
W32/Badtrans	2		
W32/Resdoc	2	iv) Mobile Terminal	
W32/joydotto	2	None	
W32/Rinbot	2		
W32/Randex	1	<Reference>	
W32/Swen	1	<b>Windows/DOS Virus:</b> work under Windows, MS-DOS environment.	
W32/Imaut	1	<b>Macro Virus:</b> exploits macro functions of MS-WORD or MS-EXCEL.	
W32/Hitapop	1	<b>Script Virus:</b> is written by simple program to run w/o conversion process to a machine code.	
W32/Nuwar	1	<b>Remarks:</b> Reported Number includes viruses' variants.	
W32/Palevo (*)	1		
W32/Waledac	1		
Sub Total	1,181	*Open Source Software	

Note: Each acronym and abbreviation in the virus name column mean as follows.

Acronym/ Abbreviation	Subjected Virus
W32	Work under Windows-32bit environment
XM	MSEXCEL95, 97 (Abbreviation of Excel Macro)
WM	MSWORD95, 97 (Abbreviation of Word Macro)
W97M	MSWORD97 (Abbreviation of MSWORD97 Macro)
X97M	MSEXCEL97 (Abbreviation of MSExcel97 Macro)
VBS	Written by Visual Basic Script
Wscript	Works under Windows Scripting Host environment (excl. VBS)
JS	Written by JavaScript
XF	Work under MSExcel95, 97 (Abbreviation of ExcelFormula)

## 5. The Overview of the Virus Initially Reported to IPA in October

### (1) W32/Toal:

This virus enlarges infection via the file (s) appended to e-mail. When infected, the virus copies itself within the computer to alter the system so that each time the virus will be executed upon starting up the computer. In addition, the virus sends virus mail by appending itself to the addresses acquired from the computer. Further, it attempts to interfere/halt anti-security measures software to function.

### (2) W32/Palevo:

This virus enlarges infection via a network. When infected, the virus copies itself within the computer to alter the system so that each the virus will be executed upon starting up the computer. In addition, the virus also enlarges infection to the computer connected to the network by exploiting security holes in Windows. Further, the virus attempts to connect to the other servers outside by configuring backdoor in the computer infected and/or to interfere/halt anti-security measures software to function.

## 6. The Reported Number Classified by Filers

The largest reported number is from general corporate users which taking over about 91% against the whole.

Filer	Reported Number					
	October 2009		September 2009 (Previous month)		October 2008 (The same month a year ago)	
General Corporate Users	1,100	90.9%	1,254	96.4%	1,696	92.2%
Individual Users	4	0.3%	5	0.4%	40	2.2%
Education/Research Institution	106	8.8%	42	3.2%	103	5.6%
Total	1,210		1,301		1,839	

## 7. The Reported Number Classified by Infection Path Identified

The largest reported number for the infection source is by mails which taking over about 95% against the whole.

Infection Source	Reported Number					
	October 2009		September 2009 (Previous month)		October 2008 (The same month a year ago)	
Via e-mail	1,143	94.5%	1,238	95.2%	1,813	98.6%
Downloading (*)	1	0.1%	2	0.2%	0	0.0%
Outside Media	5	0.4%	9	0.7%	4	0.2%
Network	60	5.0%	48	3.7%	21	1.1%
Unidentified/Other	1	0.1%	4	0.3%	1	0.1%
Total	1,210		1,301		1,839	

(\*) including infection from Home Pages.

### 8. Nos. of Computers Being Infected

Infected Nos.	Reported Number					
	October 2009		September 2009 (Previous month)		October 2008 (The same month a year ago)	
0	1,204	99.5%	1,291	99.2%	1,836	99.8%
1	5	0.4%	9	0.7%	1	0.1%
2 - 4	1	0.1%	1	0.1%	0	0.0%
5 - 9	0	0.0%	0	0.0%	0	0.0%
10 - 19	0	0.0%	0	0.0%	1	0.1%
20 - 49	0	0.0%	0	0.0%	0	0.0%
50 or more	0	0.0%	0	0.0%	1	0.0%
Total	1,210		1,301		1,839	

#### **Computer Virus Incident Reporting Program**

The Ministry of Economy, Trade and Industry announced "Computer Virus Prevention Guidelines" to prevent the spread of computer viruses in Japan. IPA was designated to receive the "Computer Virus Damage Report" directly from the infected users to investigate virus problem and to provide monthly statistics. This reporting system started in April 1990. Anyone who has encountered computer virus is supposed to send a virus report with necessary information to IPA to prevent further spread and damage of viruses. IPA deals with each reporter (user) on an individual basis as a consultant, and also works as a public research institute for anti-virus measures by analyzing problems showed on the damage report. Taking reporters' privacy into full consideration, IPA periodically publishes the result of their research and analysis on computer virus incident.

#### **Computer Virus Prevention Guidelines:**

Enactment on April 10, 1990 (release No. 139)  
 Amendment on July 7, 1995 (release No. 429)  
 Amendment on September 24, 1997 (release No. 535)  
 Amendment on December 28, 2000 (release No. 952)  
 Amendment on January 5, 2004 (release No. 2)

#### **Contact to:**

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