

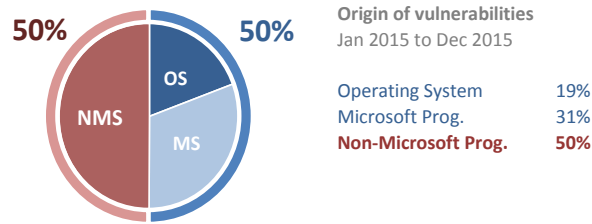
The average PC user in the USA has:

<b>Programs Installed</b> <b>76</b> from 27 different vendors	<b>42% of these programs</b> <b>32 of 76</b> are Microsoft programs	<b>58% of these programs</b> <b>44 of 76</b> are from non-Microsoft vendors	<b>Users with unpatched Operating Systems</b> <b>9.9%</b> Win7, Win8, Win10 Windows Vista	<b>Unpatched non-Microsoft programs</b> <b>12.2%</b> Unpatched MS programs: 4.4%	<b>End-of-Life programs on average PC</b> <b>5.6%</b> no longer patched by the vendor
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## Introduction

This report documents the state of security among PC users in the USA, based on data from scans by Personal Software Inspector, in Q4 2015. The security of a PC is largely controlled by the number and type of programs installed on it and to what extent these programs are patched. The data reflects the state of Personal Software Inspector users. It is safe to assume that Personal Software Inspector users are more secure than other PC users.

## Origin of Vulnerabilities



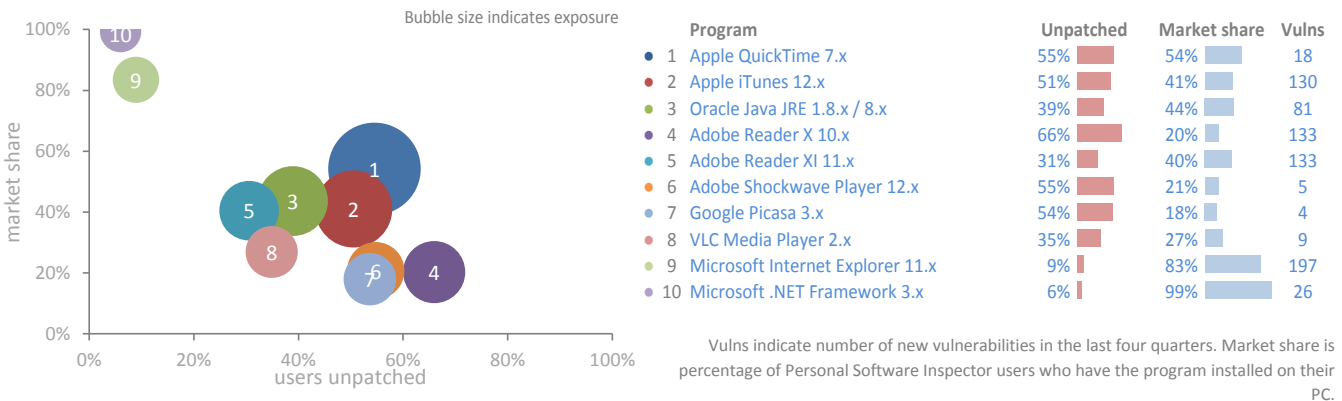
Cybercriminals know that most private users consider regular security maintenance of their PC hard work. As a result, a lot of users have PCs that are inadequately patched and therefore easily compromised.

On a typical PC, users have to master 27 different update mechanisms to patch the 76 programs on it, in order to remediate vulnerabilities:

- 1 single update mechanism for the 32 Microsoft programs that make up 42% of the programs on the PC.
- Another 26 different update mechanisms to patch the remaining 44 programs (58%) from the 26 non-Microsoft vendors whose products are on the PC, and who each have a unique update mechanism.

## Top 10 Most Exposed Programs

We have ranked the Top 10 of programs, based on risk exposure. We rank them based on 2 parameters: % market share multiplied by % of unpatched. That is, how widespread they are multiplied by how many of their users have neglected to patch them, even though a patch is available. The list at the far right shows how many vulnerabilities were detected for a program in the last four quarters (Jan 2015 to Dec 2015).



## What does it mean?

If a vulnerable program remains unpatched on your PC, it means that your PC is vulnerable to being exploited by hackers. So if 39% of PCs running Oracle Java JRE 1.8.x / 8.x, who have a 44% market share, are unpatched, 17% of all PCs are made vulnerable by that program. The same PC can have several other unpatched, vulnerable programs installed.

## Top 10 End-of-life (EOL) Programs

End-of-Life (EOL) programs are no longer maintained and supported by the vendor, and do not receive security updates. They are therefore treated as insecure. If you identify and remove End-of-Life programs you have made your PC a great deal more secure!

#	Program	Market share	#	Program	Market share
1	Adobe Flash Player 19.x	73%	6	Mozilla Firefox 41.x	21%
2	Microsoft XML Core Services (MSXML) 4.x	66%	7	Google Chrome 45.x	18%
3	Google Chrome 46.x	45%	8	Oracle Java JRE 1.6.x / 6.x	15%
4	Oracle Java JRE 1.7.x / 7.x	29%	9	Adobe AIR 19.x	14%
5	Mozilla Firefox 42.x	23%	10	Adobe AIR 3.x	13%

**Disclaimers** The data in this Country Report is a snapshot taken on 2015-12-31. Because Secunia Advisories are updated continuously, as new information becomes available, data in snapshots taken on different dates may vary.

**Remark** Two different programs can have a shared code base and therefore share a vulnerability. This means that the same vulnerability will appear in 2 different programs. Therefore, when we group products the same vulnerability may be counted twice.

**More Information** The percentage of unpatched users for a program/OS is highest shortly after the release of a patch

Personal Software Inspector: <http://flexerasoftware.com/svm/personal>