Personal Software Inspector Country Report - Q2 2016

# Norway

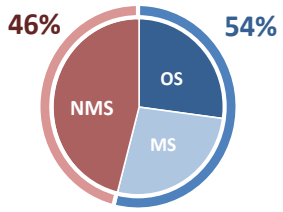
The average PC user in Norway has:

| Programs Installed | 43% of these programs | 57% of these programs | Users with unpatched Operating Systems | Unpatched non-Microsoft programs | End-of-Life programs on average PC |
|---|---|---|---|---|---|
| **68** | **29 of 68** | **39 of 68** | **5.6%** | **14.6%** | **6.9%** |
| from 24 different vendors | are Microsoft programs | are from non-Microsoft vendors | Win7, Win8, Win10 Windows Vista | Unpatched MS programs: 3.9% | no longer patched by the vendor |

## Introduction

This report documents the state of security among PC users in Norway, based on data from scans by Personal Software Inspector, in Q2 2016. 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




**Origin of vulnerabilities**
Jul 2015 to Jun 2016

| | |
|---|---|
| Operating System | 27% |
| Microsoft Prog. | 27% |
| **Non-Microsoft Prog.** | **46%** |

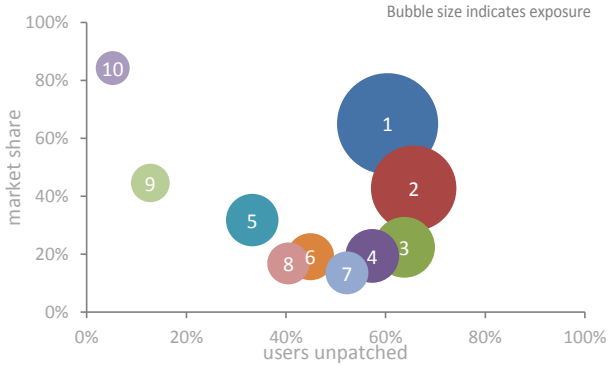
Cybercriminals know that most private users consider regular security maintenance of their PC hard work. As a result, a lot of users have PCs that are inadequately patched and therefore easily compromised.

On a typical PC, users have to master 24 different update mechanisms to patch the 68 programs on it, in order to remediate vulnerabilities:

- 1 single update mechanism for the 29 Microsoft programs that make up 43% of the programs on the PC.
- Another 23 different update mechanisms to patch the remaining 39 programs (57%) from the 23 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 (Jul 2015 to Jun 2016).




| | Program | Unpatched | Market share | Vulns |
|---|---|---|---|---|
| 1 | Oracle Java JRE 1.8.x / 8.x | 60% | 65% | 67 |
| 2 | VLC Media Player 2.x | 66% | 43% | 8 |
| 3 | Adobe Reader XI 11.x | 64% | 22% | 215 |
| 4 | Google Picasa 3.x | 57% | 19% | 4 |
| 5 | Apple iTunes 12.x | 33% | 32% | 130 |
| 6 | Adobe Shockwave Player 12.x | 45% | 19% | 5 |
| 7 | uTorrent for Windows 3.x | 52% | 14% | 2 |
| 8 | Mozilla Firefox 45.x | 40% | 17% | 27 |
| 9 | Adobe Acrobat Reader DC 15.x | 13% | 45% | 215 |
| 10 | Microsoft Internet Explorer 11.x | 5% | 84% | 184 |

Vulns indicate number of new vulnerabilities in the last four quarters. Market share is percentage of Personal Software Inspector users who have the program installed on their PC.

## 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 64% of PCs running Adobe Reader XI 11.x, who have a 22% market share, are unpatched, 14% 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 21.x | 84% | 6 | Google Chrome 49.x | 36% |
| 2 | Microsoft SQL Server 2005 Compact Edition | 64% | 7 | Oracle Java JRE 1.7.x / 7.x | 20% |
| 3 | Microsoft XML Core Services (MSXML) 4.x | 60% | 8 | Mozilla Firefox 46.x | 18% |
| 4 | Google Chrome 50.x | 37% | 9 | Adobe Reader X 10.x | 15% |
| 5 | Apple QuickTime 7.x | 36% | 10 | 7-zip 9.x | 14% |

Disclaimers: The data in this Country Report is a snapshot taken on 2016-06-30. Because Secunia Advisories are updated continuously, as new information becomes available, data in snapshots taken on different dates may vary.
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.

Remark: The percentage of unpatched users for a program/OS is highest shortly after the release of a patch

More Information: Personal Software Inspector: http://flexerasoftware.com/svm/personal

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