



As regards further HW, essential shortcomings were revealed in the number of monitored types of devices. In particular statistical records concerning interactive boards as a basic means for interactive teaching through ICT demonstrate that schools in the Czech Republic are not prepared for modern teaching methods.

Table 20

Average number of specific ICT devices per basic school

Monitored indicator	Basic schools			Secondary schools		
	total	small	large	total	small	large
HW – printer which pupils can access	0.8	0.8	0.9	3.0	3.0	3.0
HW – slide projectors	2.8	0.6	4.0	6.0	1.4	6.5
HW – interactive boards	1.0	0.2	1.4	1.2	0.4	1.3
HW – electronic voting systems (number of sets)	–	–	–	0.1	–	0.1
Network – wireless network (WiFi) to be used by pupils	0.1	–	0.2	1.9	2.2	1.8

As regards HW its age, as one of the indicators, can be compared with the age of SW used on computers. A frequent occurrence of operation systems no longer supported by their producers was reported. This does not mean only that SW is not compatible (current applications can not be used and thus it is not possible to teach how to use them) but it is dangerous to operate them. The situation is slightly better in SSs than in BSs, but it is also markedly worse in both BSs and SSs than in large schools.

Table 21

Share of used operational systems on PCs in visited BSs and SSs (as %)

Monitored indicator	Basic schools			Secondary schools		
	total	small	large	total	small	large
Windows Vista	2.5	8.3	1.8	4.5	1.9	4.7
Windows XP	60.4	40.3	64.7	62.3	54.5	62.8
Windows 2000	23.5	36.5	19.2	16.9	31.5	16.2
Windows 98 and older	9.8	14.0	9.7	8.7	10.6	8.4
UNIX, LINUX	2.3	0.9	3.1	6.5	1.5	6.8
MAC OS	1.2	–	1.2	1.1	–	1.1
Other	0.3	–	0.3	–	–	–

The overall situation is clarified by an overview of the frequency of implementation of the state-of-the art systems for internal activities and external communication of a school. These indicators demonstrate that secondary schools use more advanced systems. The situation in BSs is rather adverse and a more considerable gap between small and large schools was observed.

Table 22

Occurrence of selected information systems in visited BSs and SSs (as %)

Monitored indicator	Basic schools			Secondary schools		
	total	small	large	total	small	large
Own web presentation	85.5	61.5	98.0	100.0	100.0	100.0
Intranet or IS for internal activities related to teaching.	60.5	34.6	74.0	92.7	80.0	94.4
IS for teaching related activities and with interface for communication with parents.	23.7	–	36.0	63.4	60.0	63.9
IS for human resources issues, accounting, assets management, and so forth.	65.8	46.2	76.0	70.7	40.0	75.0

