

# Computers in Victorian Government Schools

February 2011

This brochure provides a ready reference for the latest statistics on computer use in government schools. It is re-issued when a later set of information becomes available.

## Computers in government schools – Victoria

### 1. Summary information\*

NOTE: The target computer to student ratio for 2011 is 1:3 – changed from 1:5 in 2010

#### Statewide average computer to student ratio<sup>†</sup>

School Sector	2010	2011	Change
Primary	1:2.86	1:2.47	-13.64%
Secondary	1:2.49	1:1.89	-21.20%
<b>Statewide average</b>	1:2.68	1:2.17	-13.55%

#### Number of schools at or better than target computer to student ratio

School Sector	2010 (1:5)	2011 (1:3)	Change
(Primary) at or better than target	1,171	895	-40.65%
(Secondary) at or better than target	307	284	-37.10%
<b>Total</b>	1,478	1,179	-40.35%

#### Percentage of schools at or better than target computer to student ratio<sup>††</sup>

School Sector	2010 (1:5)	2011 (1:3)	Change
Primary	94.4%	73.60%	-21.72%
Secondary	95.3%	88.47%	-1.43%
<b>All Sectors</b>	94.6%	76.71%	-17.50%

#### Number of schools<sup>†††</sup>

School Sector	2010	2011	Change
Number of schools (Primary)	1,241	1,223	-1.45%
Number of schools (Secondary)	322	324	0.62%
<b>Total number of Schools</b>	1,563	1,547	-1.02%

#### Number of computers by category

Computer Category	2010	2011	Change
<b>Administration</b>	18,171	18,224	0.29%
<b>Curriculum</b>	201,861	250,313	24.00%
<b>Teacher and Principal Notebooks</b>	41,005	42,021	2.48%
<b>Total Computers</b>	261,037	310,558	18.97%

Source: DEECD February 2009 and 2011 Census of Computers in Schools.

\* Computer totals exclude computers located in camps.

† Minus % changes represent an improved result over the previous year.

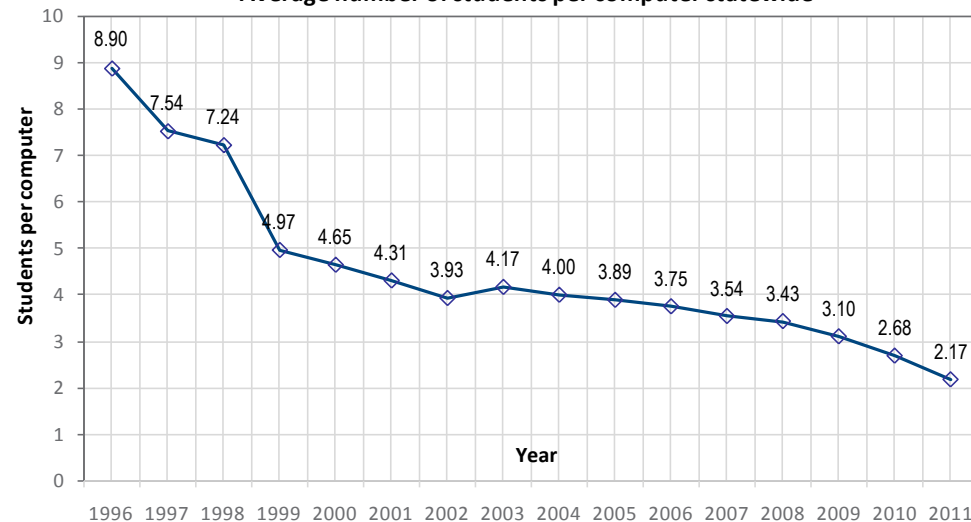
†† 2011 Percentages are based on 1537 schools with FTE students, 10 schools have no FTE enrolment and, therefore, no ratio.

††† Minus % changes represent fewer schools

## Computer Historical comparisons – Victorian Government Schools

### 2. Average computer to student ratio

Average number of students per computer statewide



Source: 2000–2011 February Census of Computers in Schools.

### 3. Average number of students per computer by school type and region

Region	Year	Primary	Sec.	Pri/Sec	Special	Lang.	Average
Barwon South Western	2011	1.86	1.63	1.49	2.05	-	1.71
	2000	4.44	4.38	3.57	3.12	-	4.32
Gippsland	2011	2.32	1.67	1.30	1.67	-	1.97
	2000	4.61	4.42	3.73	2.06	-	4.45
Grampians (Central Highlands Wimmera)	2011	1.94	1.64	1.91	2.02	-	1.83
	2000	4.81	3.8	2.89	3.02	-	4.2
Hume (Goulburn North East)	2011	1.91	1.54	2.58	1.69	-	1.81
	2000	4.48	3.94	4.39	2.68	-	4.23
Loddon Mallee (Loddon Campaspe Mallee)	2011	1.64	1.19	1.28	1.89	-	1.40
	2000	4.53	4.06	3.13	3.7	-	4.19
Eastern Metropolitan	2011	2.89	1.84	3.14	2.15	2.16	2.34
	2000	5.28	4.47	5.79	2.69	-	4.87
Northern Metropolitan	2011	2.66	2.37	2.72	1.73	1.25	2.52
	2000	5.09	4.13	3.62	2.09	-	4.54
Southern Metropolitan	2011	2.93	2.29	2.44	2.14	1.21	2.62
	2000	5.56	4.42	5.27	2.77	-	5
Western Metropolitan	2011	2.79	2.00	2.20	1.37	1.50	2.31
	2000	5.46	4.54	6.24	3.03	-	5
<b>Total</b>	2011	2.49	1.88	1.93	1.84	1.47	2.17
	2000	5.06	4.3	3.83	2.66	-	4.65

Source: enrolments – February 2011 school census; computers – Departmental February 2000 and 2011 census of computers in schools.

#### 4. Age of computers by school type

School Type	0 - 1 years	1 - 2 years	2 - 3 years	3 - 4 years	4 - 5 years	5 - 6 years	6 - 7 years	> 7 years	Total
Primary	32,769	24,605	21,306	13,940	9,217	6,514	3,311	4,278	115,940
Secondary	37,502	31,219	19,140	8,864	5,043	2,567	751	638	105,724
Pri/Sec	6,944	6,747	4,534	2,022	943	842	228	265	22,525
Special	1,666	1,255	1,229	643	371	148	52	88	5,452
Language	189	93	229	86	65	1	7	2	672
<b>Total</b>	<b>79,070</b>	<b>63,919</b>	<b>46,438</b>	<b>25,555</b>	<b>15,639</b>	<b>10,072</b>	<b>4,349</b>	<b>5,271</b>	<b>250,313</b>

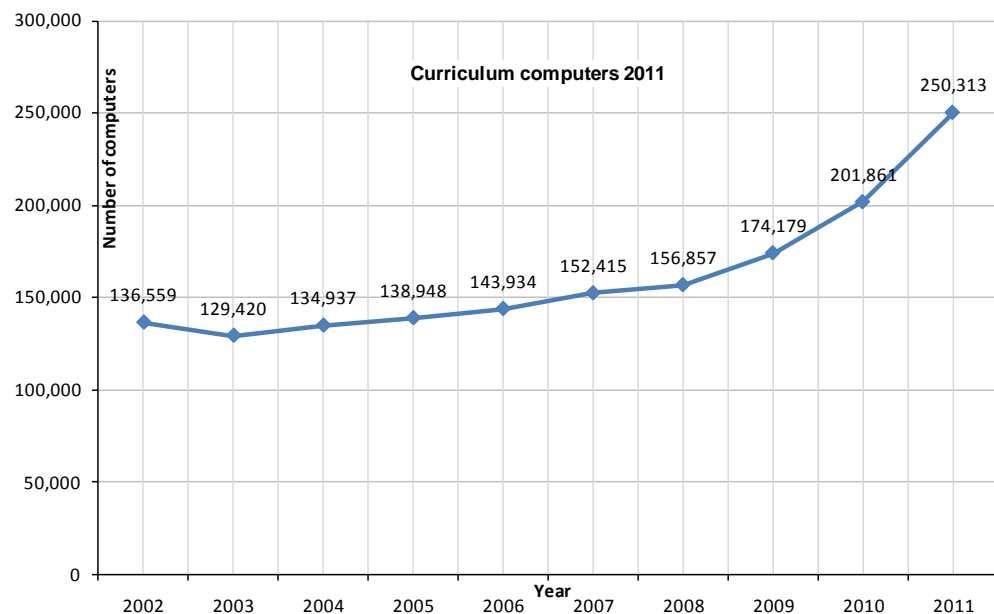
Source: DEECD February 2011 census of computers in schools

#### 5. Average number of students per computer by school type

School type	1996	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Primary	11.12	5.46	5.06	4.61	4.08	4.26	4.1	3.94	3.8	3.6	3.41	3.1	2.9	2.49
Secondary	7.01	4.54	4.3	4.19	3.86	4.23	4.04	3.94	3.76	3.56	3.55	3.21	2.53	1.88
Pri/Sec	6.84	4.09	3.83	3.83	3.51	3.38	3.35	3.49	3.54	3.19	3.29	2.92	2.35	1.93
Special	4.79	2.86	2.66	2.19	2.31	2.54	2.51	2.44	2.51	2.32	2.43	2.17	1.96	1.84
Language													1.88	1.47
<b>Overall</b>	<b>8.9</b>	<b>4.97</b>	<b>4.65</b>	<b>4.31</b>	<b>3.93</b>	<b>4.17</b>	<b>4</b>	<b>3.89</b>	<b>3.75</b>	<b>3.54</b>	<b>3.43</b>	<b>3.1</b>	<b>2.68</b>	<b>2.17</b>

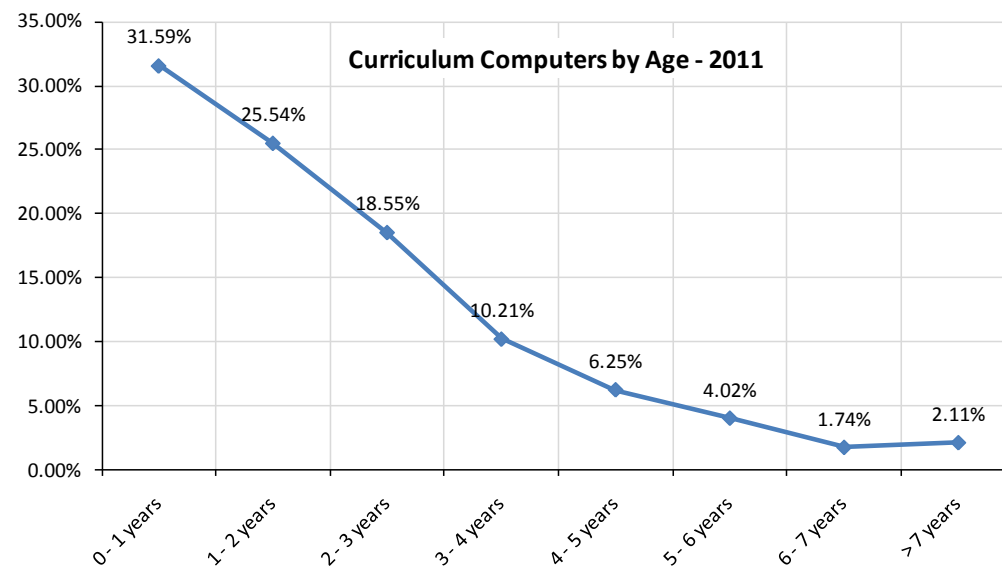
Source: DoE July 1996 computer / technology hardware survey, DEET Sept – 1999 computer survey, 2000–2011 Departmental February Census of Computers in Schools.

#### 6. Increase in computer numbers



Source: 2002–2011 DEECD February Census of Computers in Schools.

#### 7. Age of computers



Source: DEECD February 2011 census of computers in schools.

#### 8. Age (years) of computers by region (percent)

Region	Year	0 - 1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 6	6 - 7	7 +
Barwon South Western	2011	27%	25%	20%	12%	6%	6%	2%	2%
	2000		67%		15%		9%		9%
Gippsland	2011	36%	22%	16%	11%	8%	3%	2%	2%
	2000		59%		20%		9%		11%
Grampians (Central Highlands Wimmera)	2011	35%	25%	15%	10%	7%	4%	1%	3%
	2000		56%		25%		9%		9%
Hume	2011	31%	25%	20%	11%	6%	3%	2%	2%
	2000		71%		16%		7%		6%
Loddon Mallee (Loddon Campaspe Mallee)	2011	38%	30%	14%	7%	5%	4%	2%	2%
	2000		63%		16%		9%		12%
Eastern Metropolitan	2011	27%	25%	21%	11%	7%	4%	2%	3%
	2000		65%		17%		8%		10%
Northern Metropolitan	2011	28%	26%	19%	11%	8%	4%	2%	2%
	2000		61%		19%		10%		11%
Southern Metropolitan	2011	31%	25%	19%	11%	6%	5%	2%	2%
	2000		62%		20%		7%		10%
Western Metropolitan	2011	37%	26%	19%	8%	5%	3%	1%	2%
	2000		64%		19%		8%		9%
Total	2011	32%	26%	19%	10%	6%	4%	2%	2%
	2000		63%		18%		8%		10%

Source: 2000 and 2011 DEECD February census of computers in schools.