

Computers in Victorian Government Schools

February 2012

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 2012 is 1:3 for Primary and 1:2.5 for Secondary

Statewide average computer to student ratio[†]

School Sector	2011	2012	Change
Primary (target 1:3)	1:2.47	1:2.16	-12.55%
Secondary (target 1:2.5)	1:1.89	1:1.09	-40.19%
Statewide average	1:2.17	1:1.51	-30.00%

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

School Sector	2011	2012	Change
Primary at or better than 1:3 target	895	1,000	11.73%
Secondary at or better than 1:2.5 target	284	311	9.51%
Total	1,179	1,311	11.20%

Percentage of schools at or better than target computer to student ratio^{††}

School Sector 2012	2011 (1:3)	2012	Change
Primary (target 1:3)	73.60%	82.58%	8.97%
Secondary (target 1:2.5)	88.5%	95.99%	7.51%
All Sectors	76.7%	85.41%	8.70%

Number of schools^{†††}

School Sector	2011	2012	Change
Number of schools (Primary)	1,223	1,218	-0.41%
Number of schools (Secondary)	324	327	0.93%
Total number of Schools	1,547	1,545	-0.13%

Number of computers by category

Computer Category	2011	2012	Change
Administration	18,224	20,128	10.45%
Curriculum	250,313	363,441	45.19%
Teacher and Principal Notebooks	42,021	40,874	-2.73%
Total Computers	310,558	424,443	36.67%

Source: DEECD February 2011 and 2012 Census of Computers in Schools.

* Computer totals exclude computers located in camps.

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

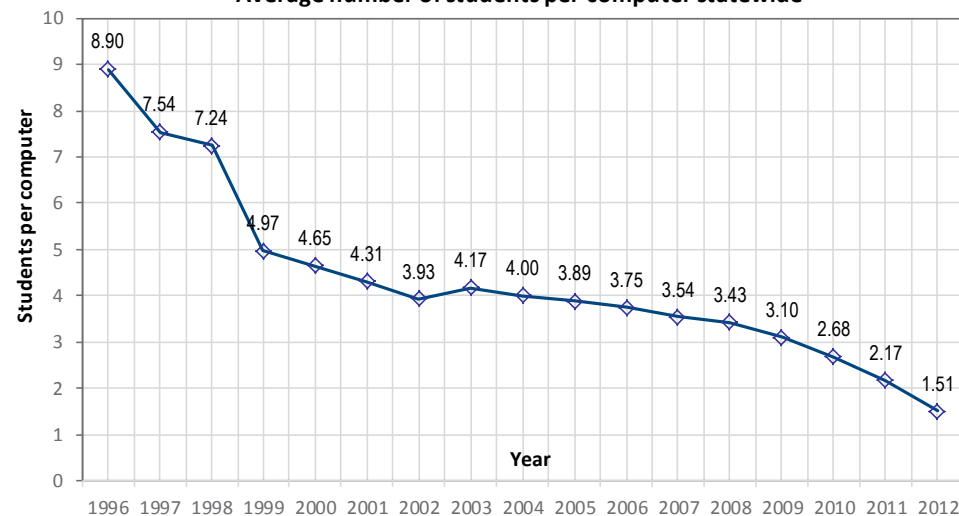
†† 2012 Percentages are based on 1535 schools with FTE students, 10 schools have no FTE enrolment and, therefore, no ratio.

††† 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: 2000–2012 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	2012	1.73	1.02	1.15	1.16	-	1.31
	2000	4.44	4.38	3.57	3.12	-	4.32
Gippsland	2012	2.01	0.97	0.94	1.02	-	1.36
	2000	4.61	4.42	3.73	2.06	-	4.45
Grampians (Central Highlands Wimmera)	2012	1.85	1.02	1.45	1.22	-	1.43
	2000	4.81	3.8	2.89	3.02	-	4.2
Hume (Goulburn North East)	2012	1.67	0.91	1.38	1.14	-	1.26
	2000	4.48	3.94	4.39	2.68	-	4.23
Loddon Mallee (Loddon Campaspe Mallee)	2012	1.41	0.77	0.93	1.00	-	1.03
	2000	4.53	4.06	3.13	3.7	-	4.19
Eastern Metropolitan	2012	2.56	1.01	1.22	1.49	1.32	1.57
	2000	5.28	4.47	5.79	2.69	-	4.87
Northern Metropolitan	2012	2.43	1.26	1.74	1.14	0.70	1.75
	2000	5.09	4.13	3.62	2.09	-	4.54
Southern Metropolitan	2012	2.64	1.16	1.83	1.22	1.28	1.76
	2000	5.56	4.42	5.27	2.77	-	5
Western Metropolitan	2012	2.32	1.02	1.51	1.13	0.87	1.49
	2000	5.46	4.54	6.24	3.03	-	5
Total	2012	2.22	1.04	1.36	1.19	1.10	1.51
	2000	5.06	4.3	3.83	2.66	-	4.65

Source: enrolments – February 2012 school census; computers – Departmental February 2000 and 2012 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	32,663	34,912	22,534	17,693	11,041	6,392	3,665	3,927	132,827
Secondary	94,607	39,837	29,823	15,418	5,189	2,969	1,039	586	189,468
Pri/Sec	12,788	6,812	5,725	3,442	1,349	532	456	314	31,418
Special	3,738	1,916	1,325	1,059	433	181	56	41	8,749
Language	386	197	76	225	49	43	1	2	979
Total	144,182	83,674	59,483	37,837	18,061	10,117	5,217	4,870	363,441

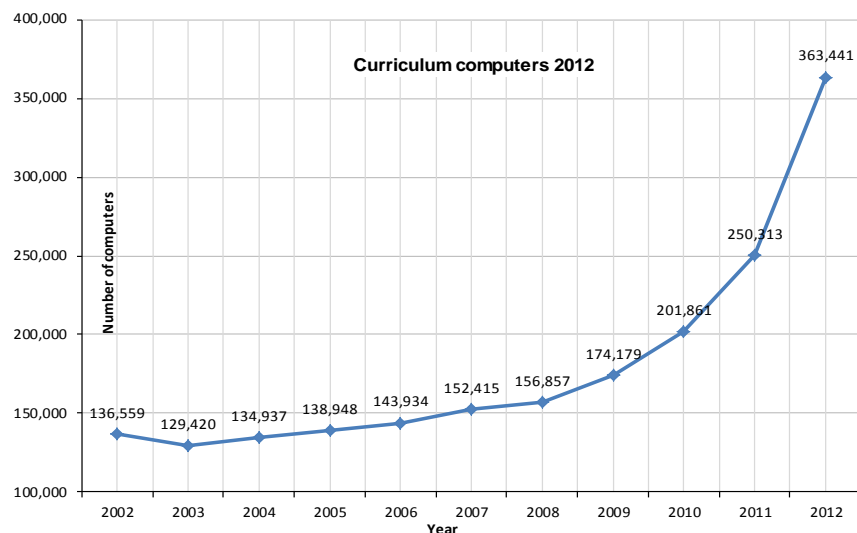
Source: DEECD February 2012 census of computers in schools

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	2012
Primary	11.12	5.46	5.06	4.61	4.08	4.26	4.10	3.94	3.80	3.60	3.41	3.10	2.90	2.49	2.22
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	1.04
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	1.36
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	1.19
Language	0	0	0	0	0	0	0	0	0	0	0	0	1.88	1.47	1.10
Overall	8.9	4.97	4.65	4.31	3.93	4.17	4.00	3.89	3.75	3.54	3.43	3.10	2.68	2.17	1.51

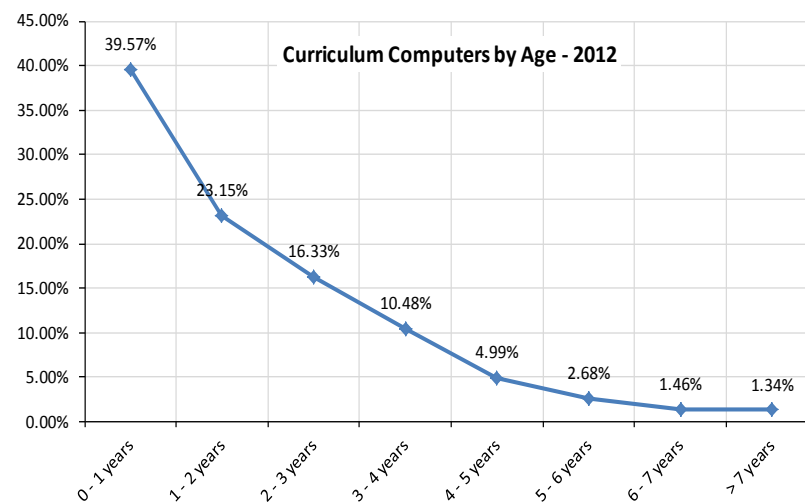
Source: DoE July 1996 computer / technology hardware survey, DEET Sept – 1999 computer survey, 2000–2012 Departmental February Census of Computers in Schools.

6. Increase in computer numbers



Source: 2002–2012 DEECD February Census of Computers in Schools.

7. Age of computers



Source: DEECD February 2012 census of computers in schools.

8. Age (years) of computers by region (per cent)

Region	Year	0 - 1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 6	6 - 7	7 +
Barwon South Western	2012	37.80%	21.73%	17.69%	10.28%	6.45%	2.29%	2.17%	1.60%
	2000		67.00%		15.00%		9.00%		9.00%
Gippsland	2012	36.09%	26.38%	14.54%	10.42%	6.13%	4.15%	1.14%	1.14%
	2000		59.00%		20.00%		9.00%		11.00%
Grampians (Central Highlands Wimmera)	2012	34.31%	26.32%	16.88%	7.51%	6.70%	4.08%	2.36%	1.83%
	2000		56.00%		25.00%		9.00%		9.00%
Hume	2012	36.03%	23.35%	16.76%	11.74%	6.31%	2.36%	1.63%	1.83%
	2000		71.00%		16.00%		7.00%		6.00%
Loddon Mallee (Loddon Campaspe Mallee)	2012	35.75%	27.12%	20.30%	8.93%	3.59%	1.78%	1.65%	0.88%
	2000		63.00%		16.00%		9.00%		12.00%
Eastern Metropolitan	2012	39.27%	21.11%	16.48%	11.71%	5.11%	2.99%	1.28%	2.05%
	2000		65.00%		17.00%		8.00%		10.00%
Northern Metropolitan	2012	39.17%	21.11%	16.69%	11.05%	5.28%	4.04%	1.58%	1.08%
	2000		61.00%		19.00%		10.00%		11.00%
Southern Metropolitan	2012	43.50%	21.66%	15.21%	10.08%	4.36%	2.68%	1.23%	1.27%
	2000		62.00%		20.00%		7.00%		10.00%
Western Metropolitan	2012	44.09%	24.30%	14.46%	10.08%	3.80%	1.70%	0.95%	0.64%
	2000		64.00%		19.00%		8.00%		9.00%
Total	2012	39.67%	23.02%	16.37%	10.41%	4.97%	2.78%	1.44%	1.34%
	2000		63.00%		18.00%		8.00%		10.00%

Source: 2000 and 2012 DEECD February census of computers in schools.