

# Computers in Victorian Government Schools \*

## Attachment 1

Results as at 28 February 2017

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: Results shown for 2016 and 2017 include bring your own devices (BYODs).

#### State-wide average computer to student ratio†

School Sector	2016	2017	Change
Primary	1:1.46	1:1.36	-6.53%
Secondary	1:0.94	1:0.91	-3.01%
<b>Statewide average</b>	<b>1:1.18</b>	<b>1:1.13</b>	<b>-4.43%</b>

#### Number of schools at or better than 1:1 computer to student ratio††

School Sector	2016	2017	Change
Primary at or better than target	338	375	10.95%
Secondary at or better than target	204	222	8.82%
<b>Total</b>	<b>542</b>	<b>597</b>	<b>10.15%</b>

#### Percentage of schools at or better than 1:1 computer to student ratio

School Sector	2016	2017	Change
Primary	28.14%	31.17%	10.76%
Secondary	63.55%	68.73%	8.15%
<b>All Sectors</b>	<b>35.61%</b>	<b>39.12%</b>	<b>9.86%</b>

#### Number of schools

School Sector	2016	2017	Change
Number of schools (Primary)	1,207	1,209	0.17%
Number of schools (Secondary)	325	327	0.62%
<b>Total number of Schools</b>	<b>1,532</b>	<b>1,536</b>	<b>0.26%</b>

#### Number of computers by category†††

Computer Category	2016	2017	Change
Administration	33,062	34,967	5.76%
Curriculum	498,050	535,856	7.59%
Teacher and Principal Notebooks	40,549	49,866	22.98%
<b>Total Computers</b>	<b>571,661</b>	<b>620,689</b>	<b>8.58%</b>

Source: DET February 2016 and 2017 Census of Computers in Schools.

\* The results for 2016 and 2017 presented in this report include both school/state funded and Bring Your Own (BYOD) computers.

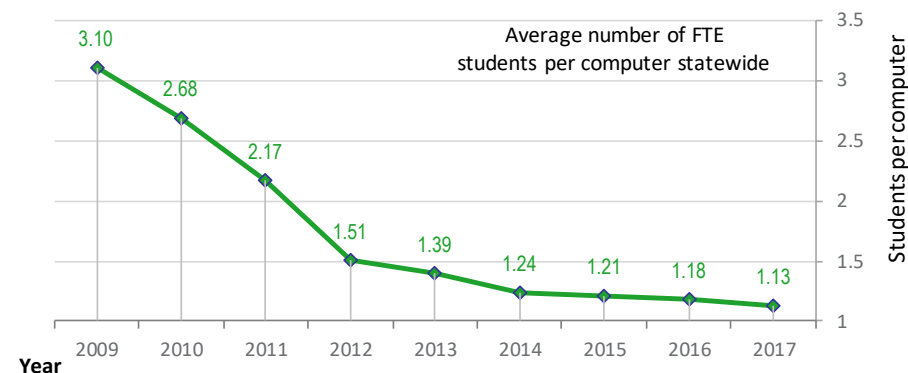
† Minus % changes represent an improved result over the previous year.

†† 2017 ratios include 1526 schools with FTE students, 10 schools have no FTE enrolment and, therefore, no ratio.

††† Data for Teacher and Principal Notebooks (eduSTAR.NTP) is collected separately from the Census.

## Computer historical comparisons – Victorian Government Schools

### 2. Average computer to student ratio



Source: 2009–2017 February Census of Computers in Schools.

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

School Type	2009	2010	2011	2012	2013	2014	2015	2016	2017
Primary	3.10	2.90	2.49	2.22	1.98	1.69	1.59	1.49	1.39
Secondary	3.21	2.53	1.88	1.04	0.98	0.89	0.89	0.90	0.87
Pri/Sec	2.92	2.35	1.93	1.36	1.32	1.19	1.22	1.15	1.11
Special	2.17	1.96	1.84	1.19	1.12	1.00	0.98	0.98	0.95
Language	0.00	1.88	1.47	1.10	0.99	1.43	1.24	1.20	1.27
<b>Overall</b>	<b>3.10</b>	<b>2.68</b>	<b>2.17</b>	<b>1.51</b>	<b>1.39</b>	<b>1.24</b>	<b>1.21</b>	<b>1.18</b>	<b>1.13</b>

Source: DET 2009–2017 Census of Computers in Schools.

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

Region	Language	Pri/Sec	Primary	Secondary	Special	Average
North Eastern		1.49	1.03	1.38	0.85	1.04
North Western		2.19	1.06	1.35	0.91	0.99
South Eastern		1.30	1.39	1.55	0.86	0.89
South Western		0.88	1.13	1.26	0.88	0.91
<b>State-wide 2017</b>		<b>1.27</b>	<b>1.11</b>	<b>1.39</b>	<b>0.87</b>	<b>1.13</b>
<b>State-wide 2016</b>		<b>1.20</b>	<b>1.15</b>	<b>1.49</b>	<b>0.90</b>	<b>1.21</b>

Source: DET February 2017 student enrolment census and 2017 February Census of Computers in Schools.

### 5. Number of student full time equivalent numbers by school type

School Type	2016	2017	Change
Language	1,409.0	1,633.0	15.90%
Pri/Sec	47,460.5	49,558.3	4.42%
Primary	326,202.7	335,723.6	2.92%
Secondary	201,411.9	204,186.8	1.38%
Special	12,424.5	12,693.3	2.16%
<b>Total enrolment</b>	<b>588,908.6</b>	<b>603,795.0</b>	<b>2.53%</b>

Source: DET February 2017 Student Census.

## 6. Number of curriculum computers by age and 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 + BYO
Camp	0	48	102	4	3	1	0	1	159
Primary	46,228	56,420	39,329	36,763	27,106	16,144	10,424	9,496	241,910
Secondary	54,582	60,089	41,014	21,257	16,849	27,471	6,043	7,049	234,354
Pri/Sec	9,670	11,542	6,102	5,636	3,988	4,731	1,417	1,447	44,533
Special	1,970	1,813	2,056	2,527	1,621	2,199	564	867	13,617
Language	150	161	243	75	374	197	57	26	1,283
<b>State-wide Total 2017</b>	<b>112,600</b>	<b>130,073</b>	<b>88,846</b>	<b>66,262</b>	<b>49,941</b>	<b>50,743</b>	<b>18,505</b>	<b>18,886</b>	<b>535,856</b>
State-wide Total 2016	144,215	95,476	87,519	60,550	62,410	23,510	14,217	10,153	498,050

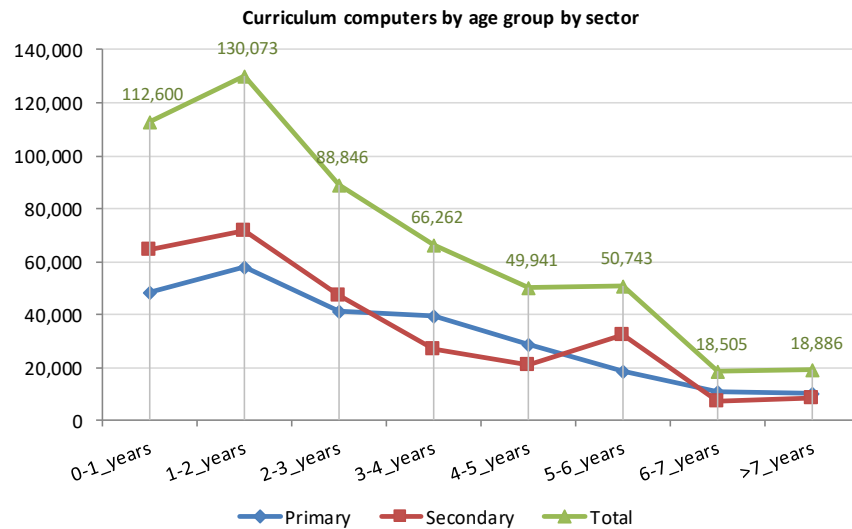
Source: DET February 2017 Census of Computers in Schools.

## 7. Number of curriculum computers by age and by region

Region	0 - 1 years	1 - 2 years	2 - 3 years	3 - 4 years	4 - 5 years	5 - 6 years	6 - 7 years	> 7 years	Total
North-Eastern Victoria	25,517	32,129	21,420	15,408	11,903	12,106	4,387	5,749	128,619
North-Western Victoria	23,009	27,759	19,587	14,099	11,400	11,832	5,125	5,126	117,937
South-Eastern Victoria	31,734	34,513	23,464	16,836	14,305	14,208	4,596	3,347	143,003
South-Western Victoria	32,340	35,672	24,375	19,919	12,333	12,597	4,397	4,664	146,297
<b>State-wide Total 2017</b>	<b>112,600</b>	<b>130,073</b>	<b>88,846</b>	<b>66,262</b>	<b>49,941</b>	<b>50,743</b>	<b>18,505</b>	<b>18,886</b>	<b>535,856</b>
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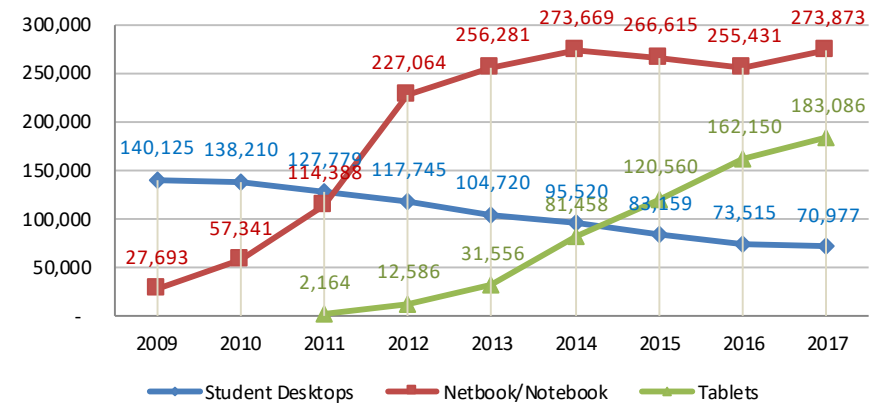
## 8. Age of curriculum computers statewide and by sector



Source: DET February 2017 Census of Computers in Schools.

## 9. Number of curriculum computers by type

**All Sector Desktop vs Netbook/Notebook vs Tablet including BYODs**

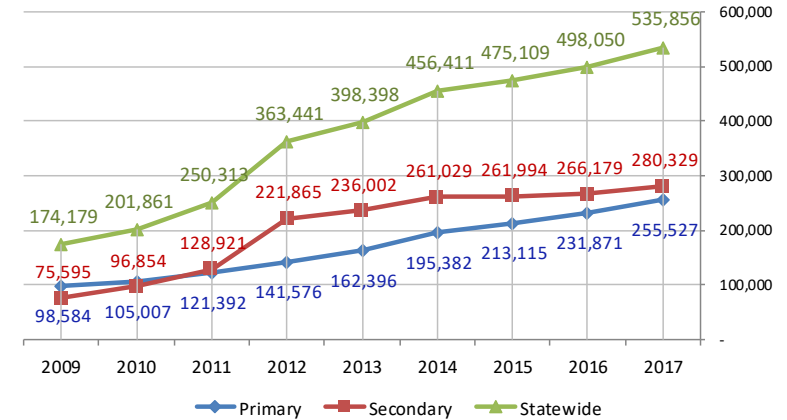


Source: 2009–2017 DET February Census of Computers in Schools.

Note: these results reflect student facing curriculum devices only and excludes curriculum servers.

## 10. Curriculum computer fleet comparison statewide and by sector

**Computer Fleet statewide and by sector**



Source: 2009–2017 DET February Census of Computers in Schools..

## 11. Statewide curriculum computer fleet by ownership

Ownership	2016	2017	Change
State / School/Co-contribution	361,267	371,656	2.88%
BYOD	136,783	164,200	20.04%
<b>Total</b>	<b>498,050</b>	<b>535,856</b>	<b>7.59%</b>

Source: 2016 and 2017 DET February Census of Computers in Schools.