

# Computers in Victorian Government Schools \*

Results as at 27 February 2015

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 2015 is 1:2.5 for Primary and 1:1.5 for Secondary. Results shown for 2014 and 2015 include bring your own devices (BYODs).

#### State-wide average computer to student ratio<sup>†</sup>

| School Sector            | 2014          | 2015          | Change        |
|--------------------------|---------------|---------------|---------------|
| Primary                  | 1:1.65        | 1:1.55        | -6.00%        |
| Secondary                | 1:0.93        | 1:0.94        | 0.95%         |
| <b>Statewide average</b> | <b>1:1.24</b> | <b>1:1.21</b> | <b>-2.09%</b> |

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

| School Sector                      | 2014         | 2015         | Change       |
|------------------------------------|--------------|--------------|--------------|
| Primary at or better than target   | 1,035        | 1,068        | 3.19%        |
| Secondary at or better than target | 289          | 289          | 0.00%        |
| <b>Total</b>                       | <b>1,324</b> | <b>1,357</b> | <b>2.49%</b> |

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

| School Sector      | 2014          | 2015          | Change |
|--------------------|---------------|---------------|--------|
| Primary            | 85.89%        | 88.48%        | 2.59%  |
| Secondary          | 90.60%        | 90.31%        | -0.28% |
| <b>All Sectors</b> | <b>86.88%</b> | <b>88.87%</b> | 1.99%  |

#### Number of schools

| School Sector                  | 2014         | 2015         | Change |
|--------------------------------|--------------|--------------|--------|
| Number of schools (Primary)    | 1,212        | 1,213        | 0.08%  |
| Number of schools (Secondary)  | 324          | 324          | 0.00%  |
| <b>Total number of Schools</b> | <b>1,536</b> | <b>1,537</b> | 0.07%  |

#### Number of computers by category<sup>†††</sup>

| Computer Category               | 2014           | 2015           | Change |
|---------------------------------|----------------|----------------|--------|
| Administration                  | 29,000         | 33,702         | 16.21% |
| Curriculum                      | 456,411        | 475,109        | 4.10%  |
| Teacher and Principal Notebooks | 40,933         | 40,230         | -1.72% |
| <b>Total Computers</b>          | <b>526,344</b> | <b>549,041</b> | 4.31%  |

Source: DEECD February 2014 and 2015 Census of Computers in Schools.

\* The results for 2014 and 2015 presented in this report include both school/state funded and Bring Your Own (BYOD) computers.

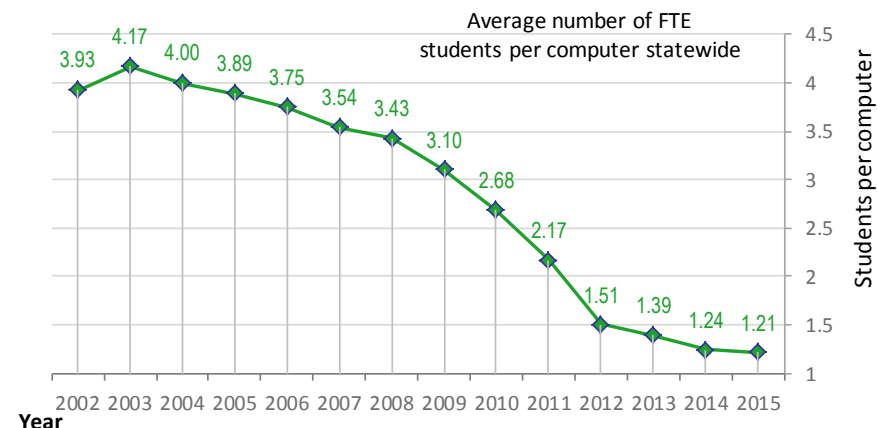
† Minus % changes represent an improved result over the previous year.

†† 2015 ratios include 1527 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: 2002–2015 February Census of Computers in Schools.

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

| School Type    | 2002        | 2003        | 2004        | 2005        | 2006        | 2007        | 2008        | 2009        | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Primary        | 4.08        | 4.26        | 4.10        | 3.94        | 3.80        | 3.60        | 3.41        | 3.10        | 2.90        | 2.49        | 2.22        | 1.98        | 1.69        | 1.59        |
| Secondary      | 3.86        | 4.23        | 4.04        | 3.94        | 3.76        | 3.56        | 3.55        | 3.21        | 2.53        | 1.88        | 1.04        | 0.98        | 0.89        | 0.89        |
| Pri/Sec        | 3.51        | 3.38        | 3.35        | 3.49        | 3.54        | 3.19        | 3.29        | 2.92        | 2.35        | 1.93        | 1.36        | 1.32        | 1.19        | 1.22        |
| Special        | 2.31        | 2.54        | 2.51        | 2.44        | 2.51        | 2.32        | 2.43        | 2.17        | 1.96        | 1.84        | 1.19        | 1.12        | 1.00        | 0.98        |
| Language       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 1.88        | 1.47        | 1.10        | 0.99        | 1.43        | 1.24        |
| <b>Overall</b> | <b>3.93</b> | <b>4.17</b> | <b>4.00</b> | <b>3.89</b> | <b>3.75</b> | <b>3.54</b> | <b>3.43</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> |

Source: DEECD 2002–2015 Census of Computers in Schools.

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

|                        | Language | Pri/Sec     | Primary     | Secondary   | Special     | Average     |             |
|------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| North Eastern          |          | 1.49        | 1.01        | 1.67        | 0.89        | 1.13        | 1.23        |
| North Western          |          | 1.18        | 1.14        | 1.52        | 0.91        | 1.02        | 1.20        |
| South Eastern          |          | 1.63        | 1.47        | 1.78        | 0.93        | 0.99        | 1.32        |
| South Western          |          | 0.77        | 1.30        | 1.38        | 0.84        | 0.87        | 1.12        |
| <b>State-wide 2015</b> |          | <b>1.24</b> | <b>1.22</b> | <b>1.59</b> | <b>0.89</b> | <b>0.98</b> | <b>1.21</b> |
| <b>State-wide 2014</b> |          | <b>1.43</b> | <b>1.19</b> | <b>1.69</b> | <b>0.89</b> | <b>1.00</b> | <b>1.24</b> |

Source: DEECD February 2015 student enrolment census and 2015 February Census of Computers in Schools.

### 5. 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                         | 102           | 6              | 51            | 3             | 0             | 0             | 1             | 0            | 163            |
| Primary                      | 40,849        | 51,170         | 40,720        | 29,884        | 17,113        | 10,317        | 5,910         | 4,792        | 200,755        |
| Secondary                    | 46,312        | 43,313         | 43,031        | 57,951        | 17,626        | 10,003        | 3,430         | 1,404        | 223,070        |
| Pri/Sec                      | 8,694         | 8,604          | 7,617         | 8,619         | 2,061         | 973           | 738           | 301          | 37,607         |
| Special                      | 2,032         | 3,209          | 2,239         | 2,791         | 927           | 732           | 267           | 163          | 12,360         |
| Language                     | 246           | 82             | 318           | 287           | 96            | 99            | 9             | 17           | 1,154          |
| <b>State-wide Total 2014</b> | <b>98,235</b> | <b>106,384</b> | <b>93,976</b> | <b>99,535</b> | <b>37,823</b> | <b>22,124</b> | <b>10,355</b> | <b>6,677</b> | <b>475,109</b> |
| State-wide Total 2014        | 90,400        | 94,571         | 145,238       | 56,806        | 35,567        | 19,190        | 8,761         | 5,878        | 456,411        |

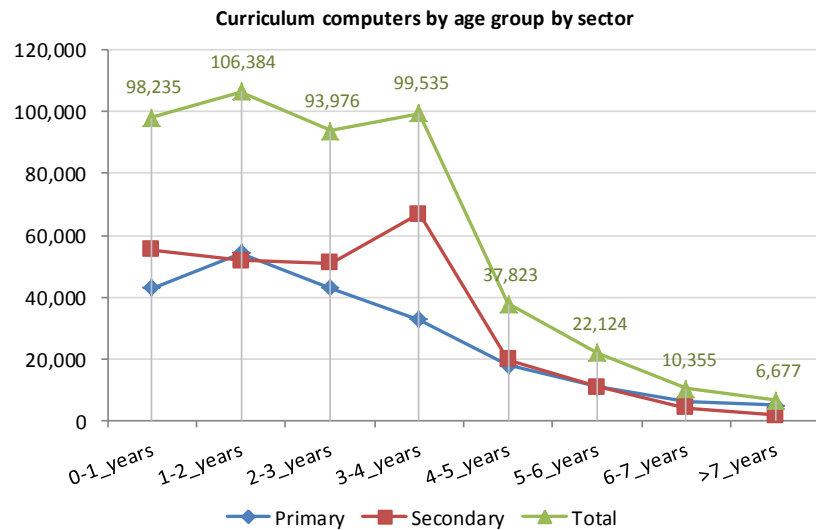
Source: DEECD February 2015 February Census of Computers in Schools.

### 6. 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       | 22,089        | 23,854         | 23,722        | 24,264        | 7,763         | 5,484         | 2,668         | 2,036        | 111,880        |
| North-Western Victoria       | 19,968        | 24,699         | 19,890        | 22,364        | 9,863         | 5,036         | 2,185         | 1,259        | 105,264        |
| South-Eastern Victoria       | 26,088        | 27,389         | 24,100        | 25,426        | 10,131        | 6,303         | 2,329         | 1,414        | 123,180        |
| South-Western Victoria       | 30,090        | 30,442         | 26,264        | 27,481        | 10,066        | 5,301         | 3,173         | 1,968        | 134,785        |
| <b>State-wide Total 2015</b> | <b>98,235</b> | <b>106,384</b> | <b>93,976</b> | <b>99,535</b> | <b>37,823</b> | <b>22,124</b> | <b>10,355</b> | <b>6,677</b> | <b>475,109</b> |
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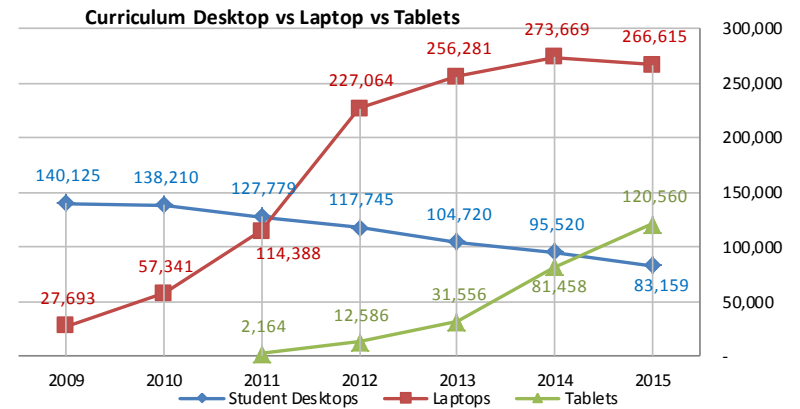
Source: DEECD February 2015 February Census of Computers in Schools.

### 7. Age of curriculum computers by statewide and by sector



Source: DEECD February 2015 Census of Computers in Schools.

### 8. Number of curriculum computers by type

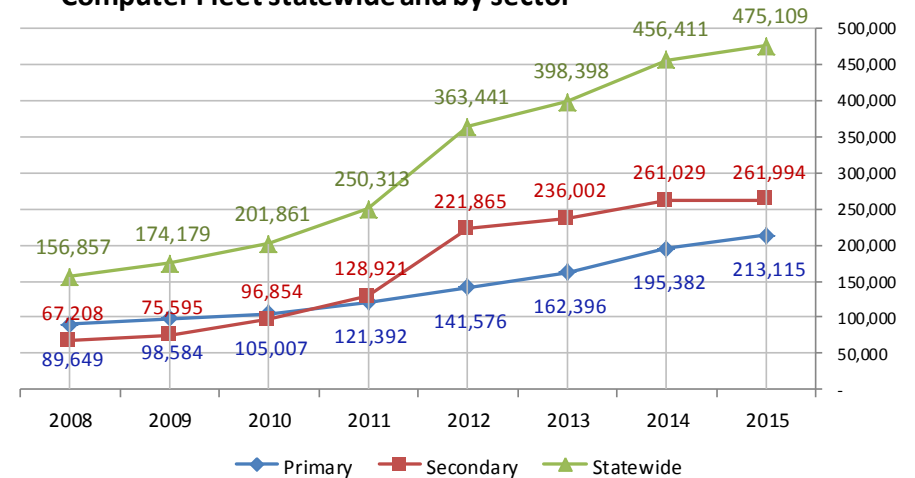


Source: 2009–2015 DEECD February Census of Computers in Schools.

Note: these results reflect student facing curriculum devices only and excludes server devices for each year.

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

#### Computer Fleet statewide and by sector



Source: 2008–2015 DEECD February Census of Computers in Schools.

### 10. Statewide curriculum computer fleet by ownership

| Ownership                      | 2014           | 2015           | Change       |
|--------------------------------|----------------|----------------|--------------|
| State / School/Co-contribution | 421,044        | 392,899        | -6.68%       |
| BYOD                           | 35,367         | 82,210         | 132.45%      |
| <b>Total</b>                   | <b>456,411</b> | <b>475,109</b> | <b>4.10%</b> |

Source: 2014 and 2015 DEECD February Census of Computers in Schools.