Computers in Victorian Government Schools

###### Results as at 28 February 2019

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

### Summary information

Statewide average computer to student ratio**†**

|  |  |  |  |
| --- | --- | --- | --- |
| School Sector | **2018** | **2019** | **Change** |
| Primary | 1:1.29 | 1:1.22 | -4.93% |
| Secondary | 1:0.92 | 1:0.93 | 0.39% |
| **Statewide average** | **1:1.10** | **1:1.08** | **-2.38%** |

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

| School Sector | **2018** | **2019** | **Change** |
| --- | --- | --- | --- |
| Primary at or better than target  | 413 | 465 | **12.59%** |
| Secondary at or better than target | 223 | 227 | **1.79%** |
| **Total** | **636** | **692** | **8.81%** |

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

| School Sector  | **2018** | **2019** | **Change** |
| --- | --- | --- | --- |
| Primary  | 34.39% | 38.65% | 12.40% |
| Secondary  | 67.99% | 68.37% | 0.57% |
| **All Sectors** | **41.60%** | **45.08%** | 8.38% |

Number of schools included

| School Sector | **2018** | **2019** | **Change** |
| --- | --- | --- | --- |
| Number of schools (Primary) | 1,208 | 1,210 | 0.17% |
| Number of schools (Secondary) | 332 | 336 | 1.20% |
| **Total number of Schools** | **1,540** | **1,546** | 0.39% |

Number of computers by category

| Computer Category | **2018** | **2019** | **Change** |
| --- | --- | --- | --- |
| Administration | 36,083 | 42,484 | 17.74% |
| Curriculum | 561,415 | **586,879** | 4.54% |
| Teacher and Principal Notebooks††† | 50,495 | 52,545 | 4.06% |
| **Total Computers** | 647,993 | **681,908** | 5.23% |

Source: DET February 2018 and 2019 Census of Computers in Schools.

Results include school/state funded and Bring Your Own (BYOD) computers.

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

### †† 2019 ratios include 1535 schools with FTE students, 11 schools have no FTE enrolment and, therefore, no ratio.

### ††† Due to a change in process the 2018 numbers have been re-baselined to enable a proper comparison with the 2019 results.

## Computer historical comparisons – Victorian Government Schools

### Average number of FTE students per computer

Source: 2009–2019 February Census of Computers in Schools.

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

| *School Type* | *2009* | *2010* | *2011* | *2012* | *2013* | *2014* | *2015* | *2016* | *2017* | *2018* | *2019* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Primary | 3.10 | 2.90 | 2.49 | 2.22 | 1.98 | 1.69 | 1.59 | 1.49 | 1.39 | 1.31 | 1.24 |
| Secondary | 3.21 | 2.53 | 1.88 | 1.04 | 0.98 | 0.89 | 0.89 | 0.90 | 0.87 | 0.89 | 0.90 |
| Pri/Sec | 2.92 | 2.35 | 1.93 | 1.36 | 1.32 | 1.19 | 1.22 | 1.15 | 1.11 | 1.10 | 1.05 |
| Special | 2.17 | 1.96 | 1.84 | 1.19 | 1.12 | 1.00 | 0.98 | 0.98 | 0.95 | 0.87 | 0.90 |
| Language | 0.00 | 1.88 | 1.47 | 1.10 | 0.99 | 1.43 | 1.24 | 1.20 | 1.27 | 1.17 | 1.04 |
| **Overall** | **3.10** | **2.68** | **2.17** | **1.51** | **1.39** | **1.24** | **1.21** | **1.18** | **1.13** | **1.10** | **1.08** |

Source: DET 2009–2019 Census of Computers in Schools.

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

| *Region* | *Language* | *Pri/Sec* | *Primary* | *Secondary* | *Special* | *Average* |
| --- | --- | --- | --- | --- | --- | --- |
| North Eastern | 2.14 | 0.86 | 1.26 | 0.89 | 0.98 | **1.07** |
| North Western | 1.42 | 1.16 | 1.22 | 0.91 | 0.91 | **1.09** |
| South Eastern | 0.77 | 1.12 | 1.32 | 0.93 | 0.86 | **1.13** |
| South Western | 0.97 | 1.04 | 1.14 | 0.87 | 0.88 | **1.02** |
| **State-wide 2019** | **1.04** | **1.05** | **1.24** | **0.90** | **0.90** | **1.08** |
| ***State-wide 2018*** | *1.17* | *1.10* | *1.31* | *0.89* | *0.87* | *1.10* |

Source: DET February 2019 student enrolment census and 2019 February Census of Computers in Schools.

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

| School Sector | **2018** | **2019** | **Change** |
| --- | --- | --- | --- |
| Primary | 357,130.9 | 362,943.1 | 1.63% |
| Secondary | 261,715.9 | 268,510.1 | 2.60% |
| **Total enrolment** | 618,846.8 | 631,453.2 | 2.04% |

Source: DET February 2019 Student Census.

### 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* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Camp | 48 | 93 | 2 | 1 | 2 | 4 | 1 | 2 | 153 |
| Primary | 50,264 | 56,226 | 47,212 | 40,315 | 25,168 | 25,662 | 17,751 | 19,529 | 282,127 |
| Secondary | 56,771 | 49,510 | 43,348 | 36,328 | 17,354 | 10,571 | 6,409 | 15,098 | 235,389 |
| Pri/Sec | 10,268 | 9,452 | 9,494 | 9,165 | 4,173 | 3,792 | 2,698 | 3,458 | 52,500 |
| Special | 2,327 | 2,918 | 2,044 | 1,256 | 1,820 | 1,865 | 939 | 1,858 | 15,027 |
| Language | 476 | 406 | 149 | 168 | 92 | 45 | 207 | 140 | 1,683 |
| **State-wide Total 2019** | **120,154** | **118,605** | **102,249** | **87,233** | **48,609** | **41,939** | **28,005** | **40,085** | **586,879** |
| *State-wide Total 2018* | *120,095* | *107,481*  | *116,774*  | *64,485*  | *52,210*  | *38,445* | *35,501*  | *26,424*  | *561,415*  |

Source: DET February 2019 Census of Computers in Schools.

### 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 | 26,548 | 26,604 | 24,891 | 20,318 | 9,953 | 9,358 | 7,372 | 10,528 | 135,572 |
| North-Western Victoria | 26,328 | 26,358 | 20,043 | 18,272 | 12,590 | 9,028 | 6,417 | 8,725 | 127,761 |
| South-Eastern Victoria | 33,964 | 31,066 | 29,584 | 23,601 | 11,764 | 10,776 | 7,396 | 10,147 | 158,298 |
| South-Western Victoria | 33,314 | 34,577 | 27,731 | 25,042 | 14,302 | 12,777 | 6,820 | 10,685 | 165,248 |
| **State-wide Total 2019** | **120,154** | **118,605** | **102,249** | **87,233** | **48,609** | **41,939** | **28,005** | **40,085** | **586,879** |
| *State-wide Total 2018* | *120,095*  |  *107,1*  | *116,774*  | *64,485*  | *52,210*  | *38,445*  | *35,501*  | *26,424*  | *561,415*  |

Source: DET February 2019 Census of Computers in Schools.

### Age of curriculum computers statewide and by sector



Source: DET February 2019 Census of Computers in Schools.

### Number of curriculum computers by type



Source: 2009–2019 DET February Census of Computers in Schools.

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

### Curriculum computer fleet comparison statewide and by sector



### Source: 2009–2019 DET February Census of Computers in Schools..

### Statewide curriculum computer fleet by ownership

| **Ownership** | **2018** | **2019** | **Change** |
| --- | --- | --- | --- |
| State / School/Co-contribution | 375,108 | 382,944 | 2.09% |
| BYOD | 186,307 | 203,935 | 9.46% |
| **Total**  | **561,415** | **586,879** | 4.54% |

### Source: 2018 and 2019 DET February Census of Computers in Schools.