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

Graph of curriculum computers by age.
Shows Primary and Secondary sectors and total from 0 to 1 year old to greater than 7 years old.
Seventy three per cent of curriculum computers are less than or equal to four years old

Source: DET February 2019 Census of Computers in Schools.

### Number of curriculum computers by type

Graph shows steady increase of Netbooks, Notebooks and Tablets over the last four years plus the steady decline in desktop computers. Eighty eight per cent of curriculum computers are now mobile devices.


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

Graph shows steady increase of curriculum fleet since 2014. The primary sector has maintained regular growth and the secondary sector has flatter growth since the digital education revolution completed. 

### 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.