

Why do the growth rates of students, enrolments and hours differ so much between 2006 and 2007?

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Introduction

Data in the 2007 VET Provider Collection display some large and unusual movements by comparison with 2006. In general, one would expect to see a close correlation between the growth in the number of students, the number of subject enrolments and the number of hours of delivery. However, table 1 shows that in a number of states and territories there are large discrepancies in the 2006–07 growth.

Table 1 Students, enrolments and hours, 2006 and 2007

	Student numbers (2006–07 % growth)	Subject enrolments (2006–07 % growth)	Hours of delivery (2006–07 % growth)	Absolute difference between student and enrolment growth (% points)	Absolute difference between hours and enrolment growth (% points)	Absolute difference between students and hours growth (% points)
New South Wales	-2.9	0.7	2.6	3.6	2.0	5.5
Victoria	0.4	2.9	*	2.5	-	*
Queensland	-2.1	2.3	1.0	4.4	1.3	3.1
South Australia	1.1	12.8	7.9	11.7	4.9	6.9
Western Australia	3.7	0.9	1.1	2.8	0.2	2.6
Tasmania	5.0	8.1	8.4	3.1	0.3	3.4
Northern Territory	4.3	3.5	-0.4	0.8	3.9	4.7
Australian Capital Territory	1.7	1.3	-6.7	0.4	8.0	8.4
AUSTRALIA	-0.7	2.6	*	3.2	-	*
AUSTRALIA (excluding Victoria)	-1.1	2.5	2.4	3.5	0.0	3.5

Note: * Calculations for national percentage change in hours of delivery exclude Victorian data due to the break in series for hours of delivery. Standard nominal hours were introduced in Victoria for 2007 but could not be back cast to 2006.

The differences in table 1 that are notably large have been bolded. Of interest is whether any explanation can be provided for these cells. While we are not in a position to explain why behaviour has changed, some simple statistical analysis can highlight what lies behind the numbers.

Data analysis

Our main interest is the relationship between students and the primary measure of training—hours. The relationship between students and hours is best looked by, first, examining the relationship between students and enrolments (the number of units or modules in which a student enrolls) and then at the relationship between enrolments and hours.

Students and enrolments

In exploring the relationship between students and enrolments we undertake a simple decomposition of the growth in enrolments, whereby four factors are identified (see appendix A for a formal derivation). That is, the growth in enrolments can be split into four effects:

- ✧ an *enrolment intensity effect*, representing the growth in enrolments due to students undertaking more subjects for a given course

- ✧ a *field of education effect*, representing the growth in enrolments due to a change in the pattern of fields of education
- ✧ a *qualification level effect*, representing the growth in enrolments due to a change in the pattern of qualifications (for example, an increase in the importance of higher-level qualifications compared with lower-level qualifications)
- ✧ a *student growth effect*, representing the growth in enrolments due to a change in the number of students.

The four effects are presented in table 2.

Table 2 Decomposition of the growth in enrolments between 2006 and 2007 (percentage)

	Enrolment growth	Enrolment intensity effect	Field of education effect	Qualification level effect	Student growth effect	Residual
New South Wales	0.7	1.2	2.5	-0.1	-2.9	-0.1
Victoria	2.8	4.5	-0.4	-1.6	0.4	0.0
Queensland	2.3	1.3	1.8	1.1	-2.1	-0.2
South Australia	12.0	8.4	3.8	-1.3	1.1	-0.1
Western Australia	0.9	-1.5	0.0	-1.0	3.6	0.3
Tasmania	7.8	1.1	1.8	-0.3	4.8	-0.3
Northern Territory	3.4	-1.7	-0.6	1.2	4.2	-0.3
Australian Capital Territory	1.3	-2.5	2.0	0.3	1.7	0.3
AUSTRALIA	2.5	2.2	2.0	-1.0	-0.7	-0.1

Note: The percentages differ from those in table 1 because they are evaluated at the mid-point of 2006 and 2007 (to improve the accuracy of the decomposition).

Source: Derived from NCVET National VET Provider Collection, 2006–07.

The main points to emerge from this decomposition are:

- ✧ In Victoria, there has been a very significant increase in the number of subjects in which each student enrolls (the enrolment intensity effect contributes 4.5 percentage points to enrolment growth):
 - ◆ around 1.0 percentage points of the contribution to enrolment growth comes from students undertaking more enrolments per student (enrolment intensity) in non-AQF mixed field programs¹ (appendix table B11).
- ✧ In South Australia, the very large growth in enrolments can be attributed to an increase in the number of subjects in which students enrol, together with a shift to fields of education that tend to have more subjects per student. Moreover, this increase in enrolment intensity is almost totally explained by students undertaking a small number of courses:
 - ◆ Students undertaking a certificate I/II in mixed field programs contribute 5.0 percentage points to the overall growth in enrolments (appendix table B13).
 - ◆ Students undertaking a certificate I/II in management and commerce contribute 0.9 percentage points to the overall growth in enrolments (appendix table B13).
 - ◆ The field of education effect can be largely attributed to a swing toward management and commerce courses and mixed field programs (appendix table B13).
- ✧ The high growth in enrolments in Tasmania and Northern Territory can largely be explained by the increase in the numbers of students.

¹ The arithmetic is done at a very fine level (as can be seen from the algebra in appendix A). While table 2 only shows totals, it is possible to isolate the contribution of each cell. The complete sets of calculations are given in appendix B.

Enrolments and hours

The decomposition described above focuses on the relationship between students and enrolments. As can be seen from table 1 there are also a number of states or territories for which there is a sizeable divergence between hours and enrolments. While we have not undertaken a decomposition to isolate the effect of changes in the patterns of qualifications and fields of education, we have investigated the relationship between new and old modules (noting that modules now use standard nominal hours and therefore there is no possibility of ‘hours creep’ at the individual module level).

In table 3 we present the hours per enrolment for modules categorised as common (present in both 2006 and 2007), new (present in 2007 but not 2006) and ceased (present in 2006 but not 2007). We are interested in whether there has been any ‘hours creep’ due to the introduction of new modules that are larger than the ones they are replacing.

Table 3 Reporting hours per enrolment for common, new and ceased modules, 2006–07

	Common modules ^(a)		New modules ^(b)	Ceased modules ^(c)
	2006	2007	2007	2006
New South Wales	31.1	32.3	28.5	26.0
Victoria	*	*	*	*
Queensland	33.3	33.8	29.2	33.4
South Australia	31.8	31.6	28.5	37.6
Western Australia	35.3	35.3	32.1	33.9
Tasmania	32.7	32.2	30.4	31.6
Northern Territory	31.5	31.6	25.6	42.1
Australian Capital Territory	39.8	39.3	42.2	42.1
AUSTRALIA (excluding Victoria)	32.4	33.1	29.3	32.0

Notes: (a) Defined as modules delivered within a state in 2006 and 2007.
 (b) Defined as modules delivered within a state in 2007 but not in 2006.
 (c) Defined as modules delivered within a state in 2006 but not in 2007.
 * Calculations exclude Victorian data due to the break in series for hours of delivery.
 Calculations exclude enrolments that did not contain any reporting hours.

Source: Derived from NCVET National VET Provider Collection, 2006–07.

The difference between the average hours for the common modules is due to a change in the pattern of enrolments across different courses. It is of some significance in New South Wales, where the average hours increased by 1.2 hours or around 4%. However, from table 1 we can see that there is little divergence between the growth in enrolments and hours for New South Wales between 2006 and 2007.

Table 3 indicates that there is no evidence of ‘hours creep’, with new modules being on the whole of a similar size to both continuing modules and the ceased modules. Readers interested in the derivation of reporting hours per enrolment for common, new and ceased modules are referred to appendix tables C1 and C2.

Conclusion

To summarise, a close examination of the divergences between students, enrolments and hours has not revealed anything too untoward in general. Changes in the patterns of courses undertaken explain most of the divergence. However, the exception is South Australia in which quite remarkable growth in enrolments has been observed. This growth can be tracked to a relatively

small number of areas, with increased enrolments per student in certificates I and II in mixed field programs contributing 5.0 percentage points to the overall growth in enrolments. This implies that enrolments may be a poor indicator of training activity for South Australia. We also conclude that there is nothing to suggest that ‘hours creep’—with new modules having greater hours than old hours—is occurring.

Appendix A: Derivation of the decomposition

This appendix algebraically shows how the growth in course enrolments can be decomposed into the different effects, as used in table 2.

Let $E(t)$ be the number of course enrolments in year t and let $S(t)$ be the number of VET students in year t . Then let i index six qualification levels (diploma and above, certificate IV, certificate III, certificates I/II, other, subject only) and let j index the 13 broad two-digit field of education (FOE) levels (which includes subject-only enrolments as one FOE level). So $E_{ij}(t)$ is the number of course enrolments in the i -th qualification level and in the j -th FOE, and similarly for the number of students $S_{ij}(t)$.

We begin by partitioning the total number of course enrolments $E_{..}$ into each combination of qualification and FOE levels, then summing as follows:

$$E_{..}(t) = \sum_{i=1}^6 \sum_{j=1}^{13} E_{ij}(t).$$

Notice that

$$\begin{aligned} E_{ij}(t) &= \frac{E_{ij}(t)}{S_{ij}(t)} \frac{S_{ij}(t)}{S_{\bullet j}(t)} \frac{S_{\bullet j}(t)}{S_{..}(t)} S_{..}(t) \\ &= e_{ij}(t) s_{ij}(t) s_{\bullet j}(t) S_{..}(t), \end{aligned}$$

where $e_{ij} = E_{ij}/S_{ij}$, $s_{ij} = S_{ij}/S_{\bullet j}$, and $s_{\bullet j} = S_{\bullet j}/S_{..}$. Then the course enrolment total becomes

$$E_{..}(t) = \sum_{i=1}^6 \sum_{j=1}^{13} e_{ij}(t) s_{ij}(t) s_{\bullet j}(t) S_{..}(t).$$

Now define the one-year growth rate operator Δ acting on a process $X(t)$ by

$$\Delta X(t) = \frac{X(t+1) - X(t)}{(X(t) + X(t+1))/2}.$$

Note that the denominator is the value of X at the mid-point of $[t, t + 1]$, as opposed to the conventional left point $X(t)$. Then one can show that the growth rate of the total course enrolments, or enrolment growth, is

$$\begin{aligned}\Delta E_{..}(t) &= \sum_{i=1}^6 \sum_{j=1}^{13} w_{ij}(t) (\Delta e_{ij}(t) + \Delta s_{ij}(t) + \Delta s_{.j}(t) + \Delta S_{..}(t) + R_{ij}(t)) \\ &= \sum_{i=1}^6 \sum_{j=1}^{13} (w_{ij}(t) \Delta e_{ij}(t) + w_{ij}(t) \Delta s_{ij}(t) + w_{ij}(t) \Delta s_{.j}(t) + w_{ij}(t) \Delta S_{..}(t) + w_{ij}(t) R_{ij}(t)),\end{aligned}$$

where $R_{ij}(t)$ is a remainder term of cross-products, and $w_{ij}(t)$ is a ‘weight’ factor given by

$$w_{ij}(t) = \frac{E_{ij}(t) + E_{ij}(t+1)}{E_{..}(t) + E_{..}(t+1)} \approx \frac{E_{ij}(t)}{E_{..}(t)}.$$

For simplicity in our calculations, we have used the approximate weight on the right-hand side. Let’s name $w_{ij}(t) \Delta e_{ij}(t)$ the enrolment intensity effect, $w_{ij}(t) \Delta s_{ij}(t)$ the field of study effect, $w_{ij}(t) \Delta s_{.j}(t)$ the qualification level effect, $w_{ij}(t) \Delta S_{..}(t)$ the student growth effect, and $w_{ij}(t) R_{ij}(t)$ the (weighted) residual. Then the growth rate formula is simply

$$\begin{aligned}\text{enrolment growth} &= \text{total enrolment intensity effect} + \text{total field of study effect} \\ &\quad + \text{total qualification effect} + \text{total student growth effect} \\ &\quad + \text{total residual}.\end{aligned}$$

This is the decomposition used in table 2. The following appendix has tables of these effects for each state and territory, as well as nationally for the 2006 to 2007 period, broken down by qualification and field of education levels.

Appendix B: Tables of enrolment growth and its effects—2006–07

Note that the totals given in the effect tables B10–B45 are calculated by summing across or down the appropriate row or column.

Enrolment growth by qualification level and field of education groups—2006–07

Table B1 Enrolment growth—New South Wales

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-35.10%	-25.93%	1.50%	-5.48%	-17.24%	-18.21%	27.52%	-0.57%	-10.77%	3.49%	-3.93%	9.08%	0.00%	-5.80%
Cert IV	2.16%	-9.07%	32.68%	-9.70%	4.04%	2.69%	21.98%	-2.07%	0.12%	-4.39%	3.33%	-5.42%	0.00%	1.27%
Cert III	29.14%	7.65%	8.46%	15.13%	-8.03%	9.31%	5.19%	8.15%	-7.92%	10.03%	2.74%	40.26%	0.00%	5.85%
Cert I/II	-66.67%	-127.26%	-6.60%	25.10%	-27.73%	25.38%	109.21%	12.70%	-2.42%	-15.49%	-4.05%	27.64%	0.00%	1.58%
Other	28.23%	-76.83%	-3.45%	-5.22%	-1.29%	-15.43%	0.24%	-8.87%	-18.75%	-2.01%	31.09%	1.75%	0.00%	-4.09%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-14.10%	-14.10%
Total	-9.25%	-27.83%	5.07%	7.82%	-11.78%	0.56%	19.63%	3.80%	-7.43%	-1.29%	3.70%	11.72%	-14.10%	0.68%

Table B2 Enrolment growth—Victoria

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-5.01%	-33.97%	3.08%	14.02%	-6.02%	14.37%	12.50%	12.57%	12.46%	-10.15%	15.13%	109.79%	0.00%	5.39%
Cert IV	21.71%	36.95%	2.87%	3.75%	-13.47%	16.28%	27.97%	4.12%	-5.30%	-13.51%	-3.42%	23.54%	0.00%	8.54%
Cert III	14.82%	-10.47%	-13.53%	-1.14%	4.19%	6.09%	25.08%	-2.20%	0.74%	-7.18%	-4.26%	11.69%	0.00%	-3.80%
Cert I/II	142.86%	-57.82%	-7.84%	5.19%	-13.77%	40.61%	0.00%	13.17%	-49.78%	16.31%	12.22%	15.91%	0.00%	3.11%
Other	37.31%	-21.68%	-16.26%	98.61%	-2.76%	30.25%	25.67%	7.42%	50.91%	34.39%	-3.98%	-21.41%	0.00%	7.97%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	35.93%	35.93%
Total	14.78%	-16.18%	-9.30%	9.60%	-5.60%	19.49%	26.97%	6.46%	0.63%	-6.58%	1.68%	4.78%	35.93%	2.84%

Table B3 Enrolment growth—Queensland

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	10.15%	-15.31%	-31.94%	-9.93%	15.62%	14.58%	-0.91%	8.40%	-0.76%	-17.26%	45.40%	0.00%	0.00%	0.49%
Cert IV	-30.61%	-15.08%	8.95%	-7.75%	-16.22%	0.19%	65.30%	17.21%	11.88%	40.13%	-11.69%	-18.48%	0.00%	17.83%
Cert III	-10.06%	6.97%	9.46%	21.11%	1.94%	28.08%	-12.34%	-2.77%	-0.52%	8.91%	7.03%	2.79%	0.00%	7.33%
Cert I/II	-96.12%	-153.89%	-23.02%	66.77%	-12.99%	-19.25%	-148.63%	16.26%	-17.09%	-2.60%	3.84%	-5.34%	0.00%	-4.47%
Other	0.00%	0.00%	-101.53%	-81.65%	-200.00%	-12.51%	-70.77%	150.00%	7.19%	0.00%	50.85%	-3.91%	0.00%	-23.84%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-14.17%	-25.42%	-3.75%	15.67%	-5.56%	1.36%	28.41%	8.29%	0.94%	3.63%	5.34%	-4.76%	0.00%	2.29%

Table B4 Enrolment growth—South Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-15.11%	-43.21%	-23.21%	-11.92%	-48.13%	15.16%	-65.28%	-9.45%	-1.94%	-38.31%	-23.03%	21.41%	0.00%	-11.78%
Cert IV	-87.00%	30.05%	18.37%	2.00%	47.82%	19.60%	37.71%	1.34%	-17.70%	-19.30%	-12.46%	-5.20%	0.00%	5.54%
Cert III	-70.46%	-19.02%	7.89%	14.70%	-14.02%	26.91%	0.24%	13.70%	3.11%	-22.61%	19.23%	101.69%	0.00%	14.58%
Cert I/II	178.95%	-78.38%	-1.27%	-41.83%	-7.14%	4.54%	67.57%	48.19%	88.06%	8.42%	18.91%	68.25%	0.00%	34.52%
Other	0.00%	200.00%	1.69%	18.51%	-25.45%	-5.54%	-131.56%	-34.03%	-176.93%	99.71%	-17.81%	1.31%	0.00%	-8.04%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.61%	16.61%
Total	-43.85%	-30.57%	3.04%	5.74%	-13.70%	8.93%	31.11%	15.60%	-4.01%	-8.47%	7.01%	43.15%	16.61%	12.02%

Table B5 Enrolment growth—Western Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-55.86%	-14.96%	-5.79%	-13.05%	-6.54%	6.97%	141.91%	-16.85%	-12.56%	-2.36%	-57.56%	-151.59%	0.00%	-11.33%
Cert IV	42.42%	19.35%	-11.36%	21.97%	-5.94%	12.70%	26.55%	-1.94%	-13.40%	3.08%	-7.91%	42.04%	0.00%	2.64%
Cert III	22.61%	-12.34%	6.63%	14.58%	-0.58%	4.76%	-15.04%	-12.97%	-11.88%	0.76%	13.51%	159.21%	0.00%	2.32%
Cert I/II	-31.84%	-141.51%	-6.18%	3.38%	-5.86%	4.01%	12.01%	27.89%	-81.78%	-4.02%	-9.72%	77.08%	0.00%	2.07%
Other	0.00%	200.00%	-35.52%	25.19%	0.00%	128.67%	-45.69%	-133.64%	13.03%	0.00%	200.00%	2.03%	0.00%	4.16%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-15.24%	-38.41%	0.42%	9.27%	-4.04%	36.06%	-14.77%	3.18%	-23.32%	-0.19%	3.98%	50.26%	0.00%	0.94%

Table B6 Enrolment growth—Tasmania

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	28.31%	-5.73%	17.95%	-1.37%	-16.31%	8.45%	171.27%	20.93%	8.29%	-25.30%	0.00%	0.00%	0.00%	10.90%
Cert IV	-25.84%	6.98%	-18.69%	50.87%	-10.11%	2.72%	-6.88%	-21.89%	5.31%	12.00%	13.19%	31.11%	0.00%	-2.36%
Cert III	3.79%	49.99%	9.44%	12.96%	0.67%	33.26%	0.00%	-10.77%	9.39%	66.35%	1.47%	5.83%	0.00%	7.03%
Cert I/II	200.00%	-147.29%	10.56%	29.32%	-8.99%	166.89%	0.00%	35.65%	61.02%	-167.82%	22.82%	5.56%	0.00%	12.87%
Other	0.00%	-111.11%	6.98%	80.73%	-126.04%	4.64%	54.37%	-10.71%	0.87%	-200.00%	26.96%	21.41%	0.00%	10.67%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	7.40%	-15.68%	9.49%	17.03%	-8.60%	11.01%	1.64%	7.52%	10.08%	6.71%	11.64%	12.77%	0.00%	7.78%

Table B7 Enrolment growth—Northern Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	-31.85%	-110.00%	-14.29%	23.05%	8.96%	-200.00%	-30.36%	32.74%	-19.13%	0.00%	0.00%	0.00%	-8.04%
Cert IV	0.00%	-107.91%	85.27%	13.98%	-26.93%	-22.26%	10.97%	-3.47%	-38.65%	13.10%	-11.12%	30.13%	0.00%	-7.57%
Cert III	60.30%	117.59%	-8.11%	25.39%	-10.21%	-6.08%	60.74%	15.50%	25.72%	-68.29%	16.84%	0.84%	0.00%	7.23%
Cert I/II	101.64%	-104.96%	7.33%	-11.79%	6.65%	-14.99%	36.47%	38.39%	11.78%	1.15%	5.09%	-21.58%	0.00%	3.99%
Other	0.00%	0.00%	0.00%	139.57%	-200.00%	13.03%	-200.00%	0.00%	-200.00%	0.00%	0.00%	-24.30%	0.00%	11.09%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-4.28%	-4.28%
Total	76.01%	-69.51%	-0.74%	11.10%	2.10%	-9.28%	19.57%	23.26%	15.87%	-14.14%	7.98%	-18.30%	-4.28%	3.40%

Table B8 Enrolment growth—Australian Capital Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	1.32%	-33.36%	-0.55%	-18.50%	-15.38%	-12.81%	-69.42%	-5.52%	-15.05%	4.75%	16.26%	0.00%	0.00%	-9.14%
Cert IV	192.73%	110.62%	-61.33%	67.19%	-57.33%	-36.12%	41.60%	9.71%	-24.24%	-4.41%	124.85%	-18.83%	0.00%	12.45%
Cert III	21.17%	59.42%	-12.62%	67.23%	-21.52%	-50.79%	0.00%	-36.74%	-1.42%	9.85%	24.58%	10.73%	0.00%	3.58%
Cert I/II	0.00%	-125.00%	-8.81%	102.02%	-60.80%	-180.95%	0.00%	4.99%	-45.11%	-66.46%	33.72%	8.00%	0.00%	5.29%
Other	41.23%	11.83%	-0.56%	32.16%	-15.17%	21.09%	66.51%	-47.13%	40.07%	68.53%	3.72%	6.18%	0.00%	-1.74%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	17.23%	8.40%	-10.17%	54.88%	-36.46%	-24.98%	41.22%	-10.49%	-11.89%	-1.90%	29.50%	6.44%	0.00%	1.30%

Table B9 Enrolment growth—Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-25.42%	-27.18%	-3.01%	-1.16%	-7.56%	6.71%	14.25%	4.74%	-0.57%	-8.88%	8.38%	30.55%	0.00%	-1.30%
Cert IV	9.28%	3.73%	11.97%	-1.26%	-6.16%	8.41%	33.59%	1.88%	-3.00%	-1.30%	-0.94%	-1.73%	0.00%	6.29%
Cert III	13.83%	3.10%	3.13%	11.88%	-3.12%	10.96%	-6.59%	0.94%	-2.87%	3.69%	3.63%	36.84%	0.00%	3.63%
Cert I/II	-4.69%	-110.36%	-8.71%	10.61%	-15.02%	20.93%	18.38%	19.33%	-16.31%	-6.64%	5.26%	28.08%	0.00%	4.09%
Other	36.06%	-66.26%	-19.10%	22.82%	-6.20%	10.82%	-37.87%	-11.34%	-14.74%	28.09%	9.98%	-2.48%	0.00%	-4.49%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.47%	7.47%
Total	-2.27%	-25.24%	-1.42%	10.84%	-8.55%	9.97%	17.88%	5.95%	-4.68%	-2.55%	4.36%	13.16%	7.47%	2.54%

Enrolment intensity effect by qualification level and field of education groups—2006–07

Table B10 Enrolment intensity effect—New South Wales

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.05%	-0.05%	-0.04%	-0.07%	-0.07%	0.00%	0.00%	0.30%	-0.10%	0.02%	-0.01%	-0.01%	0.00%	-0.07%
Cert IV	0.00%	-0.18%	0.13%	-0.02%	-0.04%	-0.08%	0.01%	0.16%	-0.23%	0.02%	-0.04%	-0.05%	0.00%	-0.31%
Cert III	0.01%	0.01%	0.13%	0.46%	0.23%	-0.02%	0.01%	0.06%	-0.51%	0.04%	0.06%	0.02%	0.00%	0.50%
Cert I/II	0.00%	-0.22%	-0.22%	0.04%	-0.06%	-0.02%	-0.02%	-0.06%	0.36%	-0.05%	-0.02%	1.01%	0.00%	0.74%
Other	0.00%	-0.11%	0.16%	0.23%	0.07%	-0.02%	0.00%	-0.12%	-0.46%	-0.02%	0.28%	0.42%	0.00%	0.43%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.13%	-0.13%
Total	-0.05%	-0.55%	0.17%	0.65%	0.14%	-0.14%	0.00%	0.34%	-0.93%	0.01%	0.26%	1.39%	-0.13%	1.17%

Table B11 Enrolment intensity effect—Victoria

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.02%	-0.20%	0.04%	-0.01%	-0.06%	0.02%	0.00%	0.12%	0.10%	0.00%	0.01%	-0.01%	0.00%	-0.01%
Cert IV	0.03%	0.16%	-0.04%	0.01%	-0.01%	0.14%	0.03%	0.05%	-0.03%	0.04%	-0.06%	0.01%	0.00%	0.34%
Cert III	0.00%	0.07%	-0.20%	0.41%	0.05%	-0.02%	0.01%	0.42%	0.04%	0.00%	0.01%	0.09%	0.00%	0.90%
Cert I/II	0.00%	0.13%	0.55%	-0.11%	0.08%	-0.04%	0.00%	-0.01%	0.27%	-0.02%	0.59%	0.20%	0.00%	1.63%
Other	0.00%	0.00%	-0.19%	0.58%	-0.01%	0.04%	0.00%	0.06%	0.06%	-0.02%	-0.08%	0.96%	0.00%	1.39%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.23%	0.23%
Total	0.00%	0.16%	0.16%	0.89%	0.05%	0.14%	0.04%	0.64%	0.44%	0.00%	0.46%	1.25%	0.23%	4.48%

Table B12 Enrolment intensity effect—Queensland

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.01%	0.09%	0.03%	-0.02%	0.01%	0.02%	0.01%	0.01%	0.06%	0.18%	0.03%	0.00%	0.00%	0.43%
Cert IV	-0.03%	0.14%	0.04%	-0.05%	-0.02%	-0.03%	0.31%	0.10%	-0.16%	-0.02%	-0.13%	-0.02%	0.00%	0.15%
Cert III	0.01%	0.05%	-0.66%	0.65%	0.02%	0.06%	-0.03%	-0.04%	-0.33%	-0.06%	-0.10%	-0.02%	0.00%	-0.46%
Cert I/II	0.00%	-0.02%	-0.06%	-0.06%	0.36%	0.02%	-0.03%	0.54%	0.00%	0.00%	0.27%	0.17%	0.00%	1.18%
Other	0.00%	0.00%	-0.29%	-0.14%	0.00%	0.28%	-0.20%	0.00%	-0.01%	0.00%	0.00%	0.40%	0.00%	0.04%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.01%	0.26%	-0.96%	0.39%	0.38%	0.34%	0.06%	0.61%	-0.44%	0.10%	0.07%	0.53%	0.00%	1.34%

Table B13 Enrolment intensity effect—South Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.01%	0.00%	0.06%	-0.05%	0.00%	0.07%	-0.04%	-0.01%	-0.06%	0.08%	0.09%	-0.04%	0.00%	0.09%
Cert IV	-0.04%	0.05%	-0.02%	0.01%	0.03%	0.01%	0.12%	0.12%	-0.18%	-0.06%	0.04%	0.11%	0.00%	0.19%
Cert III	-0.03%	-0.01%	0.09%	0.07%	-0.08%	0.06%	0.02%	0.07%	-0.01%	0.00%	0.35%	0.22%	0.00%	0.75%
Cert I/II	0.00%	-0.35%	0.07%	-0.26%	-0.11%	-0.10%	-0.21%	0.86%	0.38%	0.01%	0.22%	5.05%	0.00%	5.56%
Other	0.00%	0.00%	0.40%	0.39%	0.15%	0.09%	0.01%	-0.07%	0.14%	0.14%	0.06%	0.09%	0.00%	1.40%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.41%	0.41%
Total	-0.08%	-0.31%	0.60%	0.17%	-0.02%	0.13%	-0.10%	0.97%	0.26%	0.17%	0.76%	5.43%	0.41%	8.39%

Table B14 Enrolment intensity effect—Western Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.10%	0.00%	-0.05%	0.01%	0.00%	-0.09%	0.02%	-0.13%	-0.06%	0.02%	-0.04%	-0.01%	0.00%	-0.45%
Cert IV	0.03%	0.13%	0.02%	-0.06%	0.06%	0.10%	0.20%	-0.11%	-0.06%	-0.02%	-0.07%	-0.02%	0.00%	0.19%
Cert III	0.01%	0.21%	-0.41%	-0.36%	0.12%	-0.01%	0.31%	-0.09%	0.55%	0.01%	-0.27%	-0.41%	0.00%	-0.34%
Cert I/II	0.02%	0.16%	-0.67%	-0.08%	-0.29%	-0.04%	0.19%	0.52%	1.14%	-0.08%	-1.34%	-0.85%	0.00%	-1.32%
Other	0.00%	0.01%	-0.04%	0.14%	0.00%	0.08%	-0.55%	0.00%	-0.09%	0.00%	0.11%	0.80%	0.00%	0.45%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.04%	0.51%	-1.15%	-0.36%	-0.10%	0.04%	0.16%	0.19%	1.47%	-0.08%	-1.61%	-0.49%	0.00%	-1.46%

Table B15 Enrolment intensity effect—Tasmania

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.01%	0.07%	0.19%	0.02%	-0.05%	-0.03%	0.11%	0.54%	-0.25%	0.07%	0.00%	0.00%	0.00%	0.68%
Cert IV	0.00%	0.22%	-0.11%	0.11%	0.05%	-0.22%	-0.39%	-0.58%	-0.02%	-0.06%	0.10%	0.02%	0.00%	-0.88%
Cert III	0.07%	0.23%	-0.03%	-0.40%	-0.09%	-0.08%	0.00%	-0.91%	-0.10%	0.15%	1.32%	0.06%	0.00%	0.21%
Cert I/II	0.01%	0.23%	0.52%	0.13%	-0.19%	0.05%	0.00%	-0.43%	0.11%	0.00%	0.71%	-0.32%	0.00%	0.80%
Other	0.00%	-0.02%	-0.04%	0.03%	-0.04%	0.02%	-0.01%	-0.02%	0.05%	-0.02%	0.02%	0.35%	0.00%	0.32%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	0.09%	0.74%	0.53%	-0.11%	-0.32%	-0.27%	-0.29%	-1.40%	-0.22%	0.14%	2.15%	0.11%	0.00%	1.14%

Table B16 Enrolment intensity effect—Northern Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	0.05%	-0.01%	-0.01%	0.00%	0.00%	-0.18%	-0.05%	0.06%	0.03%	0.00%	0.00%	0.00%	-0.11%
Cert IV	0.00%	0.07%	0.02%	-0.06%	-0.05%	0.00%	-0.29%	-0.30%	-0.20%	0.00%	-0.36%	0.00%	0.00%	-1.16%
Cert III	-0.02%	0.06%	-1.75%	0.20%	-0.57%	0.13%	0.12%	-0.45%	-0.14%	-0.32%	0.41%	-0.03%	0.00%	-2.36%
Cert I/II	-0.03%	0.15%	-0.25%	-0.08%	0.16%	-0.07%	0.60%	0.66%	0.47%	-0.06%	0.62%	-0.69%	0.00%	1.50%
Other	0.00%	0.00%	0.00%	0.10%	-0.03%	-0.13%	0.00%	0.00%	-0.01%	0.00%	0.00%	0.03%	0.00%	-0.04%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.45%	0.45%
Total	-0.05%	0.34%	-1.98%	0.14%	-0.48%	-0.06%	0.23%	-0.13%	0.18%	-0.34%	0.67%	-0.68%	0.45%	-1.73%

Table B17 Enrolment intensity effect—Australian Capital Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.09%	-0.21%	-0.04%	-0.10%	0.00%	-0.13%	0.04%	-1.32%	-0.19%	0.02%	0.50%	0.00%	0.00%	-1.34%
Cert IV	0.06%	0.20%	0.02%	0.31%	-0.19%	-0.40%	-0.27%	-0.37%	0.24%	-0.01%	0.15%	0.02%	0.00%	-0.24%
Cert III	0.04%	0.22%	-0.62%	1.21%	-0.14%	-0.31%	0.00%	-0.68%	-0.77%	-0.01%	0.53%	-0.01%	0.00%	-0.55%
Cert I/II	0.00%	0.05%	-0.42%	-0.16%	-0.03%	-0.01%	0.00%	0.03%	-0.09%	-0.13%	0.22%	-0.33%	0.00%	-0.87%
Other	-0.07%	0.00%	0.19%	0.15%	-0.07%	0.09%	0.22%	-0.85%	0.08%	-0.01%	0.00%	0.75%	0.00%	0.48%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	0.12%	0.25%	-0.87%	1.41%	-0.43%	-0.76%	-0.01%	-3.19%	-0.73%	-0.14%	1.40%	0.42%	0.00%	-2.52%

Table B18 Enrolment intensity effect—Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.03%	-0.05%	0.05%	-0.02%	-0.04%	-0.01%	0.01%	0.12%	-0.02%	0.05%	0.01%	-0.02%	0.00%	0.05%
Cert IV	0.00%	0.03%	0.05%	-0.01%	-0.02%	0.00%	0.08%	0.05%	-0.12%	-0.01%	-0.06%	-0.01%	0.00%	-0.01%
Cert III	0.01%	0.08%	-0.14%	0.31%	0.05%	-0.01%	0.03%	0.10%	-0.21%	0.01%	0.07%	0.05%	0.00%	0.32%
Cert I/II	0.00%	-0.04%	0.04%	-0.03%	0.03%	-0.03%	0.00%	0.17%	0.37%	-0.03%	0.13%	0.53%	0.00%	1.15%
Other	0.00%	-0.06%	-0.10%	0.30%	0.02%	0.10%	-0.10%	-0.04%	-0.13%	0.00%	0.06%	0.61%	0.00%	0.67%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
Total	-0.02%	-0.03%	-0.10%	0.54%	0.05%	0.05%	0.02%	0.40%	-0.11%	0.02%	0.21%	1.15%	0.01%	2.19%

Field of study effect by qualification level and field of education groups—2006–07

Table B19 Field of study effect—New South Wales

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.02%	0.35%	0.03%	0.10%	0.06%	-0.08%	0.00%	-0.53%	-0.14%	0.01%	0.01%	0.02%	0.00%	-0.19%
Cert IV	0.00%	0.96%	0.08%	0.02%	0.08%	0.09%	0.06%	-0.38%	0.25%	-0.05%	0.08%	0.02%	0.00%	1.20%
Cert III	0.00%	0.66%	0.47%	0.52%	-0.15%	0.05%	-0.01%	0.26%	0.15%	0.02%	0.08%	0.28%	0.00%	2.35%
Cert I/II	0.00%	-0.34%	-0.03%	0.06%	-0.14%	0.13%	0.03%	0.50%	-0.39%	-0.04%	-0.05%	0.04%	0.00%	-0.23%
Other	0.00%	-0.06%	-0.25%	-0.19%	0.05%	-0.07%	-0.03%	-0.10%	0.20%	0.02%	0.00%	-0.25%	0.00%	-0.69%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.01%	1.57%	0.30%	0.51%	-0.10%	0.12%	0.05%	-0.25%	0.07%	-0.04%	0.12%	0.11%	0.00%	2.45%

Table B20 Field of study effect— Victoria

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.01%	0.13%	0.23%	0.09%	0.05%	-0.04%	-0.02%	0.54%	0.36%	-0.14%	0.03%	0.06%	0.00%	1.30%
Cert IV	-0.02%	0.39%	0.15%	-0.01%	-0.01%	-0.22%	0.03%	-0.02%	-0.03%	-0.15%	0.04%	0.12%	0.00%	0.27%
Cert III	-0.01%	0.05%	-0.14%	-0.71%	0.06%	-0.07%	-0.02%	-0.84%	0.17%	-0.01%	-0.17%	0.19%	0.00%	-1.50%
Cert I/II	0.00%	-0.29%	-0.47%	0.13%	-0.17%	0.05%	0.00%	0.49%	-0.55%	0.06%	-0.15%	0.99%	0.00%	0.08%
Other	0.01%	0.01%	0.11%	0.14%	0.02%	0.07%	0.00%	-0.03%	0.10%	0.08%	0.06%	-1.14%	0.00%	-0.57%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.03%	0.29%	-0.11%	-0.36%	-0.06%	-0.21%	-0.01%	0.15%	0.04%	-0.16%	-0.19%	0.22%	0.00%	-0.41%

Table B21 Field of study effect—Queensland

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.01%	0.09%	-0.29%	-0.07%	0.04%	0.42%	-0.03%	0.16%	-0.19%	-0.34%	0.01%	0.00%	0.00%	-0.20%
Cert IV	0.00%	0.03%	0.11%	-0.04%	0.01%	0.08%	0.80%	0.17%	0.31%	0.20%	0.06%	-0.03%	0.00%	1.69%
Cert III	-0.01%	0.35%	2.66%	0.32%	0.21%	0.18%	-0.21%	-0.41%	0.01%	0.09%	0.31%	0.13%	0.00%	3.67%
Cert I/II	0.00%	-0.45%	-0.97%	0.34%	-0.34%	-0.03%	-0.06%	0.09%	-0.13%	-0.01%	-0.26%	0.01%	0.00%	-1.82%
Other	0.00%	0.00%	-1.00%	-0.14%	0.00%	-0.21%	-0.17%	0.00%	0.02%	0.00%	0.00%	-0.03%	0.00%	-1.53%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	0.00%	0.02%	0.50%	0.42%	-0.08%	0.46%	0.33%	0.01%	0.01%	-0.06%	0.13%	0.08%	0.00%	1.81%

Table B22 Field of study effect—South Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	-0.07%	-0.21%	0.02%	-0.03%	0.08%	-0.01%	-0.40%	0.35%	-0.46%	-0.12%	0.05%	0.00%	-0.80%
Cert IV	-0.01%	0.27%	0.12%	-0.01%	0.05%	0.05%	-0.03%	-0.27%	0.25%	0.00%	-0.09%	-0.22%	0.00%	0.12%
Cert III	0.00%	0.03%	0.62%	0.36%	0.10%	0.03%	-0.07%	0.29%	1.20%	-0.03%	0.40%	1.54%	0.00%	4.48%
Cert I/II	0.00%	-0.18%	-0.06%	-0.11%	0.25%	0.10%	0.26%	2.11%	0.47%	0.03%	0.35%	0.07%	0.00%	3.31%
Other	0.00%	0.00%	-0.22%	-0.14%	-0.25%	-0.21%	-0.12%	-0.96%	-0.89%	0.30%	-0.43%	-0.42%	0.00%	-3.34%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.01%	0.06%	0.25%	0.12%	0.12%	0.06%	0.04%	0.77%	1.39%	-0.17%	0.11%	1.03%	0.00%	3.77%

Table B23 Field of study effect—Western Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.10%	0.37%	-0.18%	-0.28%	-0.01%	-0.27%	0.04%	-0.38%	0.42%	-0.07%	-0.02%	-0.01%	0.00%	-0.48%
Cert IV	0.08%	0.78%	-0.18%	0.10%	-0.07%	-0.47%	0.37%	0.02%	0.69%	0.03%	-0.40%	-0.02%	0.00%	0.94%
Cert III	0.07%	0.59%	0.61%	0.46%	-0.10%	-0.18%	-0.23%	-0.68%	1.22%	-0.03%	-0.51%	0.75%	0.00%	1.98%
Cert I/II	-0.03%	-1.16%	-0.18%	-0.08%	0.19%	-0.03%	0.02%	1.19%	-2.01%	0.04%	0.35%	1.12%	0.00%	-0.59%
Other	0.00%	0.01%	0.00%	-0.05%	0.00%	0.79%	-0.08%	-0.08%	0.23%	0.00%	0.11%	-2.75%	0.00%	-1.81%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	0.02%	0.60%	0.07%	0.15%	0.02%	-0.16%	0.12%	0.08%	0.54%	-0.03%	-0.47%	-0.91%	0.00%	0.04%

Table B24 Field of study effect—Tasmania

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.01%	0.39%	-0.08%	-0.12%	0.02%	-0.01%	0.13%	-0.22%	0.17%	-0.25%	0.00%	0.00%	0.00%	0.04%
Cert IV	-0.01%	1.04%	-0.04%	0.06%	-0.07%	0.05%	-0.28%	-0.57%	-0.12%	0.31%	-0.01%	-0.02%	0.00%	0.34%
Cert III	-0.07%	1.51%	0.33%	-0.01%	0.19%	0.12%	0.00%	-0.71%	-0.10%	0.14%	-1.16%	-0.07%	0.00%	0.17%
Cert I/II	0.01%	-1.22%	-0.22%	-0.02%	0.07%	0.09%	0.00%	2.13%	0.07%	-0.02%	0.48%	0.22%	0.00%	1.59%
Other	0.00%	0.01%	0.03%	0.02%	-0.15%	-0.12%	0.06%	0.00%	-0.07%	-0.02%	0.06%	-0.14%	0.00%	-0.33%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.07%	1.73%	0.03%	-0.07%	0.06%	0.12%	-0.09%	0.63%	-0.06%	0.15%	-0.64%	0.00%	0.00%	1.80%

Table B25 Field of study effect—Northern Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	0.11%	-0.01%	0.00%	0.01%	0.00%	-0.18%	-0.37%	0.11%	-0.05%	0.00%	0.00%	0.00%	-0.38%
Cert IV	0.00%	-0.22%	0.32%	0.07%	-0.04%	-0.39%	0.42%	-0.02%	-0.59%	0.13%	0.30%	0.08%	0.00%	0.08%
Cert III	-0.04%	0.59%	-0.70%	0.22%	0.23%	-0.21%	0.07%	0.05%	0.85%	-0.40%	0.20%	0.07%	0.00%	0.93%
Cert I/II	0.03%	-0.61%	-0.02%	-0.41%	-0.29%	0.01%	-0.06%	0.51%	-0.60%	0.34%	-0.26%	-0.08%	0.00%	-1.42%
Other	0.00%	0.00%	0.00%	0.10%	-0.03%	0.22%	0.00%	0.00%	-0.01%	0.00%	0.00%	-0.05%	0.00%	0.23%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.01%	-0.12%	-0.41%	-0.03%	-0.11%	-0.36%	0.23%	0.17%	-0.23%	0.04%	0.24%	0.03%	0.00%	-0.56%

Table B26 Field of study effect—Australian Capital Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.23%	-0.52%	0.12%	-0.44%	0.00%	0.02%	-0.09%	0.73%	-0.32%	0.00%	-0.45%	0.00%	0.00%	-1.18%
Cert IV	0.11%	0.73%	-0.05%	-0.08%	-0.12%	-0.04%	0.89%	0.77%	-1.00%	-0.04%	0.62%	-0.04%	0.00%	1.75%
Cert III	-0.03%	0.24%	0.07%	0.58%	0.06%	-0.04%	0.00%	-0.99%	1.17%	0.03%	-0.01%	0.02%	0.00%	1.09%
Cert I/II	0.00%	-0.13%	0.37%	0.61%	-0.09%	0.00%	0.00%	0.18%	-0.34%	-0.13%	0.33%	0.44%	0.00%	1.26%
Other	0.12%	0.04%	-0.13%	-0.14%	0.04%	0.02%	-0.13%	-0.34%	0.37%	0.06%	-0.12%	-0.66%	0.00%	-0.89%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.03%	0.36%	0.38%	0.54%	-0.11%	-0.05%	0.67%	0.36%	-0.12%	-0.09%	0.37%	-0.25%	0.00%	2.03%

Table B27 Field of study effect—Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.02%	0.23%	-0.06%	0.01%	0.04%	0.01%	-0.01%	-0.08%	0.13%	-0.14%	0.00%	0.04%	0.00%	0.16%
Cert IV	0.00%	0.55%	0.07%	0.00%	0.02%	0.02%	0.39%	-0.12%	0.17%	0.00%	0.04%	0.00%	0.00%	1.16%
Cert III	0.00%	0.37%	0.71%	0.27%	0.04%	0.03%	-0.08%	-0.31%	0.34%	0.01%	0.03%	0.29%	0.00%	1.72%
Cert I/II	0.00%	-0.43%	-0.33%	0.13%	-0.12%	0.06%	0.01%	0.64%	-0.54%	0.00%	-0.02%	0.64%	0.00%	0.04%
Other	0.01%	0.00%	-0.16%	-0.12%	-0.01%	-0.04%	-0.09%	-0.12%	0.07%	0.04%	0.00%	-0.66%	0.00%	-1.09%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.01%	0.72%	0.23%	0.29%	-0.02%	0.08%	0.22%	0.01%	0.17%	-0.08%	0.04%	0.32%	0.00%	1.99%

Qualification effect by qualification level and field of education groups—2006–07

Table B28 Qualification effect—New South Wales

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.02%	-0.58%	0.06%	-0.05%	-0.02%	0.02%	0.00%	0.37%	0.05%	0.02%	0.00%	0.00%	0.00%	-0.12%
Cert IV	0.01%	-0.91%	0.04%	-0.04%	-0.02%	0.04%	0.24%	0.26%	0.04%	0.02%	0.01%	0.02%	0.00%	-0.30%
Cert III	0.01%	-0.55%	0.47%	-0.27%	-0.18%	0.01%	0.01%	0.43%	0.10%	0.02%	0.06%	0.02%	0.00%	0.13%
Cert I/II	0.00%	-0.26%	0.14%	-0.02%	-0.13%	0.02%	0.00%	0.30%	0.05%	0.01%	0.04%	0.09%	0.00%	0.25%
Other	0.00%	-0.24%	0.09%	-0.07%	-0.11%	0.02%	0.04%	0.11%	0.03%	0.01%	0.01%	0.16%	0.00%	0.06%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.16%	-0.16%
Total	0.04%	-2.54%	0.79%	-0.45%	-0.46%	0.12%	0.30%	1.47%	0.25%	0.08%	0.14%	0.28%	-0.16%	-0.15%

Table B29 Qualification effect—Victoria

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.02%	-0.41%	-0.22%	0.03%	-0.02%	0.08%	0.04%	0.19%	-0.10%	-0.03%	0.00%	-0.01%	0.00%	-0.43%
Cert IV	0.04%	-0.25%	-0.09%	0.01%	-0.01%	0.32%	0.63%	0.10%	-0.10%	-0.02%	-0.01%	-0.05%	0.00%	0.58%
Cert III	0.04%	-0.19%	-0.88%	0.21%	-0.07%	0.13%	0.04%	0.22%	-0.19%	0.00%	-0.08%	-0.16%	0.00%	-0.94%
Cert I/II	0.00%	-0.16%	-0.47%	0.07%	-0.07%	0.02%	0.00%	0.13%	-0.02%	0.00%	-0.05%	-0.57%	0.00%	-1.12%
Other	0.00%	-0.04%	-0.11%	0.03%	-0.01%	0.25%	0.01%	0.02%	-0.01%	0.00%	-0.01%	-0.34%	0.00%	-0.20%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.55%	0.55%
Total	0.10%	-1.05%	-1.76%	0.34%	-0.18%	0.80%	0.72%	0.66%	-0.42%	-0.06%	-0.15%	-1.13%	0.55%	-1.57%

Table B30 Qualification effect—Queensland

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.01%	-0.28%	0.00%	0.04%	-0.02%	-0.20%	0.02%	0.33%	0.17%	0.03%	0.01%	0.00%	0.00%	0.09%
Cert IV	-0.01%	-0.26%	0.00%	0.05%	-0.01%	-0.04%	0.46%	0.16%	0.15%	0.02%	0.03%	-0.06%	0.00%	0.47%
Cert III	-0.01%	-0.32%	-0.03%	0.50%	-0.17%	-0.07%	0.16%	0.41%	0.41%	0.02%	0.33%	-0.08%	0.00%	1.15%
Cert I/II	0.00%	-0.12%	-0.01%	0.04%	-0.21%	-0.01%	0.01%	0.39%	0.04%	0.01%	0.20%	-0.28%	0.00%	0.05%
Other	0.00%	0.00%	0.00%	0.02%	0.00%	-0.31%	0.08%	0.00%	0.01%	0.00%	0.00%	-0.46%	0.00%	-0.66%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.03%	-0.99%	-0.04%	0.66%	-0.42%	-0.64%	0.73%	1.29%	0.77%	0.08%	0.56%	-0.87%	0.00%	1.11%

Table B31 Qualification effect—South Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.01%	-0.08%	-0.02%	0.00%	-0.02%	0.04%	0.01%	0.15%	-0.33%	-0.12%	-0.01%	0.00%	0.00%	-0.38%
Cert IV	-0.01%	-0.15%	-0.01%	0.00%	-0.02%	0.01%	0.62%	0.15%	-0.45%	-0.05%	-0.02%	0.05%	0.00%	0.13%
Cert III	-0.01%	-0.16%	-0.20%	-0.02%	-0.20%	0.01%	0.05%	0.32%	-1.09%	-0.02%	-0.12%	0.10%	0.00%	-1.34%
Cert I/II	0.00%	-0.21%	-0.11%	-0.01%	-0.27%	0.01%	0.07%	0.42%	-0.17%	-0.02%	-0.10%	0.44%	0.00%	0.07%
Other	0.00%	0.00%	-0.15%	-0.01%	-0.20%	0.04%	0.02%	0.15%	-0.11%	-0.04%	-0.09%	0.35%	0.00%	-0.03%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%
Total	-0.03%	-0.60%	-0.48%	-0.04%	-0.70%	0.11%	0.78%	1.20%	-2.15%	-0.25%	-0.33%	0.94%	0.25%	-1.30%

Table B32 Qualification effect—Western Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	-0.09%	-0.48%	0.03%	0.09%	-0.01%	0.39%	-0.01%	-0.05%	-0.57%	-0.02%	0.02%	0.00%	0.00%	-0.68%
Cert IV	-0.04%	-0.75%	0.01%	0.03%	-0.02%	0.48%	-0.29%	-0.05%	-1.03%	-0.02%	0.33%	0.08%	0.00%	-1.26%
Cert III	-0.04%	-0.98%	0.17%	0.31%	-0.09%	0.20%	-0.36%	-0.10%	-2.75%	-0.02%	1.21%	0.31%	0.00%	-2.15%
Cert I/II	-0.01%	-0.79%	0.10%	0.15%	-0.14%	0.07%	-0.15%	-0.13%	-0.89%	-0.01%	0.69%	2.47%	0.00%	1.36%
Other	0.00%	0.00%	0.00%	0.06%	0.00%	0.33%	-0.55%	0.00%	-0.12%	0.00%	0.02%	2.04%	0.00%	1.77%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.17%	-3.01%	0.32%	0.64%	-0.26%	1.48%	-1.36%	-0.34%	-5.36%	-0.06%	2.26%	4.90%	0.00%	-0.96%

Table B33 Qualification effect—Tasmania

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	-0.51%	0.02%	0.07%	-0.02%	0.06%	0.01%	0.21%	0.15%	-0.08%	0.00%	0.00%	0.00%	-0.09%
Cert IV	0.00%	-1.20%	0.01%	0.07%	-0.03%	0.15%	0.31%	0.22%	0.15%	-0.14%	-0.04%	0.00%	0.00%	-0.49%
Cert III	-0.01%	-1.16%	0.32%	0.94%	-0.18%	0.03%	0.00%	0.47%	0.48%	-0.04%	-0.36%	0.02%	0.00%	0.50%
Cert I/II	0.00%	-0.84%	0.21%	0.15%	-0.20%	0.01%	0.00%	0.43%	0.03%	0.00%	-0.30%	0.12%	0.00%	-0.39%
Other	0.00%	-0.02%	0.02%	0.01%	-0.01%	0.10%	0.01%	0.01%	0.02%	0.00%	-0.02%	0.10%	0.00%	0.22%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.01%	-3.74%	0.59%	1.25%	-0.44%	0.35%	0.33%	1.33%	0.82%	-0.25%	-0.71%	0.24%	0.00%	-0.25%

Table B34 Qualification effect—Northern Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	-0.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.15%	0.12%	-0.02%	0.00%	0.00%	0.00%	0.02%
Cert IV	0.00%	-0.43%	0.03%	0.02%	0.01%	-0.04%	0.06%	0.23%	0.17%	-0.08%	-0.04%	-0.03%	0.00%	-0.11%
Cert III	0.13%	-0.34%	0.88%	0.22%	0.08%	-0.03%	0.01%	0.96%	0.90%	-0.15%	-0.19%	-0.07%	0.00%	2.41%
Cert I/II	0.08%	-1.60%	0.48%	0.16%	0.29%	-0.01%	0.04%	1.43%	0.34%	-0.38%	-0.31%	-0.77%	0.00%	-0.25%
Other	0.00%	0.00%	0.00%	0.00%	0.00%	-0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%	0.00%	-0.03%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.87%	-0.87%
Total	0.21%	-2.61%	1.39%	0.40%	0.38%	-0.10%	0.10%	2.77%	1.54%	-0.63%	-0.55%	-0.88%	-0.87%	1.17%

Table B35 Qualification effect—Australian Capital Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.14%	-0.16%	-0.11%	0.31%	0.00%	-0.11%	0.02%	-0.12%	-0.65%	0.05%	0.14%	0.00%	0.00%	-0.49%
Cert IV	0.01%	-0.05%	-0.01%	0.16%	-0.05%	-0.10%	0.99%	-0.05%	-0.43%	0.01%	0.07%	0.00%	0.00%	0.56%
Cert III	0.02%	-0.04%	-0.75%	1.17%	-0.04%	-0.06%	0.00%	-0.06%	-0.60%	0.01%	0.46%	0.00%	0.00%	0.12%
Cert I/II	0.00%	-0.01%	-0.17%	0.16%	-0.02%	0.00%	0.00%	-0.06%	-0.11%	0.01%	0.28%	0.02%	0.00%	0.12%
Other	0.03%	-0.01%	-0.08%	0.07%	-0.03%	-0.03%	0.06%	-0.03%	-0.09%	0.00%	0.14%	0.02%	0.00%	0.04%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	0.20%	-0.26%	-1.11%	1.87%	-0.15%	-0.29%	1.07%	-0.32%	-1.86%	0.08%	1.09%	0.04%	0.00%	0.35%

Table B36 Qualification effect—Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.01%	-0.47%	-0.02%	0.00%	-0.02%	0.05%	0.01%	0.25%	-0.11%	0.00%	0.00%	0.00%	0.00%	-0.29%
Cert IV	0.01%	-0.52%	-0.01%	0.00%	-0.02%	0.07%	0.20%	0.16%	-0.10%	0.00%	0.02%	0.00%	0.00%	-0.21%
Cert III	0.01%	-0.41%	-0.16%	0.03%	-0.13%	0.03%	0.04%	0.31%	-0.25%	0.00%	0.10%	-0.01%	0.00%	-0.44%
Cert I/II	0.00%	-0.26%	-0.06%	0.01%	-0.14%	0.02%	0.01%	0.25%	-0.07%	0.00%	0.07%	-0.03%	0.00%	-0.21%
Other	0.00%	-0.09%	-0.02%	0.00%	-0.04%	0.08%	0.04%	0.05%	-0.03%	0.00%	0.02%	-0.03%	0.00%	-0.04%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.14%	0.14%
Total	0.03%	-1.76%	-0.28%	0.05%	-0.35%	0.24%	0.29%	1.02%	-0.57%	0.00%	0.21%	-0.07%	0.14%	-1.05%

Student growth effect by qualification level and field of education groups—2006–07

Table B37 Student growth effect—New South Wales

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	-0.04%	-0.03%	-0.02%	-0.01%	-0.01%	0.00%	-0.17%	-0.07%	-0.02%	0.00%	0.00%	0.00%	-0.39%
Cert IV	0.00%	-0.06%	-0.02%	-0.02%	-0.01%	-0.03%	-0.04%	-0.12%	-0.06%	-0.02%	-0.02%	-0.02%	0.00%	-0.42%
Cert III	0.00%	-0.04%	-0.28%	-0.12%	-0.06%	-0.01%	0.00%	-0.20%	-0.15%	-0.02%	-0.11%	-0.02%	0.00%	-1.00%
Cert I/II	0.00%	-0.02%	-0.08%	-0.01%	-0.04%	-0.01%	0.00%	-0.14%	-0.08%	-0.02%	-0.07%	-0.11%	0.00%	-0.58%
Other	0.00%	-0.02%	-0.05%	-0.03%	-0.03%	-0.02%	-0.01%	-0.05%	-0.04%	-0.01%	-0.03%	-0.20%	0.00%	-0.48%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.08%	-0.08%
Total	-0.01%	-0.16%	-0.46%	-0.19%	-0.14%	-0.08%	-0.05%	-0.68%	-0.40%	-0.09%	-0.23%	-0.36%	-0.08%	-2.93%

Table B38 Student growth effect—Victoria

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.03%	0.01%	0.01%	0.00%	0.00%	0.00%	0.07%
Cert IV	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.06%
Cert III	0.00%	0.00%	0.03%	0.02%	0.00%	0.00%	0.00%	0.03%	0.02%	0.00%	0.02%	0.00%	0.00%	0.14%
Cert I/II	0.00%	0.00%	0.02%	0.01%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.02%	0.00%	0.08%
Other	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.03%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
Total	0.00%	0.01%	0.07%	0.03%	0.01%	0.01%	0.01%	0.09%	0.05%	0.01%	0.04%	0.03%	0.01%	0.38%

Table B39 Student growth effect—Queensland

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	-0.02%	-0.02%	-0.01%	0.00%	-0.03%	0.00%	-0.10%	-0.05%	-0.02%	0.00%	0.00%	0.00%	-0.26%
Cert IV	0.00%	-0.01%	-0.03%	-0.01%	0.00%	-0.01%	-0.05%	-0.05%	-0.05%	-0.01%	-0.01%	-0.01%	0.00%	-0.24%
Cert III	0.00%	-0.02%	-0.36%	-0.14%	-0.03%	-0.01%	-0.02%	-0.12%	-0.13%	-0.01%	-0.13%	-0.02%	0.00%	-0.99%
Cert I/II	0.00%	-0.01%	-0.11%	-0.01%	-0.04%	0.00%	0.00%	-0.12%	-0.01%	-0.01%	-0.08%	-0.07%	0.00%	-0.45%
Other	0.00%	0.00%	-0.03%	-0.01%	0.00%	-0.05%	-0.01%	0.00%	0.00%	0.00%	0.00%	-0.11%	0.00%	-0.20%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	-0.01%	-0.06%	-0.54%	-0.18%	-0.08%	-0.10%	-0.08%	-0.39%	-0.24%	-0.04%	-0.22%	-0.21%	0.00%	-2.14%

Table B40 Student growth effect—South Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.03%	0.02%	0.01%	0.00%	0.00%	0.00%	0.09%
Cert IV	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.02%	0.03%	0.02%	0.01%	0.00%	0.01%	0.00%	0.11%
Cert III	0.00%	0.01%	0.08%	0.03%	0.01%	0.00%	0.00%	0.06%	0.05%	0.00%	0.04%	0.02%	0.00%	0.30%
Cert I/II	0.00%	0.01%	0.04%	0.01%	0.02%	0.00%	0.00%	0.07%	0.01%	0.00%	0.03%	0.09%	0.00%	0.28%
Other	0.00%	0.00%	0.06%	0.01%	0.01%	0.01%	0.00%	0.03%	0.01%	0.00%	0.03%	0.07%	0.00%	0.23%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%	0.04%
Total	0.00%	0.03%	0.19%	0.06%	0.04%	0.04%	0.03%	0.21%	0.10%	0.03%	0.10%	0.18%	0.04%	1.05%

Table B41 Student growth effect—Western Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.02%	0.02%	0.08%	0.04%	0.00%	0.04%	0.00%	0.10%	0.05%	0.04%	0.00%	0.00%	0.00%	0.40%
Cert IV	0.01%	0.04%	0.04%	0.01%	0.01%	0.05%	0.05%	0.09%	0.09%	0.04%	0.04%	0.00%	0.00%	0.47%
Cert III	0.01%	0.05%	0.46%	0.13%	0.06%	0.02%	0.06%	0.19%	0.24%	0.05%	0.16%	0.02%	0.00%	1.44%
Cert I/II	0.00%	0.04%	0.28%	0.07%	0.09%	0.01%	0.02%	0.24%	0.08%	0.03%	0.09%	0.13%	0.00%	1.07%
Other	0.00%	0.00%	0.00%	0.03%	0.00%	0.03%	0.09%	0.00%	0.01%	0.00%	0.00%	0.11%	0.00%	0.27%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	0.03%	0.15%	0.86%	0.28%	0.16%	0.14%	0.21%	0.62%	0.47%	0.16%	0.30%	0.26%	0.00%	3.65%

Table B42 Student growth effect—Tasmania

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	0.03%	0.05%	0.02%	0.01%	0.02%	0.01%	0.16%	0.09%	0.04%	0.00%	0.00%	0.00%	0.44%
Cert IV	0.00%	0.07%	0.03%	0.03%	0.02%	0.06%	0.15%	0.17%	0.09%	0.07%	0.03%	0.00%	0.00%	0.71%
Cert III	0.00%	0.07%	0.66%	0.32%	0.10%	0.01%	0.00%	0.36%	0.29%	0.02%	0.29%	0.01%	0.00%	2.13%
Cert I/II	0.00%	0.05%	0.43%	0.05%	0.11%	0.00%	0.00%	0.33%	0.02%	0.00%	0.24%	0.10%	0.00%	1.34%
Other	0.00%	0.00%	0.03%	0.00%	0.01%	0.04%	0.01%	0.01%	0.01%	0.00%	0.01%	0.09%	0.00%	0.21%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	0.01%	0.23%	1.20%	0.42%	0.25%	0.13%	0.16%	1.03%	0.50%	0.14%	0.57%	0.21%	0.00%	4.84%

Table B43 Student growth effect—Northern Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.04%	0.01%	0.00%	0.00%	0.00%	0.11%
Cert IV	0.00%	0.02%	0.02%	0.01%	0.01%	0.07%	0.11%	0.05%	0.06%	0.03%	0.03%	0.01%	0.00%	0.42%
Cert III	0.01%	0.02%	0.54%	0.13%	0.08%	0.05%	0.01%	0.21%	0.31%	0.05%	0.14%	0.02%	0.00%	1.56%
Cert I/II	0.00%	0.08%	0.30%	0.09%	0.28%	0.01%	0.07%	0.32%	0.12%	0.13%	0.23%	0.25%	0.00%	1.87%
Other	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.21%	0.21%
Total	0.01%	0.12%	0.85%	0.23%	0.37%	0.16%	0.21%	0.61%	0.53%	0.21%	0.40%	0.28%	0.21%	4.21%

Table B44 Student growth effect—Australian Capital Territory

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.02%	0.04%	0.02%	0.02%	0.00%	0.03%	0.00%	0.17%	0.12%	0.04%	0.02%	0.00%	0.00%	0.47%
Cert IV	0.00%	0.01%	0.00%	0.01%	0.01%	0.02%	0.07%	0.07%	0.08%	0.01%	0.01%	0.00%	0.00%	0.30%
Cert III	0.00%	0.01%	0.15%	0.07%	0.01%	0.01%	0.00%	0.08%	0.11%	0.01%	0.07%	0.00%	0.00%	0.53%
Cert I/II	0.00%	0.00%	0.03%	0.01%	0.00%	0.00%	0.00%	0.08%	0.02%	0.01%	0.04%	0.03%	0.00%	0.23%
Other	0.00%	0.00%	0.02%	0.00%	0.01%	0.01%	0.00%	0.04%	0.02%	0.00%	0.02%	0.04%	0.00%	0.17%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	0.02%	0.07%	0.23%	0.12%	0.03%	0.07%	0.07%	0.43%	0.34%	0.06%	0.17%	0.08%	0.00%	1.69%

Table B45 Student growth effect—Australia

Qualification level	01-Natural & Physical Sciences	02-Information Technology	03-Engineering & Related Technologies	04-Architecture & Building	05-Agriculture, Environmental & Related Studies	06-Health	07-Education	08-Management & Commerce	09-Society & Culture	10-Creative Arts	11-Food, Hospitality & Personal Services	12-Mixed Field Programmes	Subject only - no FOE	Total
Dip+	0.00%	-0.01%	-0.01%	0.00%	0.00%	0.00%	0.00%	-0.04%	-0.02%	-0.01%	0.00%	0.00%	0.00%	-0.09%
Cert IV	0.00%	-0.01%	-0.01%	0.00%	0.00%	-0.01%	-0.01%	-0.02%	-0.01%	-0.01%	0.00%	0.00%	0.00%	-0.09%
Cert III	0.00%	-0.01%	-0.07%	-0.03%	-0.01%	0.00%	0.00%	-0.04%	-0.04%	0.00%	-0.03%	-0.01%	0.00%	-0.24%
Cert I/II	0.00%	0.00%	-0.03%	-0.01%	-0.01%	0.00%	0.00%	-0.03%	-0.01%	0.00%	-0.02%	-0.03%	0.00%	-0.14%
Other	0.00%	0.00%	-0.01%	-0.01%	0.00%	-0.01%	0.00%	-0.01%	0.00%	0.00%	0.00%	-0.03%	0.00%	-0.08%
Subject-only	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%	-0.01%
Total	0.00%	-0.03%	-0.13%	-0.05%	-0.03%	-0.02%	-0.02%	-0.14%	-0.08%	-0.02%	-0.06%	-0.07%	-0.01%	-0.66%

Appendix C: Reporting hours and enrolments for common, new and ceased modules by state

Table C1 Reporting hours and enrolments for common modules^(a) in 2006 and 2007, by state

	2006		2007	
	Reporting hours	Enrolments	Reporting hours	Enrolments
New South Wales	122 127 026	3 930 374	111 458 170	3 452 775
Victoria	*	*	*	*
Queensland	58 320 454	1 752 154	58 203 970	1 720 285
South Australia	21 298 646	669 183	23 139 438	731 717
Western Australia	35 078 301	992 357	33 007 583	935 737
Tasmania	7 865 883	240 437	8 298 528	257 506
Northern Territory	3 800 428	120 611	3 624 989	114 891
Australian Capital Territory	5 854 724	147 202	5 461 886	139 025
AUSTRALIA (excluding Victoria)	254 345 462	7 852 318	243 194 564	7 351 936

Notes: (a) Defined as modules delivered within a state in 2006 and 2007.

* Calculations exclude Victorian data due to the break in series for hours of delivery.

Calculations exclude enrolments that did not contain any reporting hours.

Source: Derived from NCVET National VET Provider Collection, 2006–07.

Table C2 Reporting hours and enrolments for new modules^(a) in 2007 and ceased modules^(b) in 2006, by state

	New modules in 2007		Ceased modules in 2006	
	Reporting hours	Enrolments	Reporting hours	Enrolments
New South Wales	16 976 023	596 459	3 006 692	115 483
Victoria	*	*	*	*
Queensland	2 121 567	72 623	1 424 708	42 662
South Australia	1 879 218	65 858	1 879 373	49 927
Western Australia	3 900 749	121 672	1 427 775	42 099
Tasmania	558 814	18 372	305 142	9 648
Northern Territory	463 396	18 103	304 954	7 235
Australian Capital Territory	775 633	18 370	829 692	19 729
AUSTRALIA (excluding Victoria)	26 675 400	911 457	9 178 336	286 783

Notes: (a) Defined as modules delivered within a state in 2007 but not in 2006.

(b) Defined as modules delivered within a state in 2006 but not in 2007.

* Calculations exclude Victorian data due to the break in series for hours of delivery.

Calculations exclude enrolments that did not contain any reporting hours.

Source: Derived from NCVET National VET Provider Collection, 2006–07.