

# Performance of Tertiary Education Organisations

## Educational Performance Indicators (new methodologies)

### University of Otago: 2016 Reporting Year

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#### Content of this report

#### 1. 2016 Rates for the four educational performance indicators showing the new methodologies

This report provides the 2016 rates for the educational performance indicators (EPIs) for University of Otago:

- first year retention rate (new methodology)
- cohort-based qualification completion rate (new methodology)
- course completion rate (existing methodology)
- progression rate (existing methodology).

The new methodologies provide a more meaningful reflection of a tertiary education organisation's performance. Unlike the EFTS-weighted qualification completion rate, the cohort-based measure tracks individual enrolments in qualifications and is not susceptible to rate changes due to external factors such as fluctuations in enrolment patterns or counting multiple completions for the same learning (e.g., through embedded qualifications). The methodology and rules for calculating the cohort-based qualification completion and the first year retention rates can be found [here](#).

The rules and methodologies for the course completion rate and the progression rate have not changed. However, this report uses different grouped register levels than in previous reports to align with the groupings for the new cohort-based qualification completion and first year retention rates.

Note that the overall cohort-based qualification completion rate can be impacted by the proportion of part-time students at a provider. The rate may also not include completions where learners are enrolled in longer qualifications and does not reflect when learners transfer to another TEO before completing a qualification.

Note the new cohort-based qualification completion rate and first year retention rate counts enrolments for all funding sources while the course completion and progression rates only include student achievement component funded enrolments.

#### 2. Supplemental information for cohort-based qualification completion and first year retention rates

The report also includes supplemental information to support the cohort-based qualification completion rate and first year retention rates:

- Information comparing the relative ranking of a TEO within its sub sector when using the existing and new methodologies for the qualification completion and retention rates
- Because of significant differences in how part-time students engage in and complete qualifications we show the volume and proportion of part-time versus full-time learners
- Because students may change their course of study part-way through we show:
  - o For qualification completions – when students complete or progress to a lower or higher level qualification without completing a qualification at the same level that they initially enrolled in
  - o For 1st year retention - When students complete a qualification or progress to a lower or higher level qualification without being retained at the same level after the year they enter the cohort

## Cohort-Based Qualification Completion Rate

This measures the number of learners out of a starting cohort who complete a qualification at the same level after a given time-frame. The rate includes, based on level of study, learners who started in 2011, 2013 and 2015. The percent of learners who either progressed to or completed at a different level than the cohort they were enrolled in is shown in the section on Supplemental and Comparative Information at the end of this report.

### All learners

<b>Overall</b>	University of Otago	73%
	All universities	65%
	All TEOs	65%
<b>Level 8 to 10</b> 2011 starting cohort 6 year: completions up to 2016	University of Otago	76%
	All universities	69%
	All TEOs	67%
<b>Level 7 degree</b> 2011 starting cohort 6 year: completions up to 2016	University of Otago	72%
	All universities	65%
	All TEOs	61%
<b>Level 4 to 7 (non degree)</b> 2013 starting cohort 4 year: completions up to 2016	University of Otago	75%
	All universities	55%
	All TEOs	69%
<b>Level 1 to 3</b> 2015 starting cohort 2 year: completions up to 2016	University of Otago	n/a
	All universities	79%
	All TEOs	64%

### Overall TEO cohort-based qualification completion rate

# 73%

	Number of learners	Completion Rate
Full-time	6,130	75%
Part-time	1,245	64%

### Full-time learners

<b>Overall</b>	75%
<b>Level 8 to 10</b>	78%
<b>Level 7 degree</b>	74%
<b>Level 4 to 7 (non degree)</b>	78%
<b>Level 1 to 3</b>	n/a

### Part-time learners

<b>Overall</b>	64%
<b>Level 8 to 10</b>	74%
<b>Level 7 degree</b>	33%
<b>Level 4 to 7 (non degree)</b>	33%
<b>Level 1 to 3</b>	n/a

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\* indicates that the data has been suppressed as one or more of the values is less than 10.

## First Year Retention Rate

This rate measures, for longer qualifications, how many learners re-enrolled at the same level in the year after they enter the cohort. The percent of learners who either completed or re-enrolled at a different level is shown in the section on Supplemental and Comparative Information at the end of this report.

### First year retention rates of 2015 starting cohort by levels

<b>Overall</b>	University of Otago	84%
	All universities	78%
	All TEOs	56%
<b>Level 8 to 10</b>	University of Otago	85%
	All universities	77%
	All TEOs	75%
<b>Level 7 degree</b>	University of Otago	83%
	All universities	78%
	All TEOs	72%
<b>Level 4 to 7 (non degree)</b>	University of Otago	n/a
	All universities	56%
	All TEOs	46%

### Overall TEO first year retention rate

84%

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## EFTS-Weighted Course Completion Rate

This measure shows the proportion of Student Achievement Component funded courses that are successfully completed.

**Note:** The methodology for the EFTS-weighted course completion rate has not changed, however the rates are presented using different register groups from those used in the current report.

### By level of study

Overall	University of Otago	89%
	All universities	86%
	All TEOs	81%
Level 8 to 10	University of Otago	93%
	All universities	92%
	All TEOs	84%
Level 7 degree	University of Otago	89%
	All universities	86%
	All TEOs	87%
Level 4 to 7 (non degree)	University of Otago	83%
	All universities	79%
	All TEOs	81%
Level 1 to 3	University of Otago	n/a
	All universities	78%
	All TEOs	76%

### Overall TEO EFTS-weighted course completion rate

89%

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## Student Progression to Higher Level Study

This measure shows the proportion of students in a given year who progress to study at a higher level after completing a Level 1 to 4 Student Achievement Component funded qualification.

**Note:** The methodology for the student progression to higher level of study rate has not changed.

### By level of study progressing from

Overall	University of Otago	96%
	All universities	90%
	All TEOs	29%
Level 4	University of Otago	96%
	All universities	90%
	All TEOs	20%
Level 3	University of Otago	n/a
	All universities	46%
	All TEOs	30%
Level 2	University of Otago	n/a
	All universities	34%
	All TEOs	44%
Level 1	University of Otago	n/a
	All universities	45%
	All TEOs	44%

### Overall TEO progression rate

96%

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## Relative Results Across Educational Performance Indicators

### Cohort-based qualification completion

This measures the number of learners out of a starting cohort who successfully complete at the same level after a given time-frame.

	Name	Rate
	University subsector median	65%
	All of sector median	65%
1	University of Otago	73%
2	University of Auckland	71%
3	University of Waikato	67%
4	University of Canterbury	66%
5	Victoria University of Wellington	65%
6	Auckland University of Technology	63%
7	Lincoln University	55%
8	Massey University	45%

### First year retention rate

This rate measures, for longer qualifications, how many learners re-enrolled in the same level in the year after they enter the cohort.

	Name	Rate
	University subsector median	78%
	All of sector median	56%
1	University of Otago	84%
2	University of Auckland	83%
3	Lincoln University	80%
4	Victoria University of Wellington	78%
5	Auckland University of Technology	78%
6	University of Canterbury	77%
7	University of Waikato	75%
8	Massey University	70%

### EFTS-weighted course completion

This measure shows the proportion of Student Achievement Component funded courses that are successfully completed.

	Name	Rate
	University subsector median	86%
	All of sector median	81%
1	University of Otago	89%
2	University of Auckland	89%
3	Victoria University of Wellington	87%
4	University of Canterbury	87%
5	University of Waikato	85%
6	Lincoln University	85%
7	Auckland University of Technology	85%
8	Massey University	82%

### Student progression to higher levels of study

This measure shows the proportion of students in a given year who progress to study at a higher level after completing a Level 1 to 4 Student Achievement Component funded qualification.

	Name	Rate
	University subsector median	90%
	All of sector median	29%
1	University of Otago	96%
2	University of Waikato	94%
3	University of Canterbury	94%
4	University of Auckland	92%
5	Massey University	87%
6	Auckland University of Technology	79%
7	Victoria University of Wellington	70%
8	Lincoln University	25%

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## Supplemental and Comparative Information

### Cohort-based Qualification Completion and First Year Retention Rates

The following tables and graphs provide supplemental information on the cohort-based qualification completion rate and the first year retention rate, and should support a fuller understanding of these two rates.

#### Cohort-Based Qualification Completion Rate

##### Part-time vs full-time study and completions/progressions to lower or higher levels

The following table shows the volume of part-time versus full-time learners studying at different register levels. It also shows when learners have completed a lower-level or higher-level qualification from which they originally started.

Cohort	Starting cohort year	Number of learners in starting cohort			Qualification completion	Other qualification completion		Non-completion progression	
		Full-time	Part-time	All	Rate	Higher level	Lower level	Higher level	Lower level
					Rate	Rate	Rate	Rate	Rate
Level 1 to 3	2015								
Level 4 to 7 (non degree)	2013	277	18	295	75%	0%	0%	3%	0%
Level 7 degree	2011	4,458	286	4,744	72%	0%	0%	1%	0%
Level 8 to 10	2011	1,395	941	2,336	76%	0%	1%	2%	0%

**Qualification completion:** This measures how many learners in a cohort successfully complete at the same level.

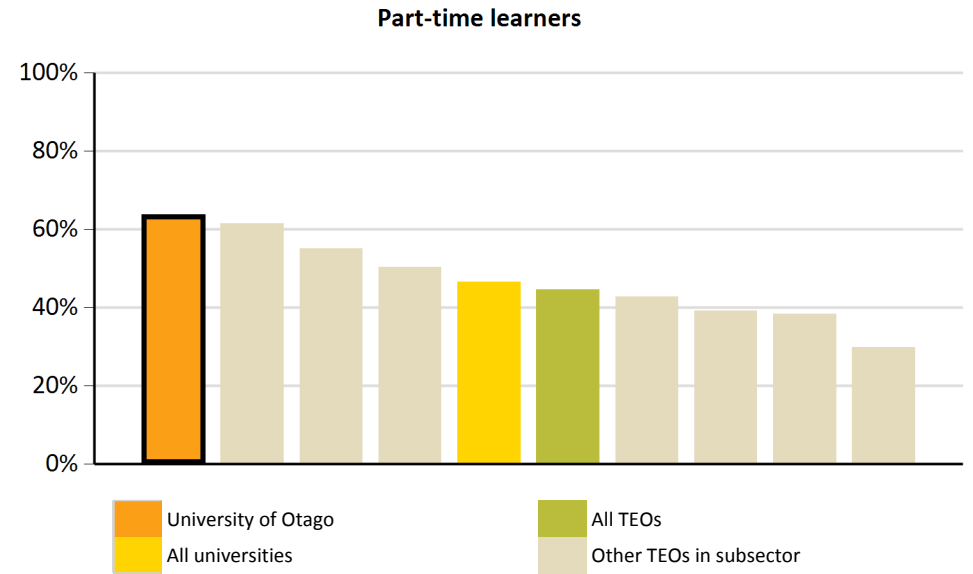
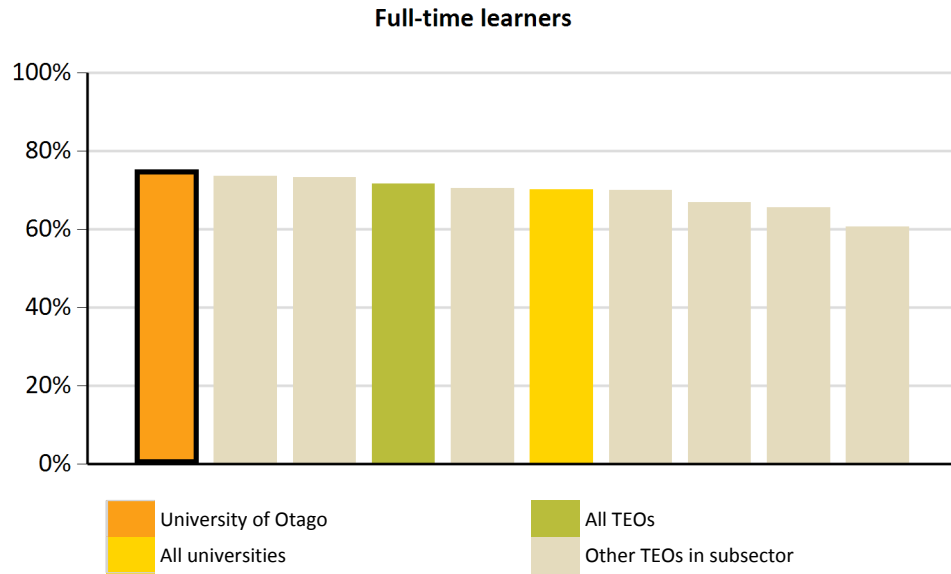
**Qualification completion at other levels:** This measures how many learners in a cohort, who have not completed a qualification as part of the cohort but have completed a qualification at a higher or lower level.

**Non-completion progression:** This measures how many learners in the cohort progress to a higher or lower level without having completed a qualification at the level they started.

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## TEO Comparison vs. Sub-sector: Cohort-Based Qualification Completion Rates for Full-time and Part-time Learners



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## Comparing Relative Rankings: EFTS-Weighted Qualification Completion Rate vs. Cohort-Based Qualification Completion Rate

### EFTS-weighted qualification completion rate (original)

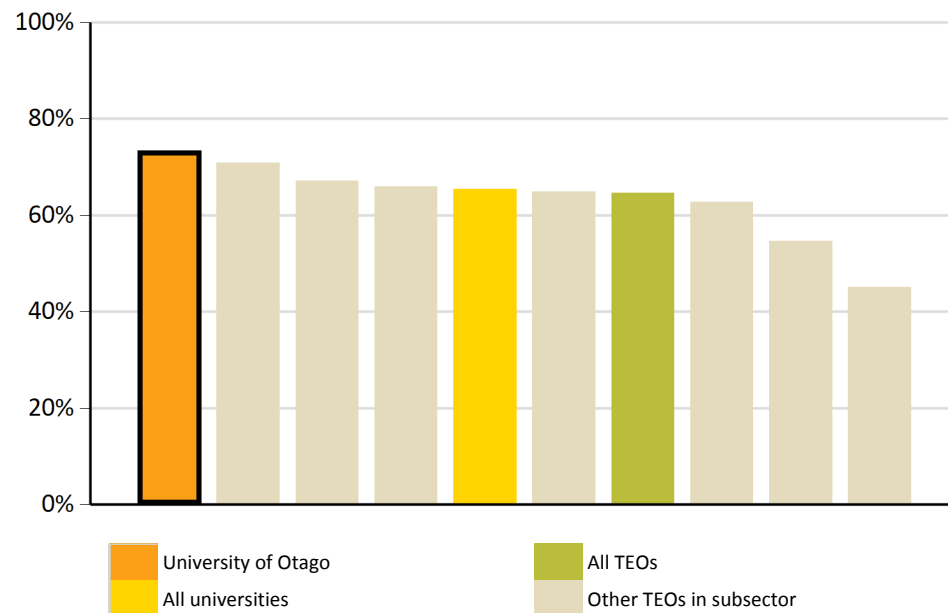
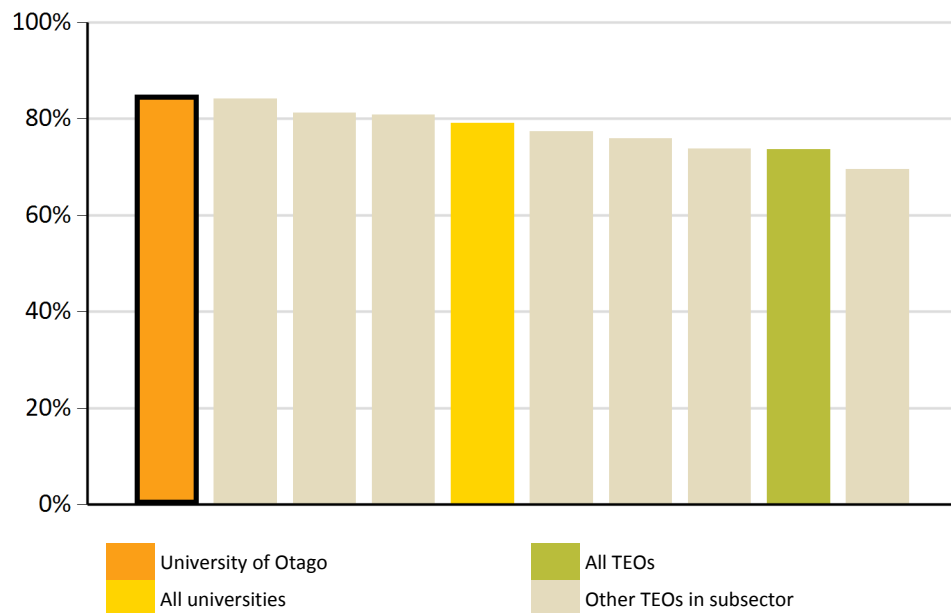
#### *Student achievement component provision only*

The measures the number of qualifications completed at each TEO, weighted by the 'size' of the qualification, divided by the total number of EFTS delivered for the total course enrolments in a given year.

### Cohort-based qualification completion rate (new)

This measures the number of learners out of a starting cohort who successfully complete at the same level after a given time-frame.

In contrast to the EFTS-weighted qualification completion rate, the cohort-based measure counts unique individuals and is not susceptible to rate changes due to external factors such as fluctuations in enrolment patterns or artificially increased rates through counting multiple completions (e.g., through embedded qualifications).



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## First Year Retention Rate

The following table provides supplemental information on the first year retention rate, and should support a fuller understanding of these rates.

Cohort	Starting cohort year	Cohort	First year retention	Completion	Progression	
		Total number	Rate	Rate	Higher level	Lower level
Level 4 to 7 (non degree)	2015					
Level 7 degree	2015	4,166	83%	1%	0%	0%
Level 8 to 10	2015	726	85%	8%	0%	0%

**First year retention rate:** This rate measures, for longer qualifications, how many learners from the starting cohort are retained in study in the year following the year they enter the cohort.

**Completion:** This measures how many learners have not been retained because they completed the qualification.

**Progression:** This measures how many learners who have not been retained but have progressed to either a higher or lower level.

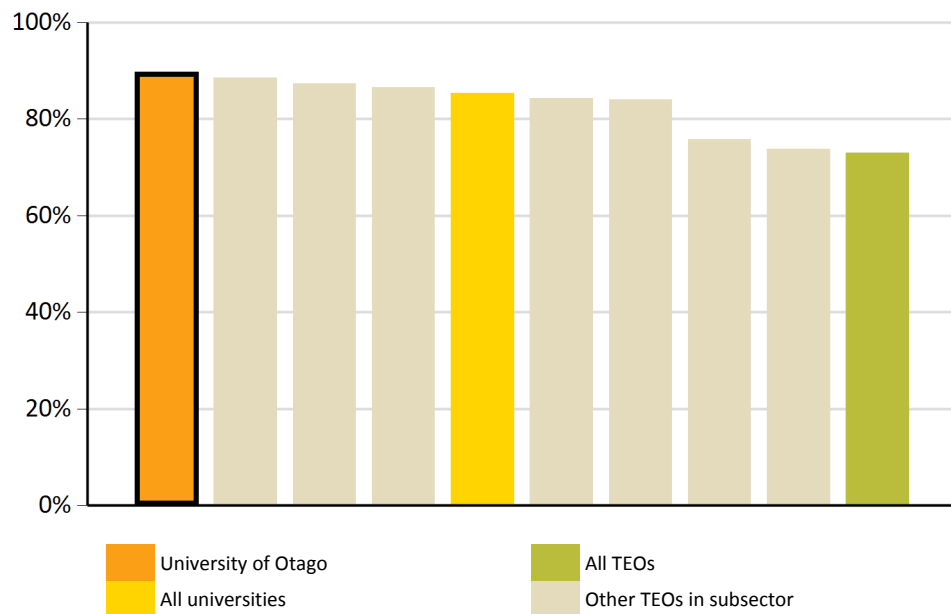
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## Comparing Relative Rankings: Student Retention Rate vs. First Year Retention Rate

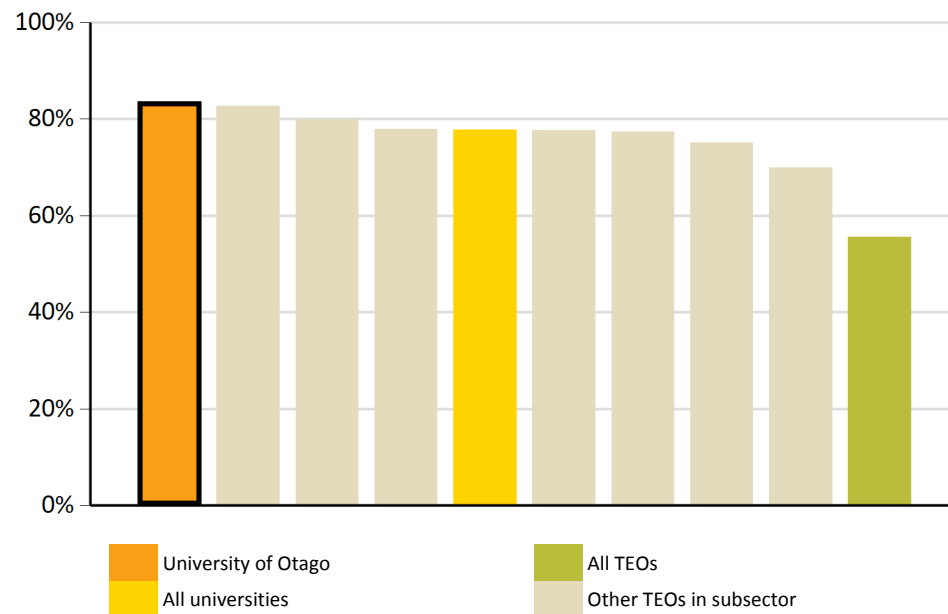
### Student retention rate (original)

This measure shows the proportion of students in a given year that complete a qualification or re-enrol at the same tertiary education organisation in the following year.



### First year retention rate (new)

This rate measures, for longer qualifications, how many learners re-enrolled in the same level in the year after they enter the cohort.



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