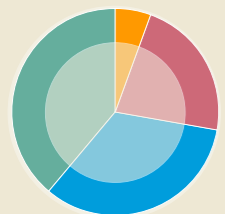


# Institutes of Technology and Polytechnics

The Performance-Based Research Fund (PBRF) encourages and rewards the breadth and diversity of research excellence and its role in supporting and developing New Zealand and our tertiary education sector. The PBRF Quality Evaluation is an assessment of the research performance of staff through Evidence Portfolios (EPs) at participating tertiary education organisations and is the major component of the PBRF. The PBRF was established to increase the average quality of research and ensure that research continues to support degree and postgraduate teaching.

## 36 TEOs participated in the PBRF 2018 Quality Evaluation



- 2 wānanga
- 8 universities
- 12 PTEs
- 14 ITPs

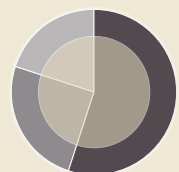
### 14 participating ITPs:

- Ara Institute of Canterbury
- Eastern Institute of Technology
- Manukau Institute of Technology
- Nelson Marlborough Institute of Technology
- NorthTec
- Open Polytechnic
- Otago Polytechnic
- Toi Ohomai Institute of Technology
- Unitec New Zealand
- Universal College of Learning
- Waikato Institute of Technology
- Wellington Institute of Technology
- Western Institute of Technology at Taranaki
- Whitireia Community Polytechnic

TEOs have a range of important roles and purposes, including research, teaching and service to the community.

The type and focus of a TEO may impact on the number of PBRF-eligible staff and funded Quality Categories.

The results of PBRF Quality Evaluations reflect that many non-university TEOs actively support a research culture and contribute quality outputs to the research environment.



**PBRF total funding**  
55% Quality Evaluation  
25% Research Degree Completion  
20% External Research Income

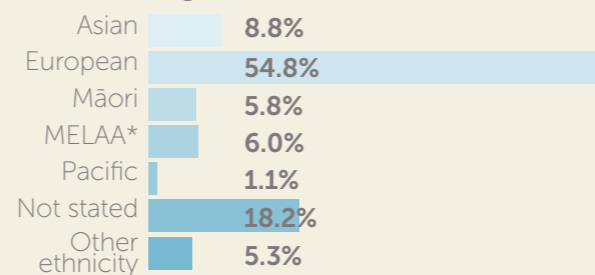
## Overview of the sector

The number of ITPs that participated in 2018 increased compared with 2012, up from 10 in 2012 to 14 in 2018.

The number of EPs awarded funded Quality Categories has increased over each Quality Evaluation. There has been a 26.5% increase in EPs awarded a B Quality Category and a 28.9% increase in EPs awarded a C Quality Category between 2012 and 2018. The number of researcher EPs that received a C(NE) Quality Category has gone up from 58.09 in 2012 to 94.79 in 2018, a 63.2% increase.

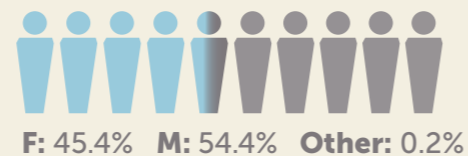
The distribution of B and C Quality Categories suggests a focus on supporting a research culture and the sector's contribution to regional and local communities.

### Ethnicity



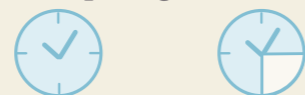
\*Middle Eastern, Latin American, and African.

### Gender



F: 45.4% M: 54.4% Other: 0.2%

### Employment



Full-time 70.4% Part-time\* 29.6%

\*Defined as staff who are less than 1 FTE.

### Age range



Age is calculated as the difference between birth date and 1 July 2018.

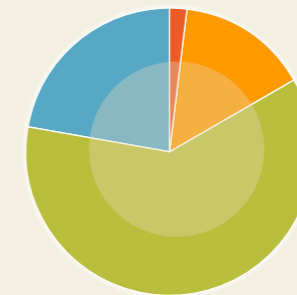


The ITP subsector received **2.7%** of the total indicative funding available for the PBRF. In 2019, this equates to **\$8,655,319**.

This funding amount is determined by the TEO's performance, and its performance relative to other TEOs, in the three components of the PBRF:

- the Quality Evaluation
- Research Degree Completion
- External Research Income.

## Total funded Quality Categories



Staff awarded **A: 2.1%**  
Staff awarded **B: 14.8%**  
Staff awarded **C: 61.2%**  
Staff awarded **C(NE): 22.0%**

Quality Category A – peer recognition for their research at a world-class level  
Quality Category B – peer recognition for their research at a national level  
Quality Category C – peer recognition for their research and indicates a contribution to the research environment within their organisation or the wider community  
Quality Category C(NE) – contains evidence of quality-assured research outputs produced, but may have limited or no research-related activity in the research contribution component (can be awarded to new and emerging (NE) researchers).

ITPs received funded Quality Categories across all

**13 panels**

New and emerging researchers (NE) represent

**23.2%**

within the ITP subsector

Total funded Quality Categories assigned to EPs of

**431.52**  
PBRF-eligible staff

Panels with the largest number of funded Quality Categories



**Creative and Performing Arts**  
(101.92 PBRF-eligible staff)



**Engineering, Technology & Architecture**  
(57.61 PBRF-eligible staff)

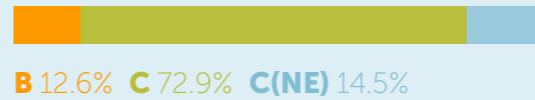


**Education**  
(44.48 PBRF-eligible staff)

# Institutes of Technology and Polytechnics

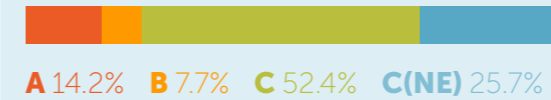
## Funded Quality Category results by panel and subject area

### Education



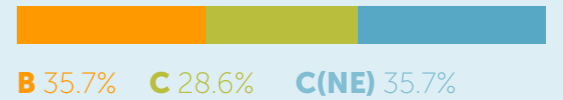
Total Quality Categories assigned to EPs of **44.48** PBRF-eligible staff

### Māori Knowledge & Development



Total Quality Categories assigned to EPs of **13.84** PBRF-eligible staff

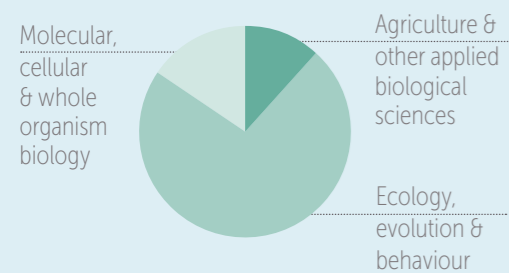
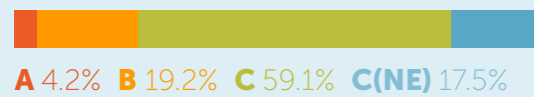
### Pacific Research



Total Quality Categories assigned to EPs of **2.80** PBRF-eligible staff

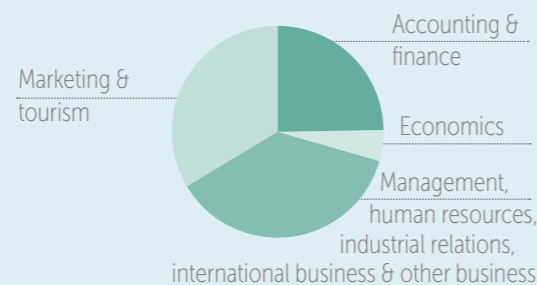
The Education, Māori Knowledge & Development, and Pacific Research panels do not have additional subject areas.

### Biological Sciences



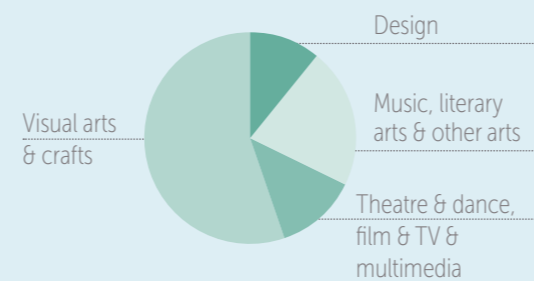
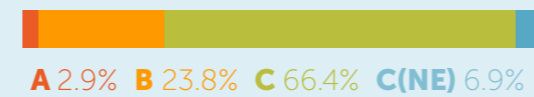
Total Quality Categories assigned to EPs of **23.94** PBRF-eligible staff

### Business & Economics



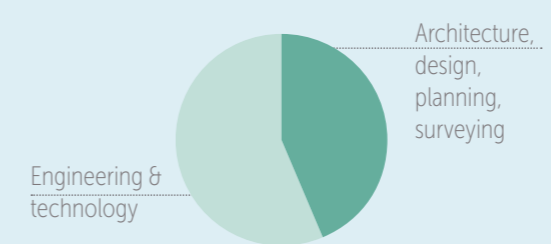
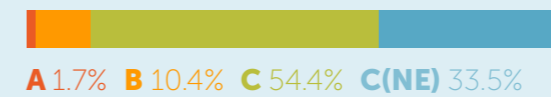
Total Quality Categories assigned to EPs of **41.73** PBRF-eligible staff

### Creative & Performing Arts



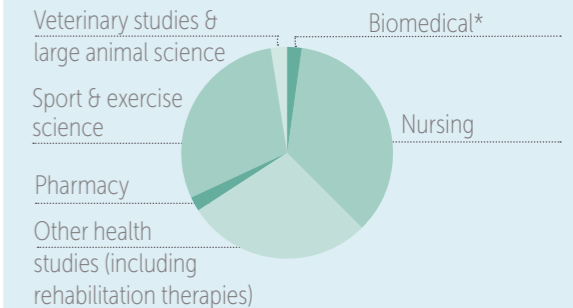
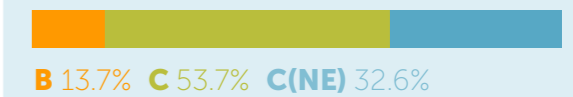
Total Quality Categories assigned to EPs of **101.92** PBRF-eligible staff

### Engineering, Technology & Architecture



Total Quality Categories assigned to EPs of **57.61** PBRF-eligible staff

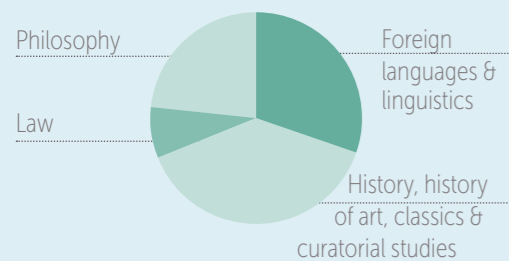
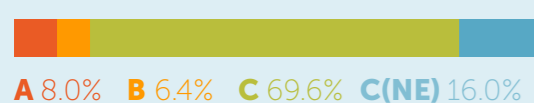
### Health



Total Quality Categories assigned to EPs of **43.50** PBRF-eligible staff

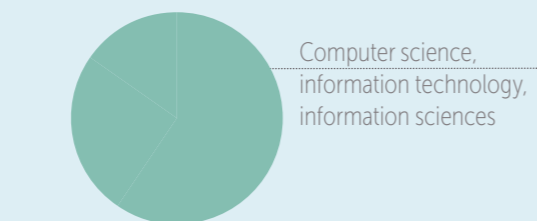
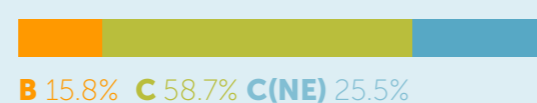
\*One EP had a different subject area than that covered by the panel. It is included in the total.

### Humanities & Law



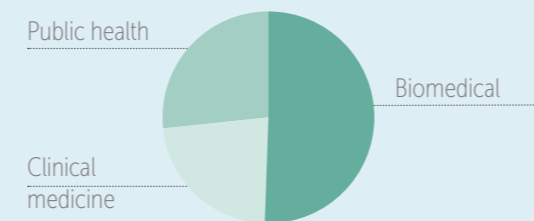
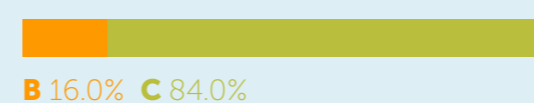
Total Quality Categories assigned to EPs of **12.48** PBRF-eligible staff

### Mathematical & Information Sciences & Technology



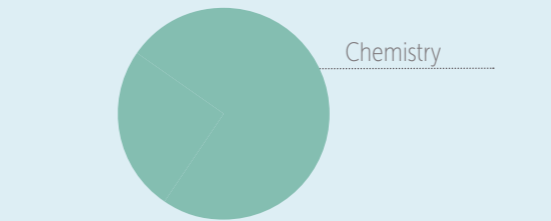
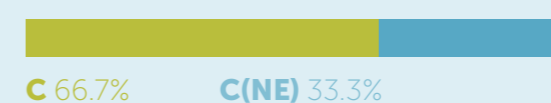
Total Quality Categories assigned to EPs of **43.08** PBRF-eligible staff

### Medicine & Public Health



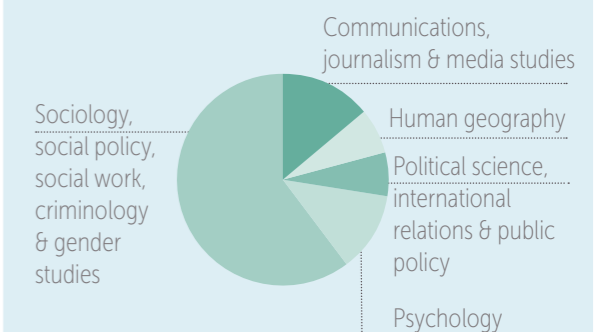
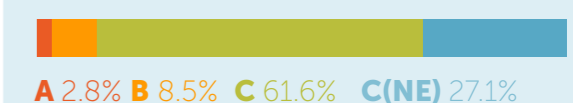
Total Quality Categories assigned to EPs of **7.79** PBRF-eligible staff

### Physical Sciences



Total Quality Categories assigned to EPs of **3.00** PBRF-eligible staff

### Social Sciences & Other Cultural/Social Studies



Total Quality Categories assigned to EPs of **35.35** PBRF-eligible staff

Notes: 1) Staff numbers reflect FTE-weighted staff. 2) Percentages for Quality Categories have been rounded to one decimal place. 3) Only subject areas where ITPs received funded Quality Categories are listed.