



Board of
Surveying and
Spatial Information

BOSSI Statistical Review 2017-2018

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Introduction

The Board of Surveying and Spatial Information (BOSSI) is a statutory board constituted under the *Surveying and Spatial Information Act 2002*. Its principal functions are:

- The registration of surveyors.
- The investigation of complaints against registered surveyors.
- The taking of disciplinary action against registered surveyors.
- The investigation of matters referred to it by the Minister for advice or report in relation to surveying or any other aspect of the spatial information industry.
- The investigation of, and the provision of advice to the Minister with respect to, the practice to be followed in the conduct of surveys or in the collection, collation and dissemination of any other kinds of spatial information.
- The provision of advice to the Minister on the maintenance of the integrity of the State cadastre.
- The provision of advice to the Minister with respect to any other matter in connection with the administration of the *Surveying and Spatial Information Act 2002*.

BOSSI Register

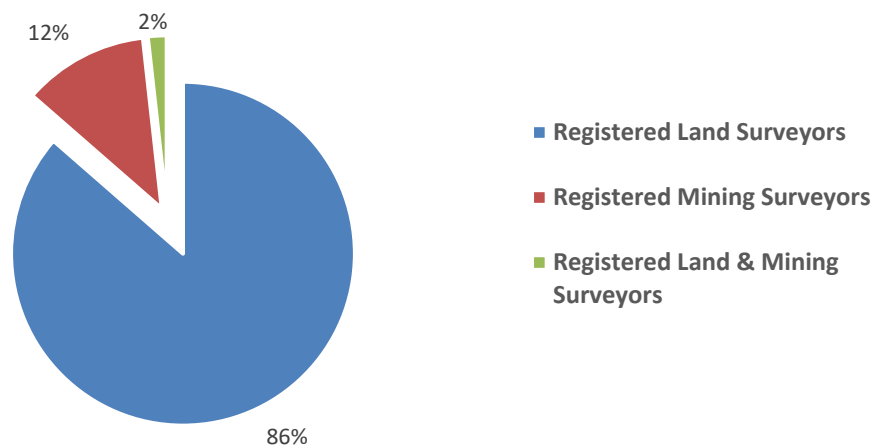
The BOSSI Register contains details for all registered surveyors and candidate surveyors since 1929 when the first Surveyors Act was enacted in NSW and the Board of Surveyors (BOS) was formed under that Act. In 2002 the Board of Surveyors was renamed the Board of Surveying and Spatial Information (BOSSI) when the Surveying and Spatial Information Act was enacted.

Currently the Register contains 1064 financial registered surveyors and 247 financial candidate surveyors.

Financial Registered Surveyors

BOSSI registers surveyors in two disciplines being land surveying and mining surveying. Current number of financial registered surveyors as of October 2018 is as follows:

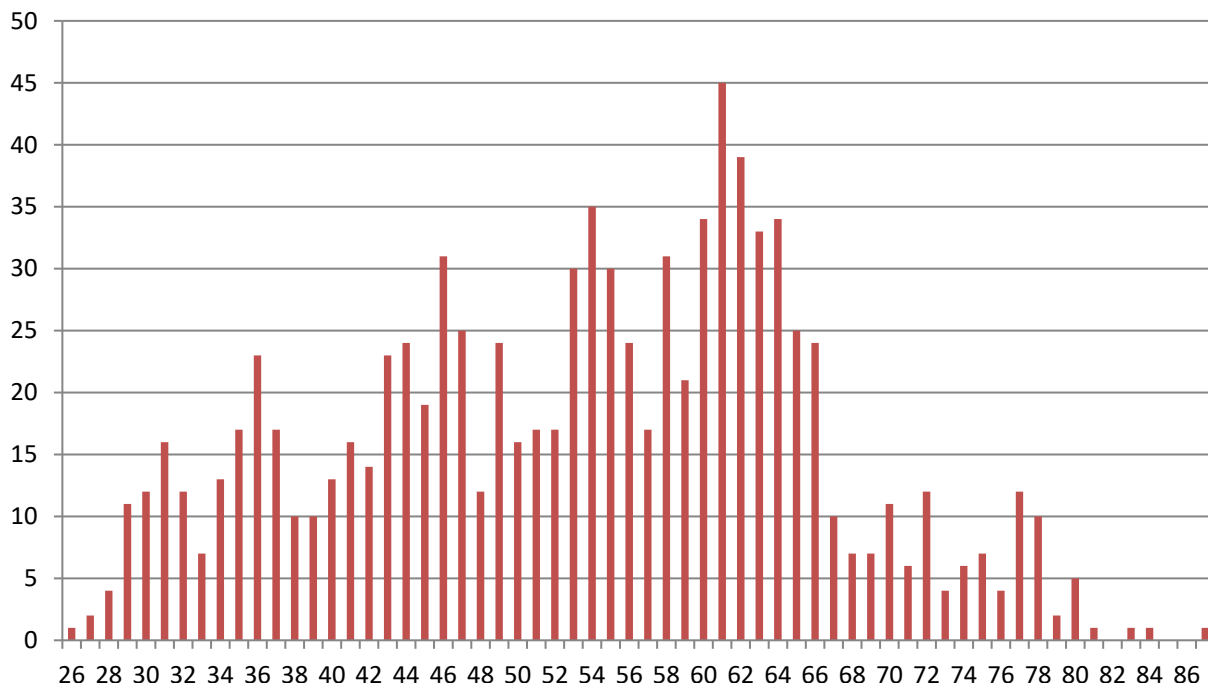
| | |
|------------------------------------|------|
| Registered Land Surveyors | 936 |
| Registered Mining Surveyors | 128 |
| Registered Land & Mining Surveyors | 19 |
| Total | 1064 |



Registered Land Surveyors

Age

The age range of financial registered land surveyors is shown below. The average age of financial registered land surveyors on the Board's register is 53 and the age group with the largest number of surveyors is the 61 year age group. The oldest financial registered surveyor is 87 and the youngest is 26.



Degree

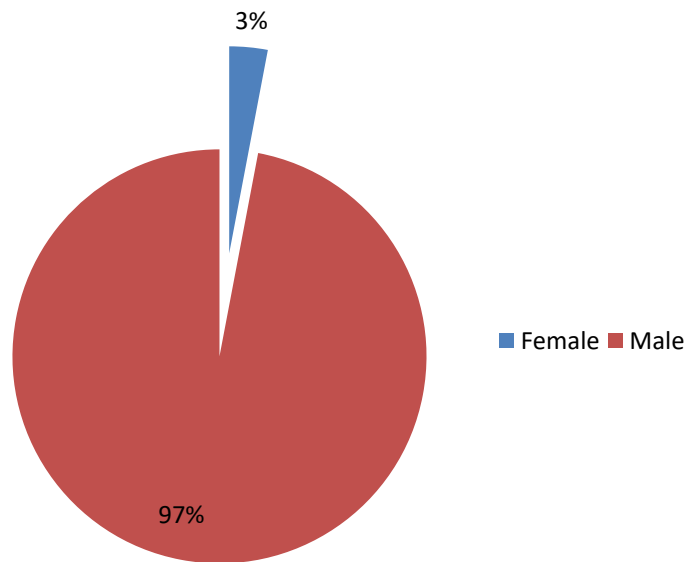
The majority of financial registered land surveyors have graduated from the University of NSW. The second highest group being the University of Newcastle and the third via the old Articles system. There are also a number of interstate and overseas qualified surveyors as detailed in the table below:

| | |
|--|-----|
| University of NSW | 474 |
| University of Newcastle | 197 |
| Articles | 49 |
| Queensland University of Technology | 32 |
| University of Southern Queensland | 36 |
| West Australian Institute of Technology | 22 |
| Royal Melbourne Institute of Technology | 18 |
| Otago University | 12 |
| University of Tasmania | 9 |
| University of Melbourne | 6 |
| Curtin University | 7 |
| Canberra University | 4 |
| University of South Australia | 4 |
| University of Warsaw | 2 |
| Russia | 2 |
| University of Belgrade | 1 |
| La Plata University | 1 |
| University of Queensland | 1 |
| University of Calgary | 1 |

| | |
|---|---|
| Northern Territory Qualifications | 1 |
| Coal Mines Surveyor's Certificate of Competency | 1 |
| University of Cape Town | 2 |
| SA Institute Technology | 1 |
| AGH University of Science & Tech Poland | 1 |
| Bochum Technical College | 1 |
| University of Zimbabwe | 1 |
| Wuhan Technical University | 1 |
| Oregon State University | 1 |
| Wroclaw University | 1 |

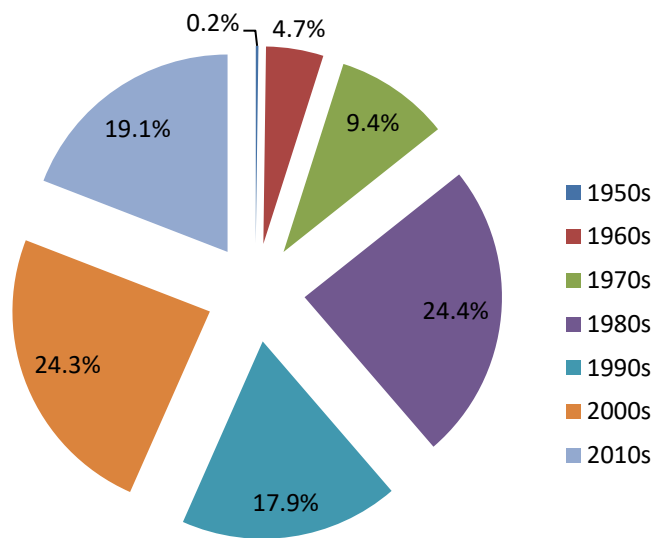
Gender

The majority of financial registered land surveyors are male. Currently there are 28 female registered land surveyors.

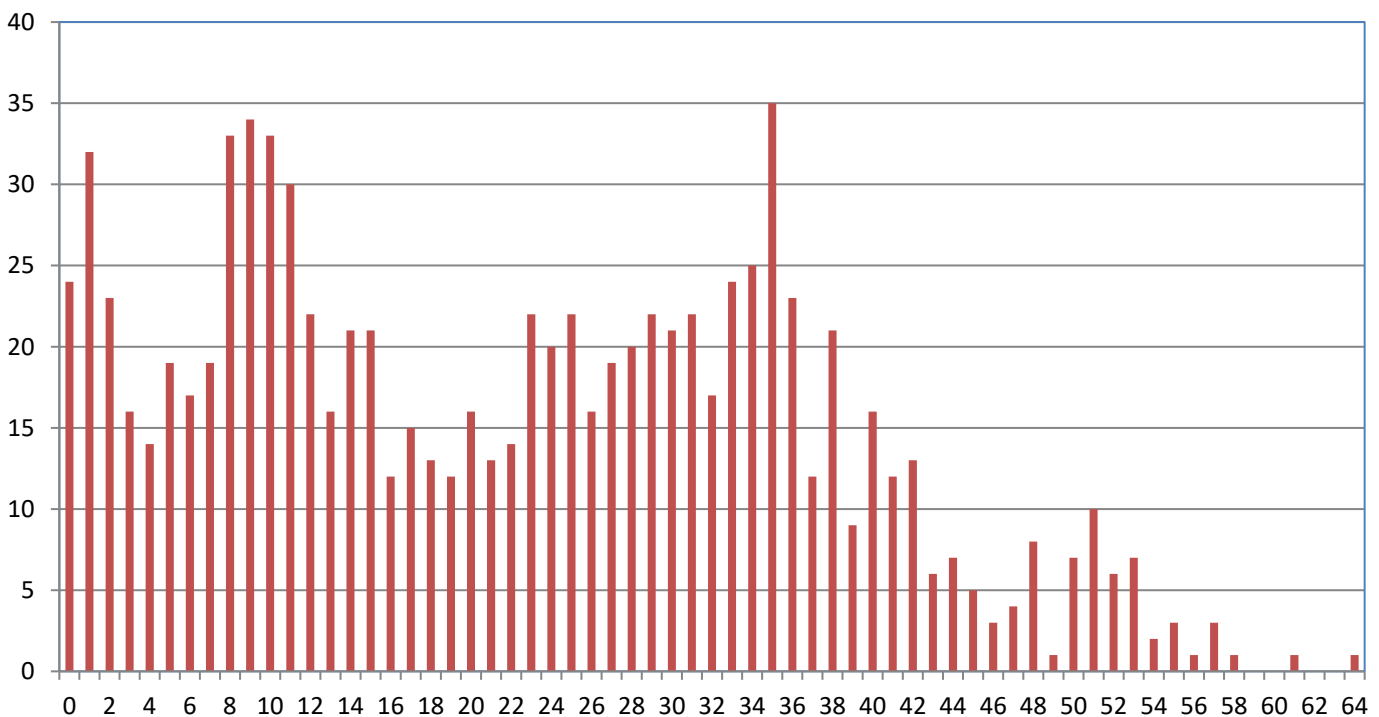


Registration

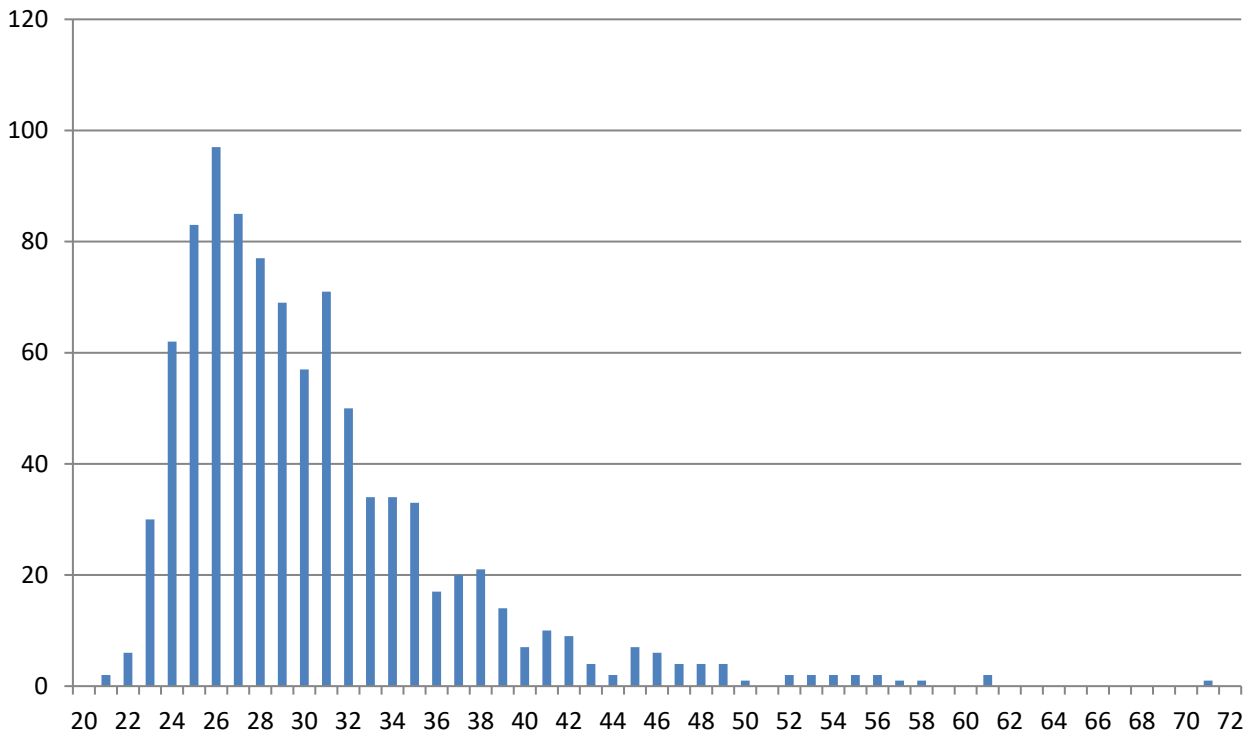
The initial registration of the current financial registered land surveyors spans from the 50s to the present date. The biggest group are surveyors who gained registration in the 1980s followed by the 2000s and the 2010s.



The following graph shows the length of time current financial registered land surveyors have been registered. The longest span of registration is 64 years, with the average being 23 years and the graph exhibits two peaks around 10 years and 35 years with a smaller peak at 1 year.



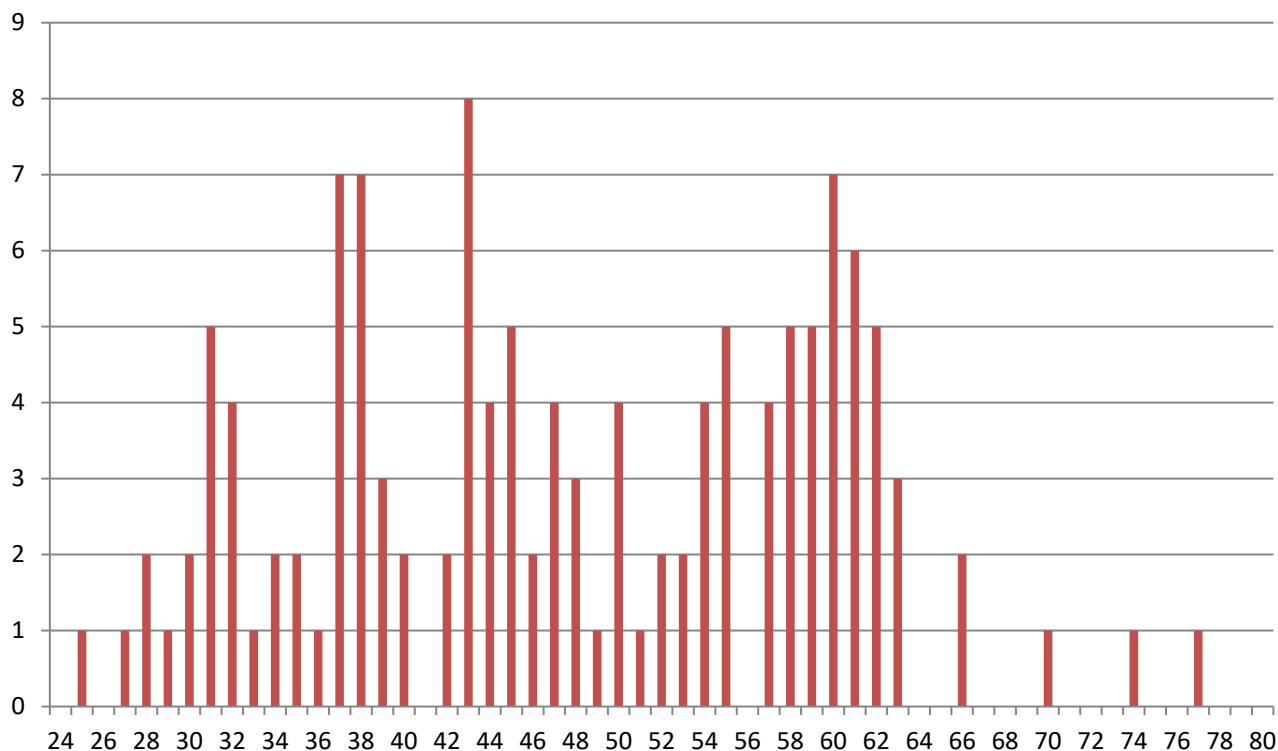
The age of land surveyors when they have gained registration is displayed below. Most surveyors gained their initial registration in their 20s, with the youngest being 21 and the oldest being 71. The average age is 30 with the largest age group being 26 years.



Registered Mining Surveyors

Age

The age range of financial registered mining surveyors is shown below. The average age of financial registered mining surveyors on the Board's register is 48 and the age group with the largest number of surveyors is the 43 followed by the 37, 38 & 60 year age groups. The oldest financial registered mining surveyor is 77 and the youngest is 25.



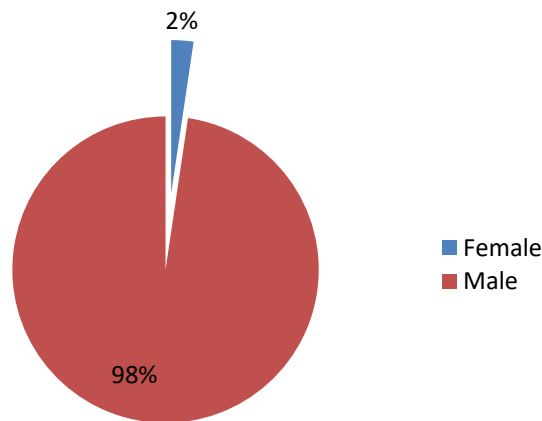
Degree

The majority of financial registered mining surveyors have come through the previous mining surveyor certificate of competency, with the next grouping coming from the University of Southern Queensland, TAFE and University of Newcastle. There are also a number of interstate and overseas qualified surveyors as detailed in the table below:

| | |
|--|----|
| Mining Surveyor Certificate of Competency | 46 |
| University of Southern Queensland | 15 |
| TAFE | 16 |
| University of Newcastle | 14 |
| University of NSW | 10 |
| Royal Melbourne Institute of Technology | 2 |
| University of South Australia | 2 |
| Curtin University | 2 |
| Queensland University of Technology | 1 |
| Russia | 1 |
| University of Exeter | 1 |
| Tshwane University of Technology | 1 |
| University of Zimbabwe | 2 |

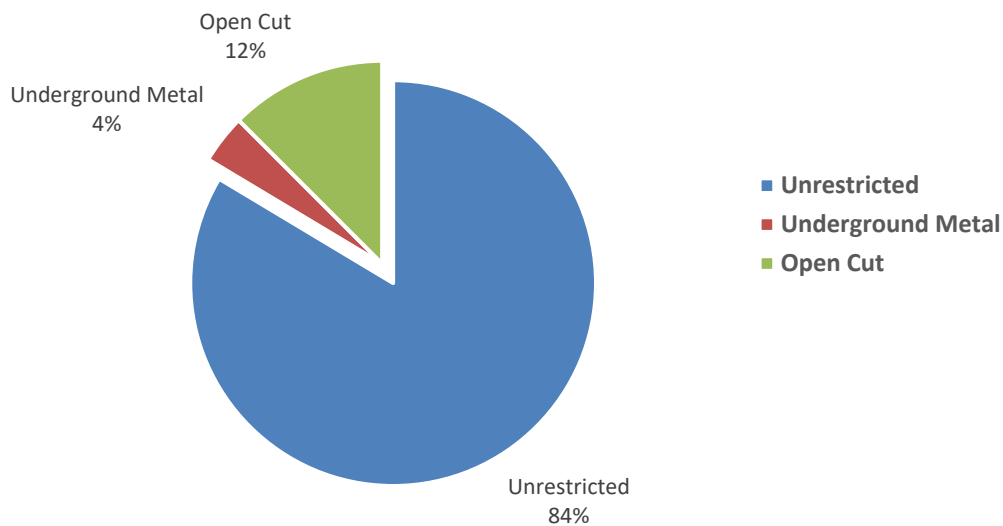
Gender

The majority of financial registered mining surveyors are male. Currently there are 3 female registered mining surveyors.

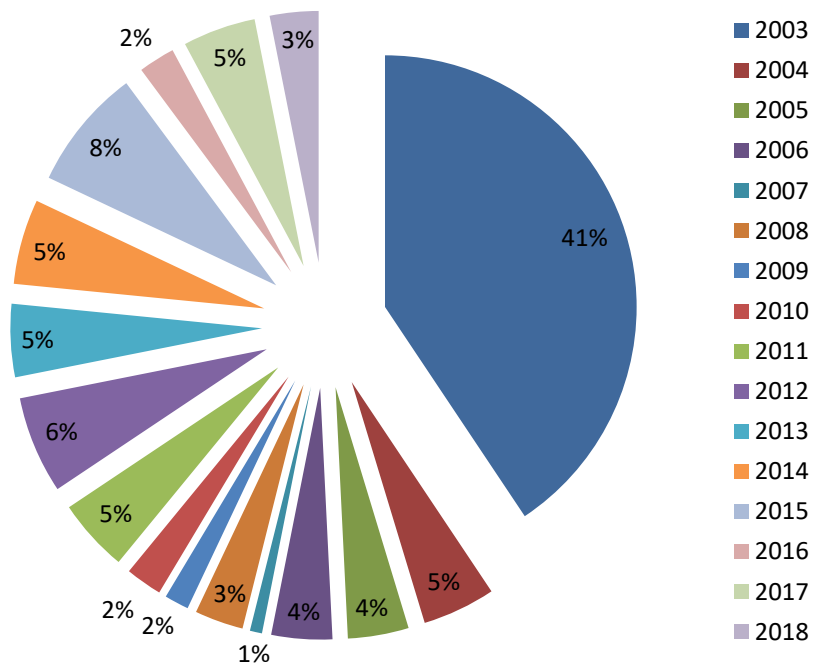


Registration Categories

Currently the Board has three categories of mining surveying registration, being unrestricted, underground metalliferous mines, and open cut mines. Of the current financial registered mining surveyors the majority have an unrestricted registration with 5 surveyors having an underground metalliferous registration and 16 having an open cut registration.



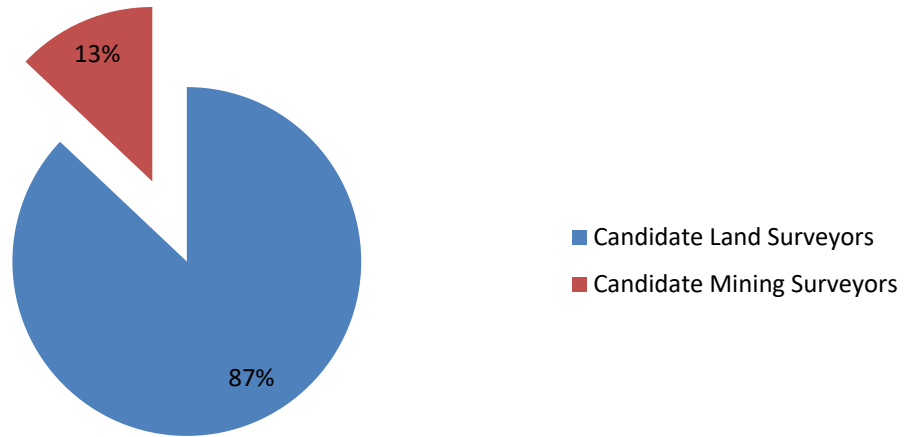
As mining surveying registration under the Surveying and Spatial Information Act 2002 was only introduced when the Act commenced, the initial date of registration for financially registered mining surveyors in the Board's register spans from 2003 to present and the majority of these being in 2003. Since 2003 there have been on average of 8 mining surveyors become registered with 2015 having the biggest year with 10 and 2007 having the smallest year with 1.



Financial Candidate Surveyors

BOSSI enrolls candidate surveyors in two disciplines being land surveying and mining surveying. Current number of financial candidate surveyors as of July 2018 is as follows:

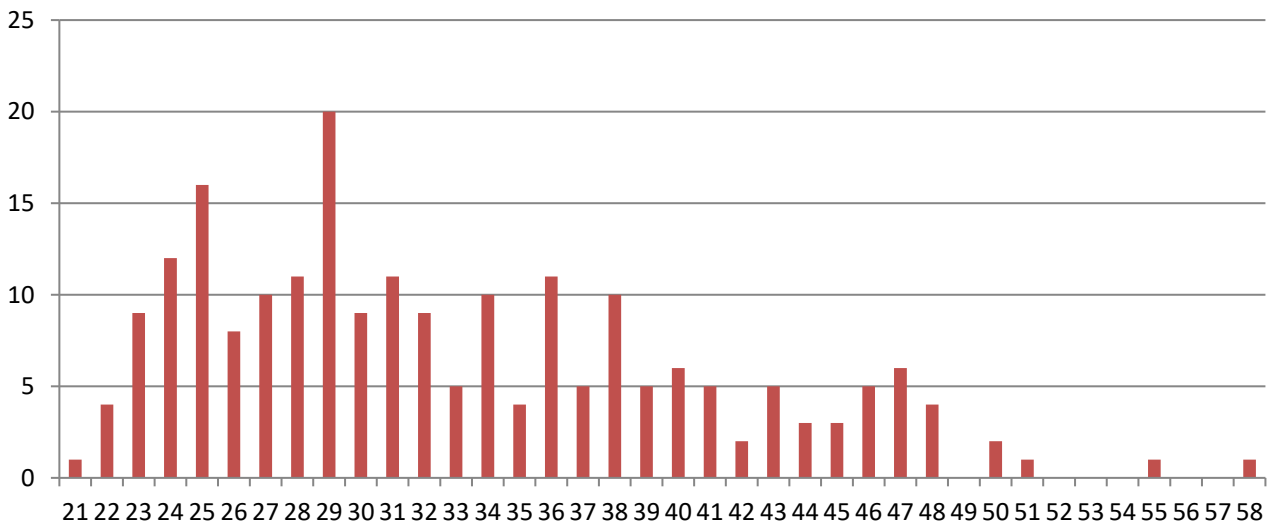
| | |
|----------------------------|-----|
| Candidate Land Surveyors | 215 |
| Candidate Mining Surveyors | 32 |
| Total | 247 |



Candidate Land Surveyors

Age

The age range of financial candidate land surveyors is shown below. The average age of financial candidate land surveyors on the Board’s register is 33 and the age group with the largest number of surveyors is the 29 year age group. The oldest financial candidate surveyor is 58 and the youngest is 21.



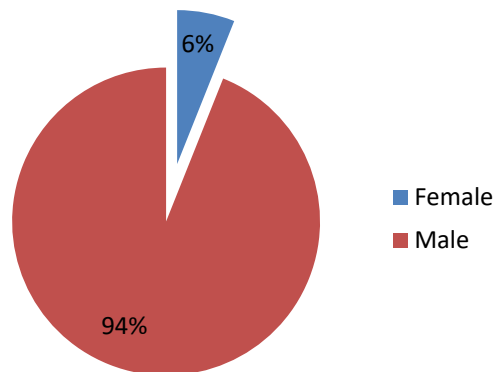
Degree

The three main universities that current financial candidate land surveyors have graduated from (or are attending) are the University of Newcastle, the University of Southern Queensland, and the University of NSW. There are also a number of candidates who have graduated from interstate and overseas as listed in the below table.

| | |
|---|------------|
| UNIVERSITY OF NEWCASTLE | 57 |
| UNIVERSITY OF SOUTHERN QUEENSLAND | 51 |
| UNIVERSITY OF NEW SOUTH WALES | 50 |
| CURTIN UNIVERSITY | 9 |
| ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY | 7 |
| SABARAGAMUWA UNIVERSITY | 6 |
| OTAGO UNIVERSITY NZ | 4 |
| UNIVERSITY OF TASMANIA | 3 |
| UNIVERSITY OF ZIMBABWE | 3 |
| KWAME NKRUMAH UNIVERSITY OF SCIENCE & TECHNOLOGY | 2 |
| UNIVERSITY OF THE PHILIPPINES | 1 |
| ESFAHA UNIVERSITY | 1 |
| DUBLIN INSTITUTE TECHNOLOGY | 1 |
| HEILONGJIAN INSTITUTE OF TECHNOLOGY | 1 |
| HIGH TECHNICAL INDUSTRIAL INST DEKWANEH | 1 |
| MIDLANDS STATE UNIVERSITY | 1 |
| QUEENSLAND UNIVERSITY OF TECHNOLOGY | 1 |
| UNIVERSITY COLLEGE LONDON | 1 |
| UNIVERSITY OF BELGRADE | 1 |
| UNIVERSITY OF NOTTINGHAM | 1 |
| UNIVERSITY OF PLYMOUTH | 1 |
| UNIVERSITY OF SOUTH AUSTRALIA | 1 |
| IMAM HOSSEIN UNIVERSITY | 1 |
| AGH UNIVERSITY OF SCIENCE & TECH POLAND | 1 |
| TECHNICAL UNIVERITY OF CIVIL ENGINEERING | 1 |
| SOUTHWEST UNIVERSITY OF SCIENCE & TECHNOLOGY | 1 |
| ISLAMIC AZAD UNIVERSITY | 1 |
| UNIVERSITY OF ZILINA | 1 |
| Not Specified | 5 |
| Total | 215 |

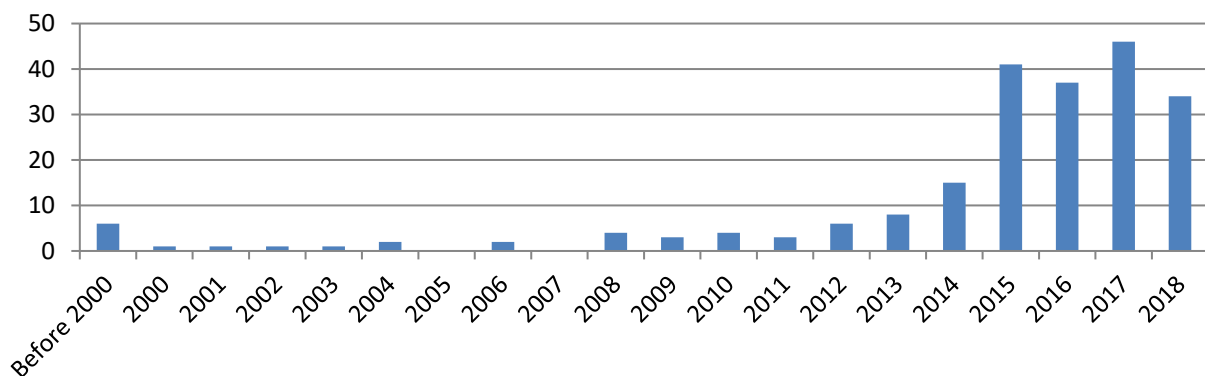
Gender

The majority of financial candidate land surveyors are male. Currently there are 13 female candidate land surveyors.



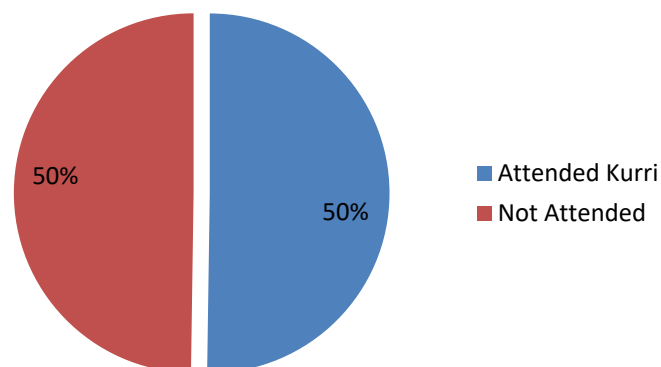
Enrolment

The majority of financial candidate land surveyors have only been recently enrolled, with 34 commencing enrolment 2018. There are currently 6 financial candidate land surveyors who have been enrolled since before 2000.



Kurri Kurri Workshop

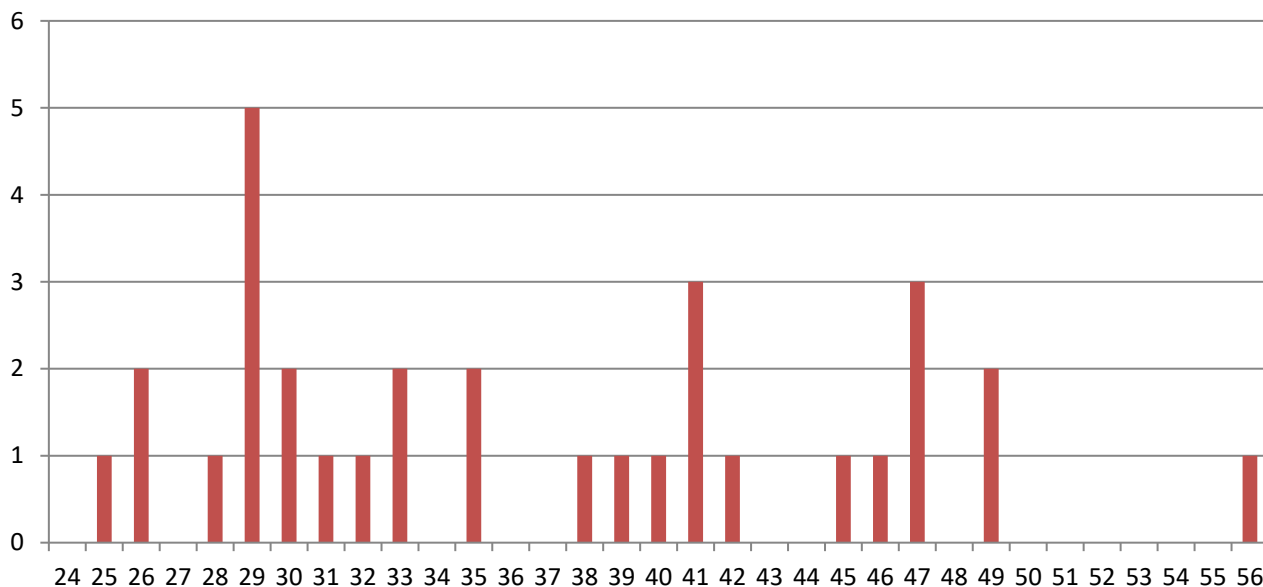
Just over a half of the financial candidate land surveyors have attended the Kurri Kurri Workshop.



Candidate Mining Surveyors

Age

The age range of financial candidate mining surveyors is shown below. The average age of financial candidate mining surveyors on the Board’s register is 37 and the age group with the largest number of surveyors is the 29 year age group. The oldest financial candidate surveyor is 56 and the youngest is 25.



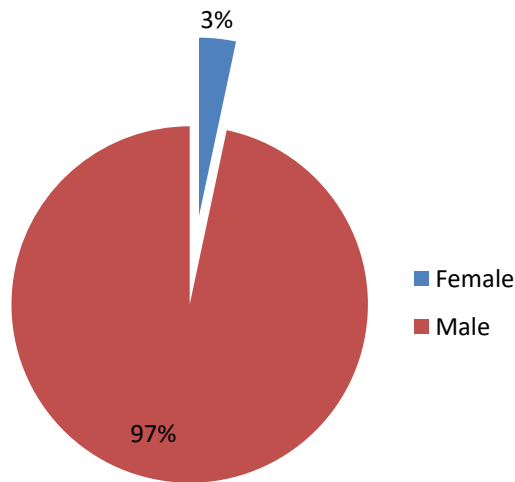
Degree

The majority of candidate mining surveyors have graduated from the University of Southern Queensland, University of Newcastle and TAFE. There are also a number of candidates who have graduated from interstate and overseas as listed in the below table.

| | |
|---|-----------|
| University of Southern Queensland | 13 |
| University of Newcastle | 7 |
| TAFE | 6 |
| University of NSW | 3 |
| Dong A University | 1 |
| Technikon Pretoria | 1 |
| University of Exeter | 1 |
| Papua New Guinea University Technology | 1 |
| Total | 32 |

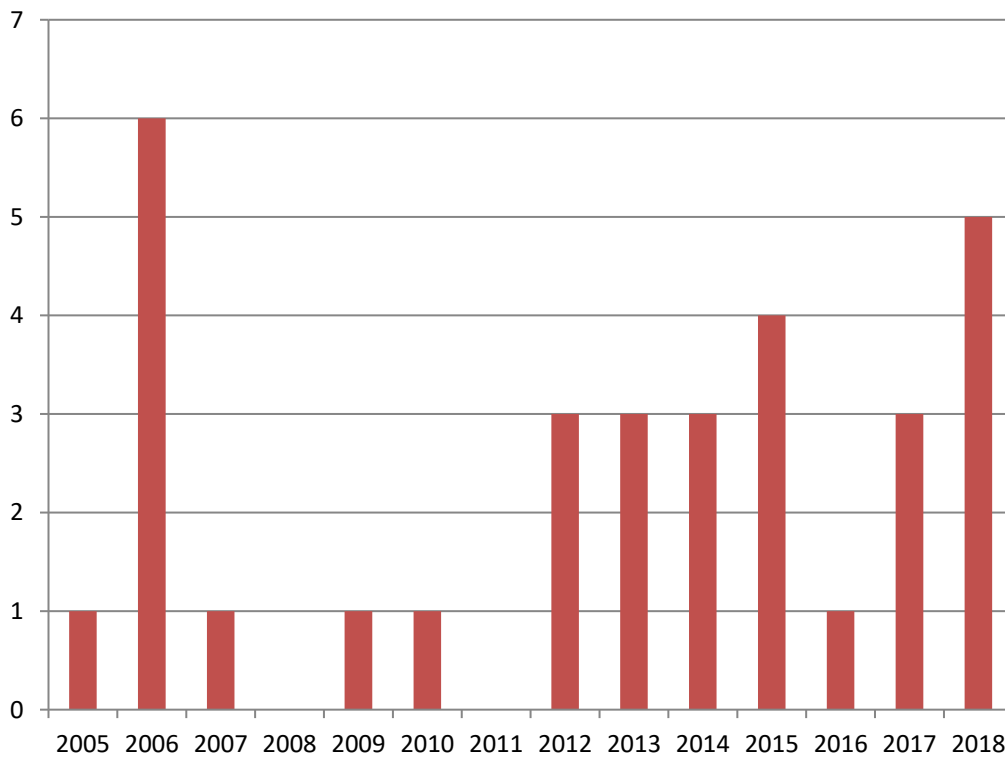
Gender

Currently there is 1 female candidate mining surveyor and 31 male candidate mining surveyor



Enrolment

The majority of financial candidate mining surveyors have only been recently enrolled, with 22 enrolments in the last 6 years.



Kurri Kurri Workshop

Only one third of the financial candidate mining surveyors have attended the Kurri Kurri Workshop.

