Census Wine Data 2021

By age, gender, state, education, occupational category, continent of birth and indigenous status.

Data source: ABS Census Data

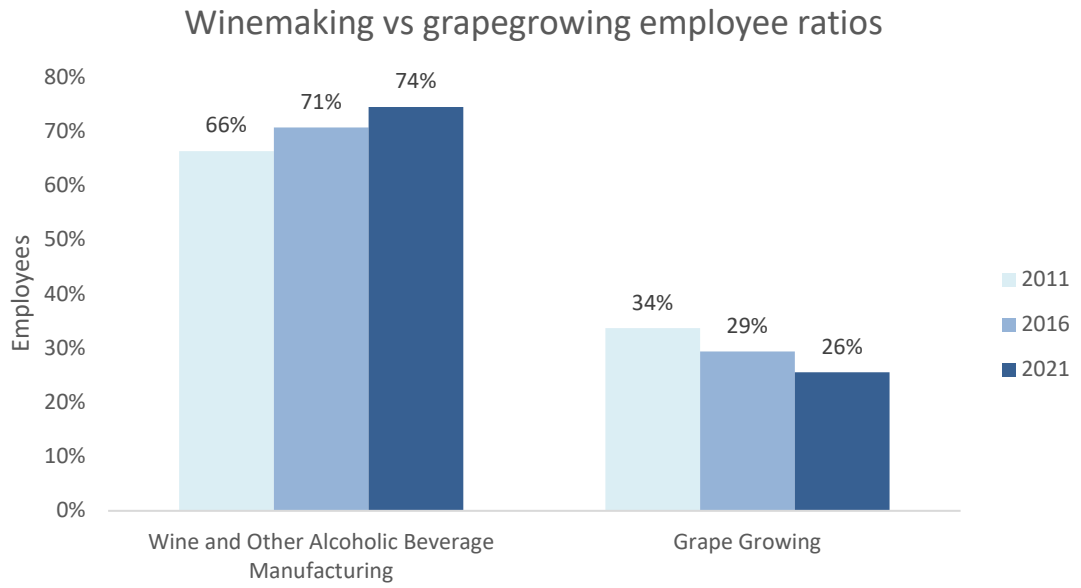
Overall

Total Employees

- Total employees for Winemaking and Grapegrowing in 2021 is approximately 20217.
- From 2011 – 2021, total employees in winemaking has increased by 5% whereas total employees in grapegrowing has decreased by 29%.

Industry	Sum of employees			
	Female	% Female	Male	% Male
Wine and Other Alcoholic Beverage Manufacturing				
2011	4992	35%	9395	65%
2016	4876	37%	8190	63%
2021	5750	38%	9304	62%
Grape Growing				
2011	1982	27%	5321	73%
2016	1311	24%	4118	76%
2021	1354	26%	3809	74%

- In 2021, winemaking account for 74% of employees in the wine sector, with grapegrowing accounting for 26%.



Total Employees by State

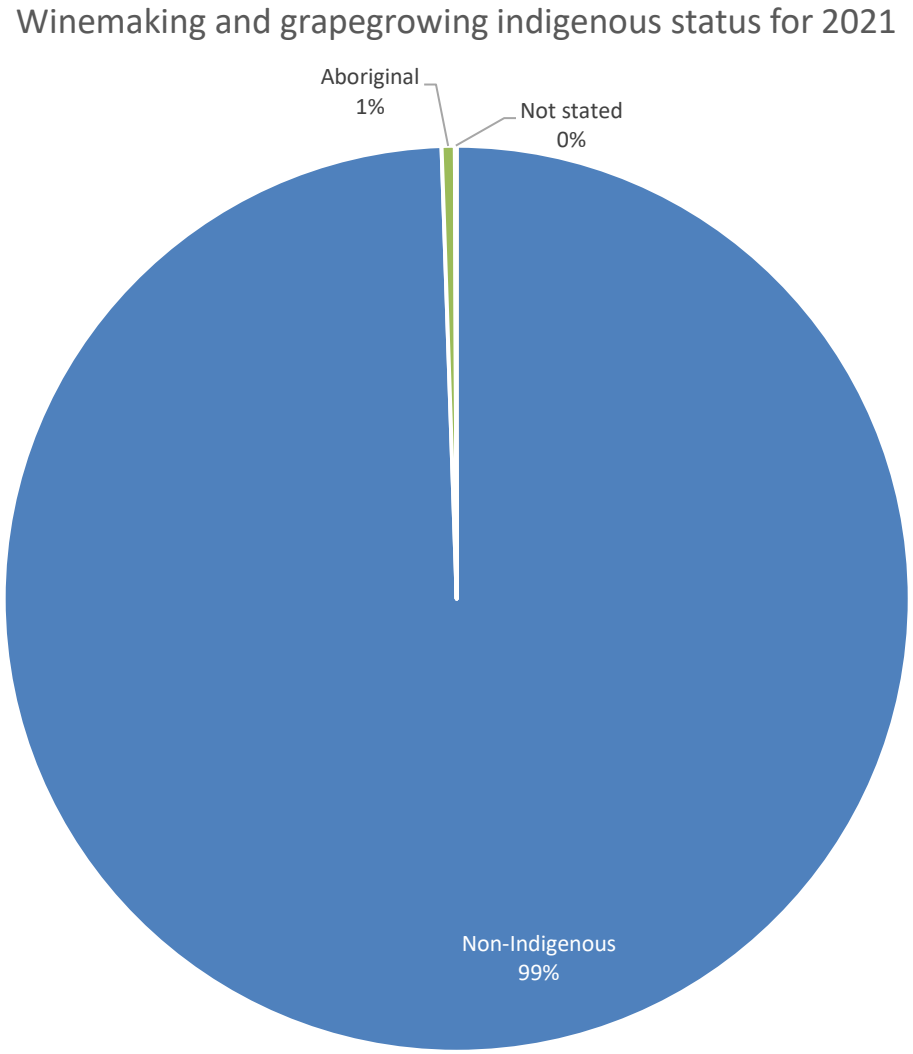
South Australia has the largest share of Grapegrowing and Winemaking employees. 97% of crush comes from South Australia, New South Wales and Victoria. In South Australia and New South Wales, share of crush exceed share of employees.

State	Share of Employees			Share of Crush
	Winemaking	Grapegrowing	Total	
South Australia	39%	41%	40%	52%
Victoria	25%	30%	26%	16%
New South Wales	19%	13%	18%	29%
Western Australia	9%	9%	9%	2%
Tasmania	4%	5%	4%	1%
Queensland	3%	2%	3%	0%
Australian Capital Territory	0%	0%	0%	0%
Northern Territory	0%	0%	0%	0%

Source: Wine Australia national vintage survey and ABS census data

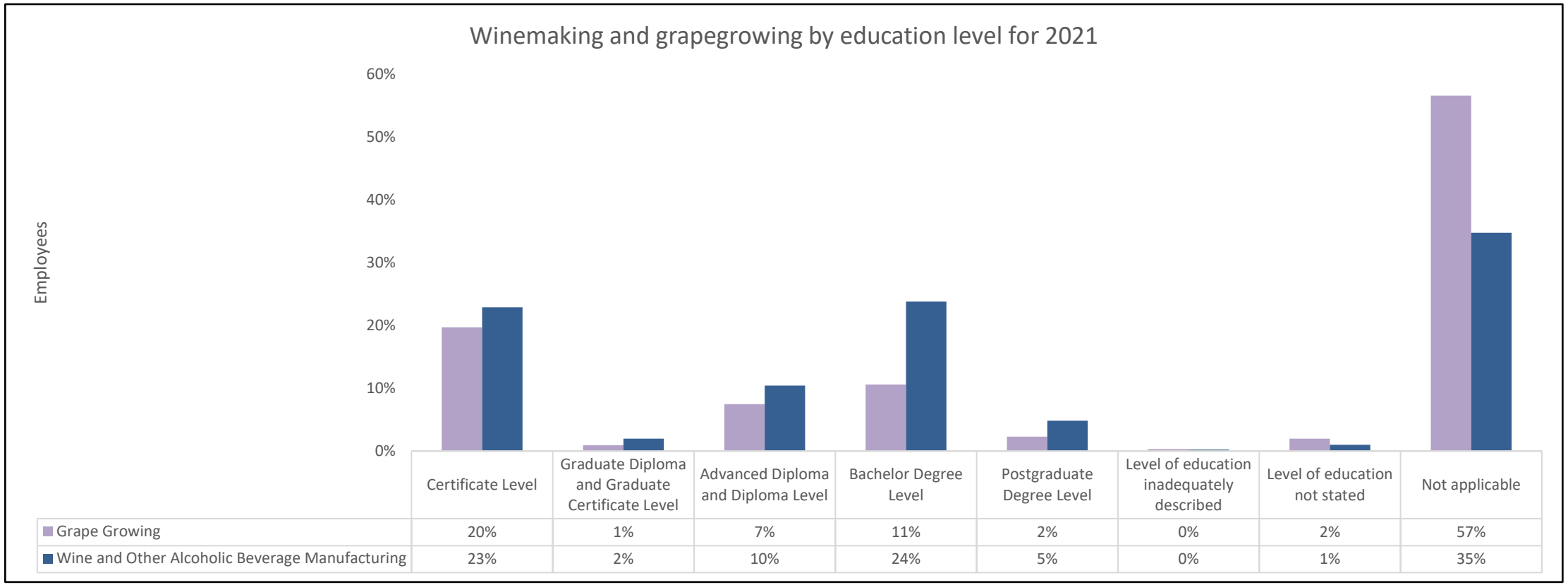
Indigenous Status

- 99% of employees are non-indigenous.



Education Level

- Majority of employees in winemaking have a bachelor degree (24%), whereas majority of employees in grapegrowing possess a certificate level (20%).

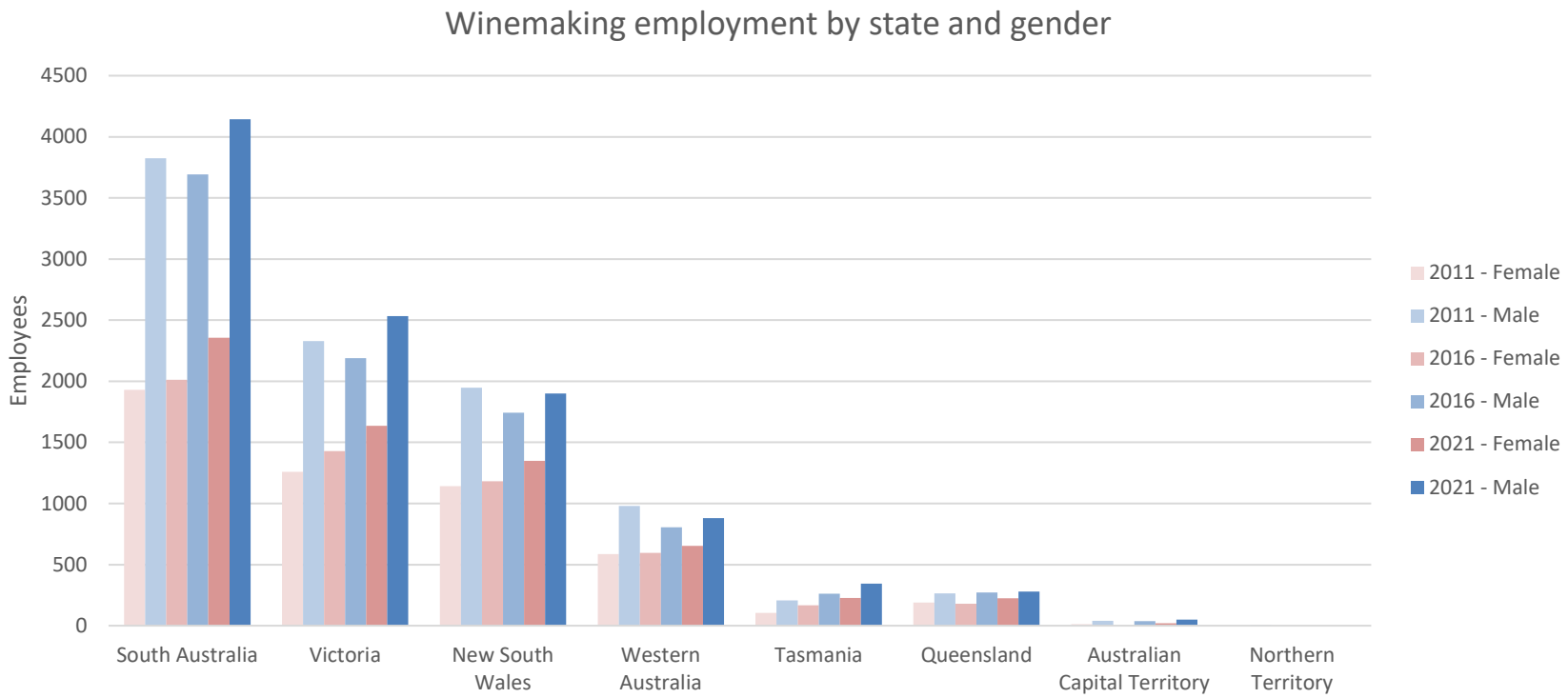


	Certificate Level	Graduate Diploma and Graduate Certificate Level	Advanced Diploma and Diploma Level	Bachelor Degree Level	Postgraduate Degree Level	Level of education inadequately described	Level of education not stated	Not applicable
Grape Growing	20%	1%	7%	11%	2%	0%	2%	57%
Wine and Other Alcoholic Beverage Manufacturing	23%	2%	10%	24%	5%	0%	1%	35%

Winemaking

Total Employees by State and Gender

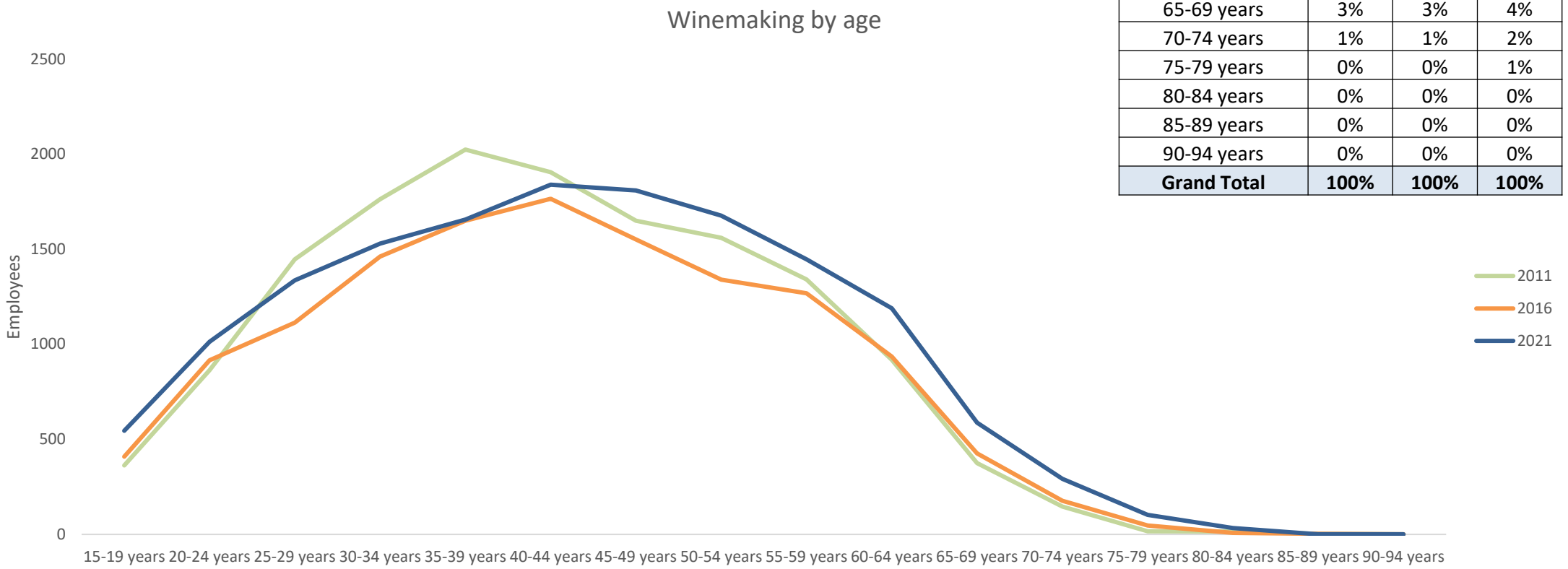
Queensland has the highest share of females with 45%, having increased by 18% since 2011. On the other hand, Tasmania's share of females has shown the highest growth at 115% from 2011 to 2021, bringing their share of females to 40%.



Age

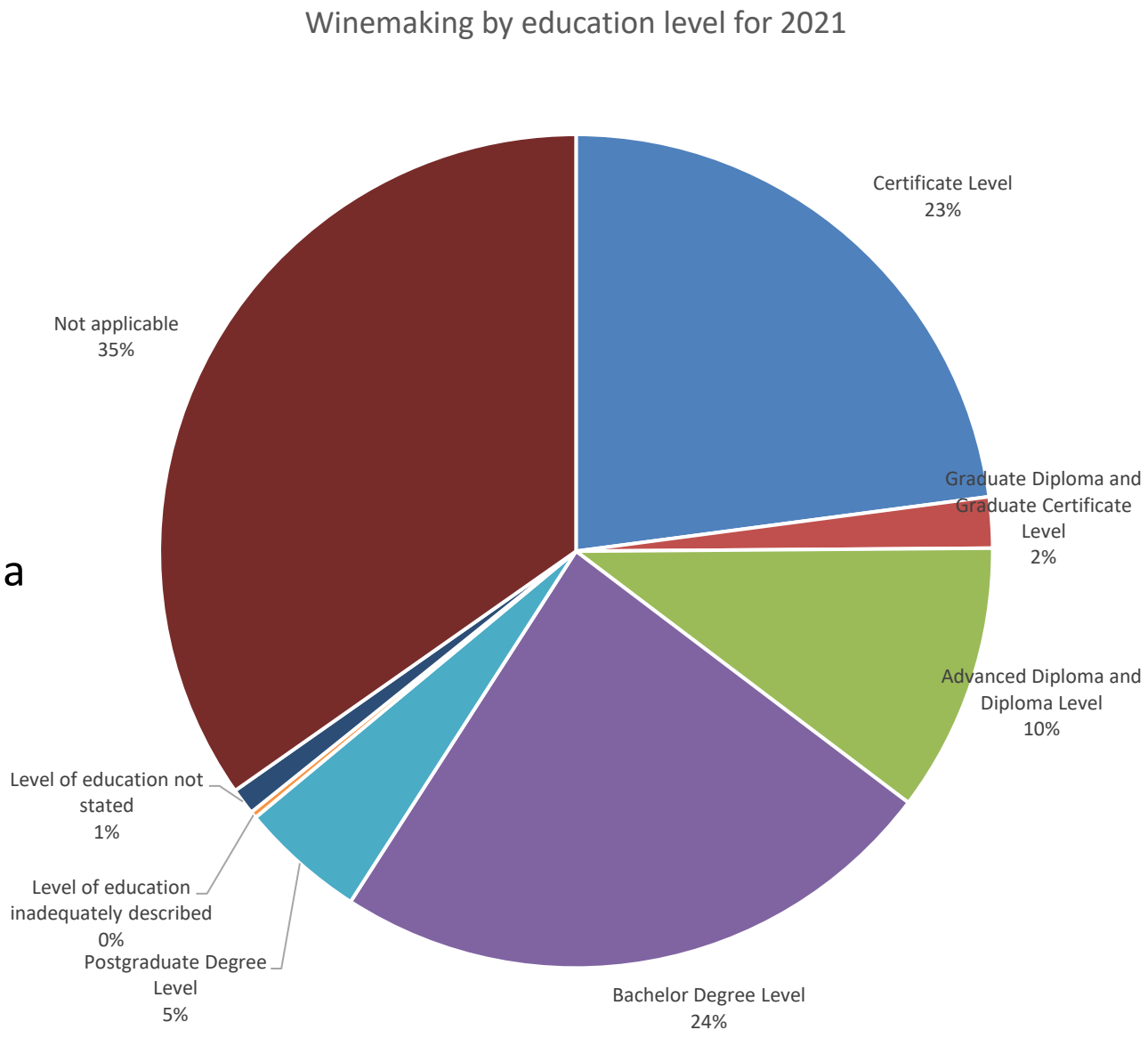
- The general age dispersion has remained stagnant from 2011 – 2021.
- However, slight movement can be observed in the age brackets from 2011 – 2021:
  - ❑ Employees aged 25 – 44 years have dropped by 1 - 3%
  - ❑ Employees aged 45 – 74 have increased by 1 - 2%

Age bracket	2011	2016	2021
15-19 years	3%	3%	4%
20-24 years	6%	7%	7%
25-29 years	10%	9%	9%
30-34 years	12%	11%	10%
35-39 years	14%	13%	11%
40-44 years	13%	14%	12%
45-49 years	11%	12%	12%
50-54 years	11%	10%	11%
55-59 years	9%	10%	10%
60-64 years	6%	7%	8%
65-69 years	3%	3%	4%
70-74 years	1%	1%	2%
75-79 years	0%	0%	1%
80-84 years	0%	0%	0%
85-89 years	0%	0%	0%
90-94 years	0%	0%	0%
Grand Total	**100%**	**100%**	**100%**



Education Level

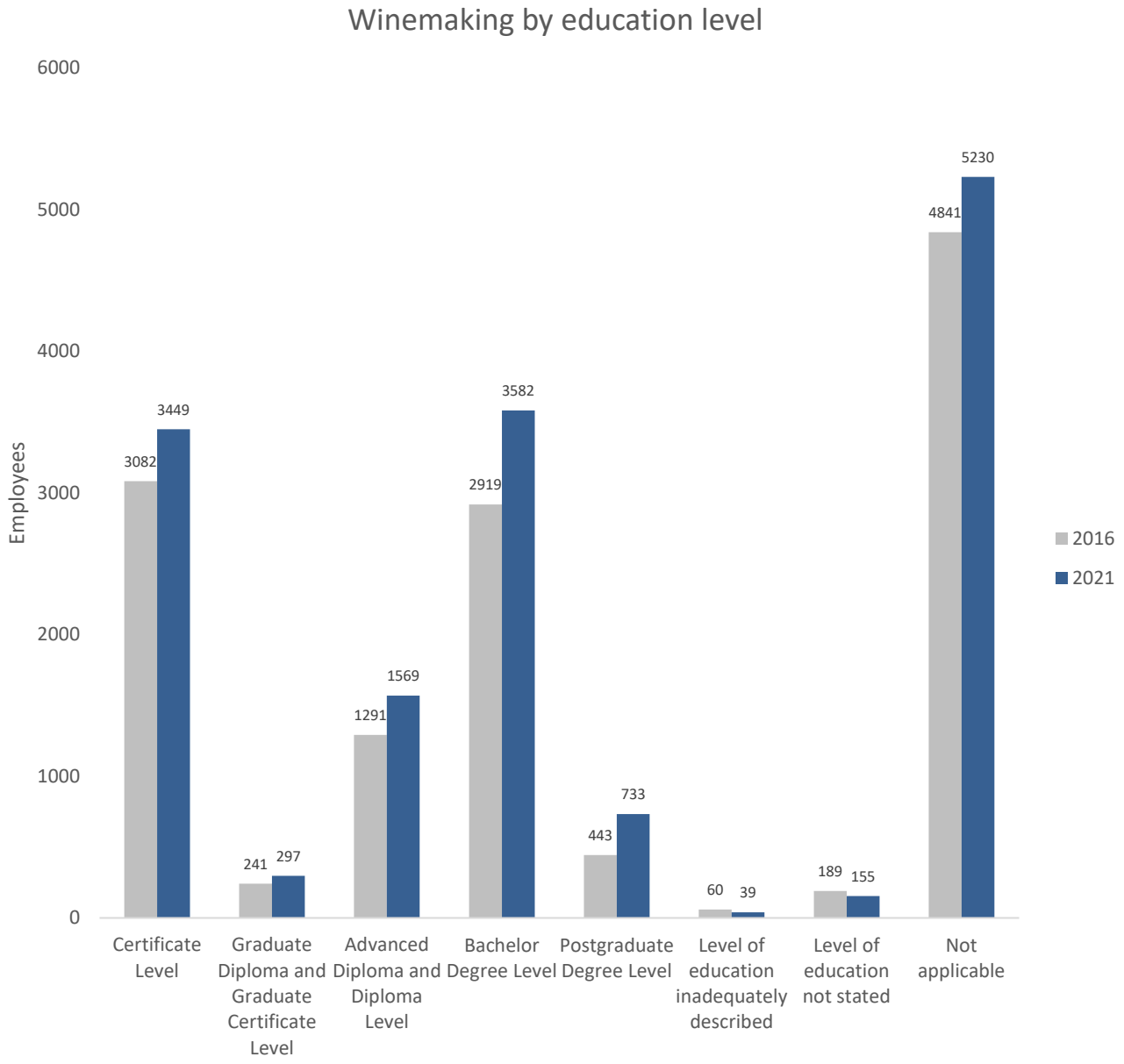
- 64% of employees in winemaking have either a degree, certificate or diploma.



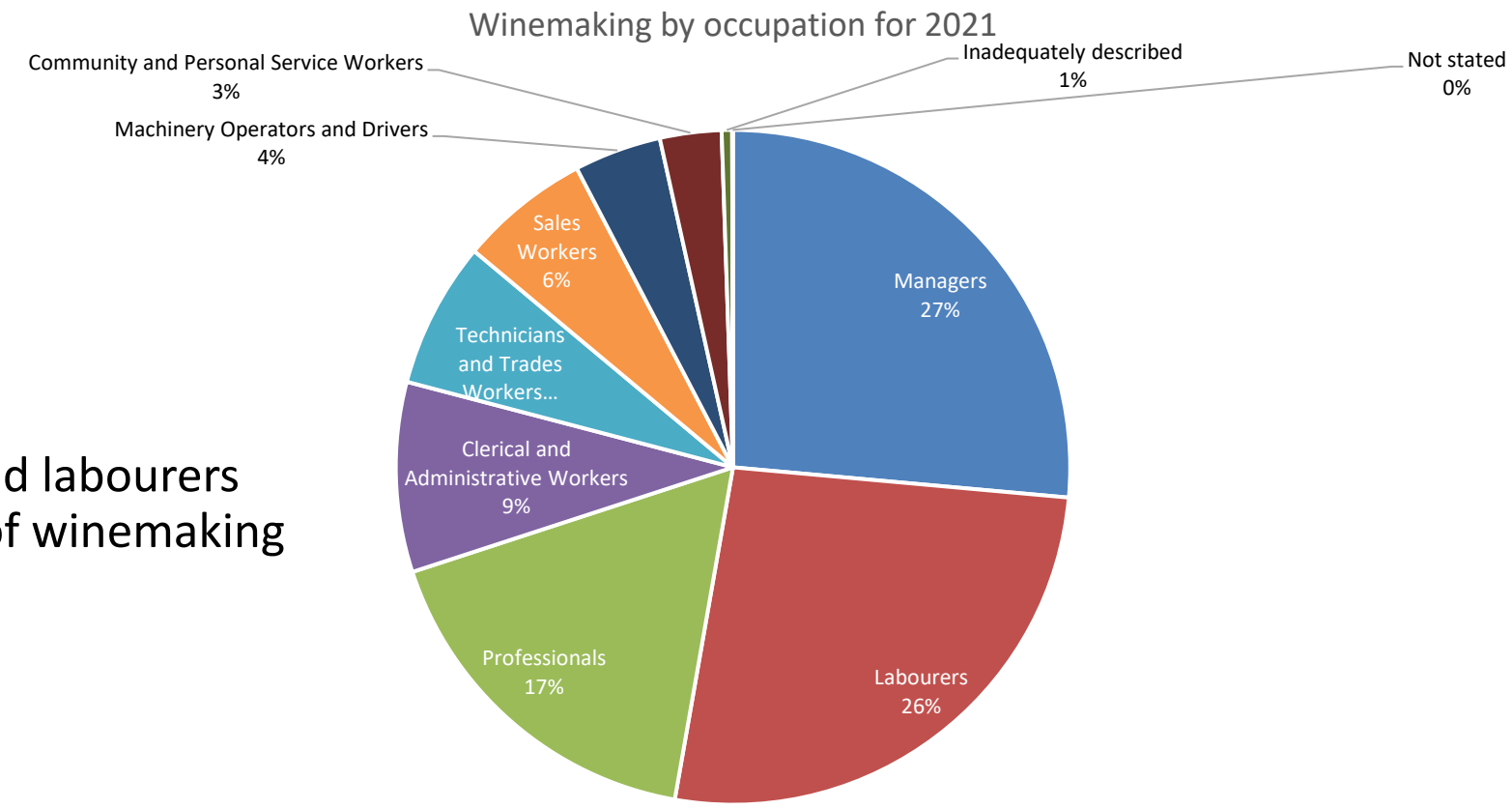
Education Level

- Percentage of employees who have attained an advanced diploma, bachelor or postgraduate have increased from 2016 - 2021.

Education Level	2016	2021	% Change
Certificate Level	3082	3449	12%
Graduate Diploma and Graduate Certificate Level	241	297	23%
Advanced Diploma and Diploma Level	1291	1569	22%
Bachelor Degree Level	2919	3582	23%
Postgraduate Degree Level	443	733	65%
Level of education inadequately described	60	39	-35%
Level of education not stated	189	155	-18%
Not applicable	4841	5230	8%
Grand Total	**13066**	**15054**	

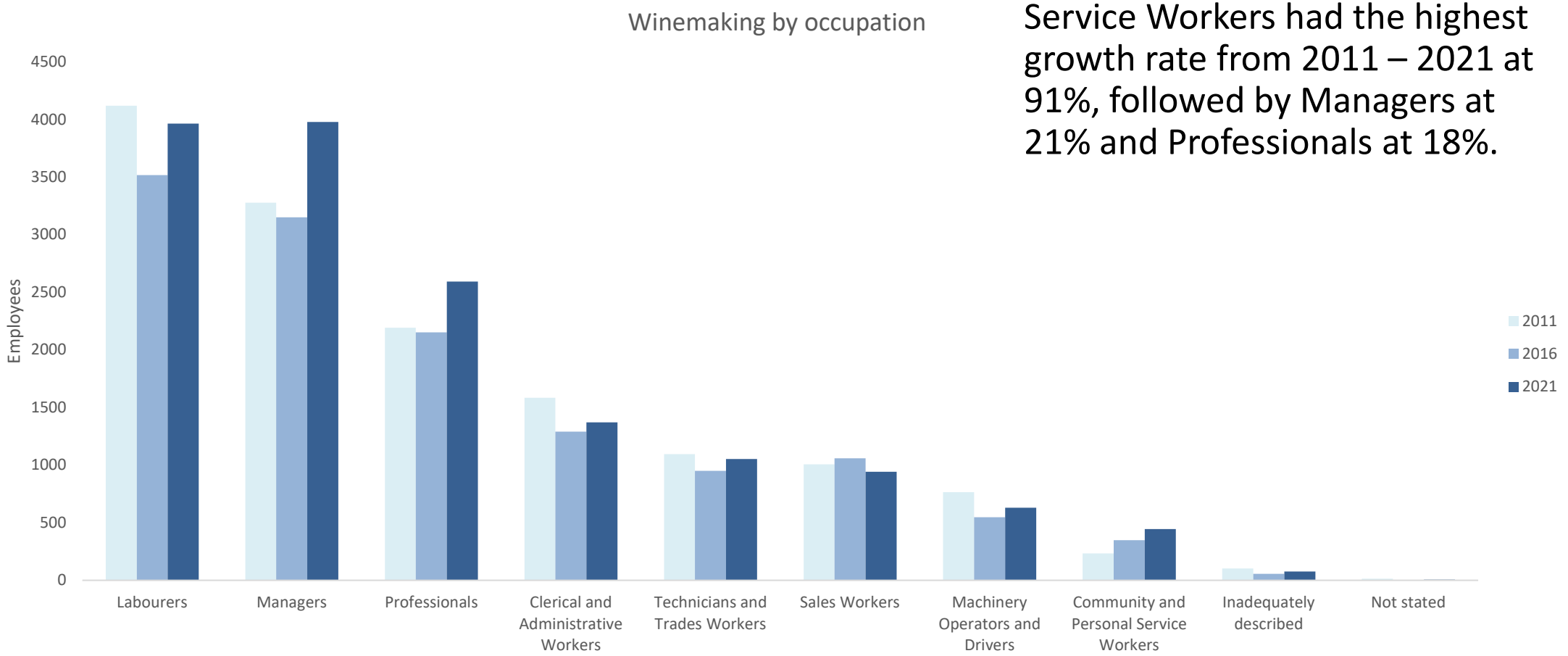


Occupational Category

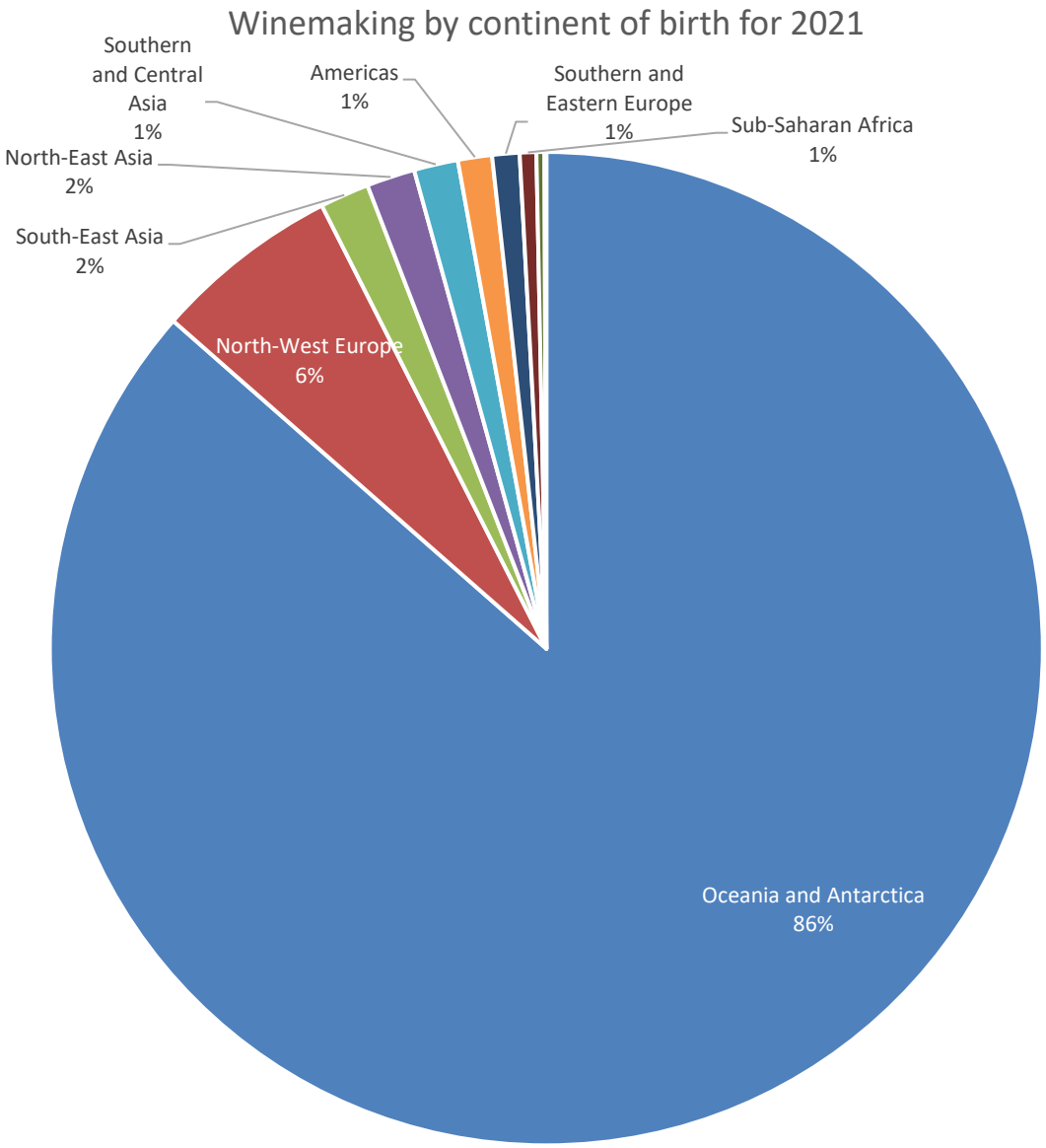


- Managers and labourers make up 53% of winemaking employees.

Occupational Category



- Community and Personal Service Workers had the highest growth rate from 2011 – 2021 at 91%, followed by Managers at 21% and Professionals at 18%.



Continent of Birth

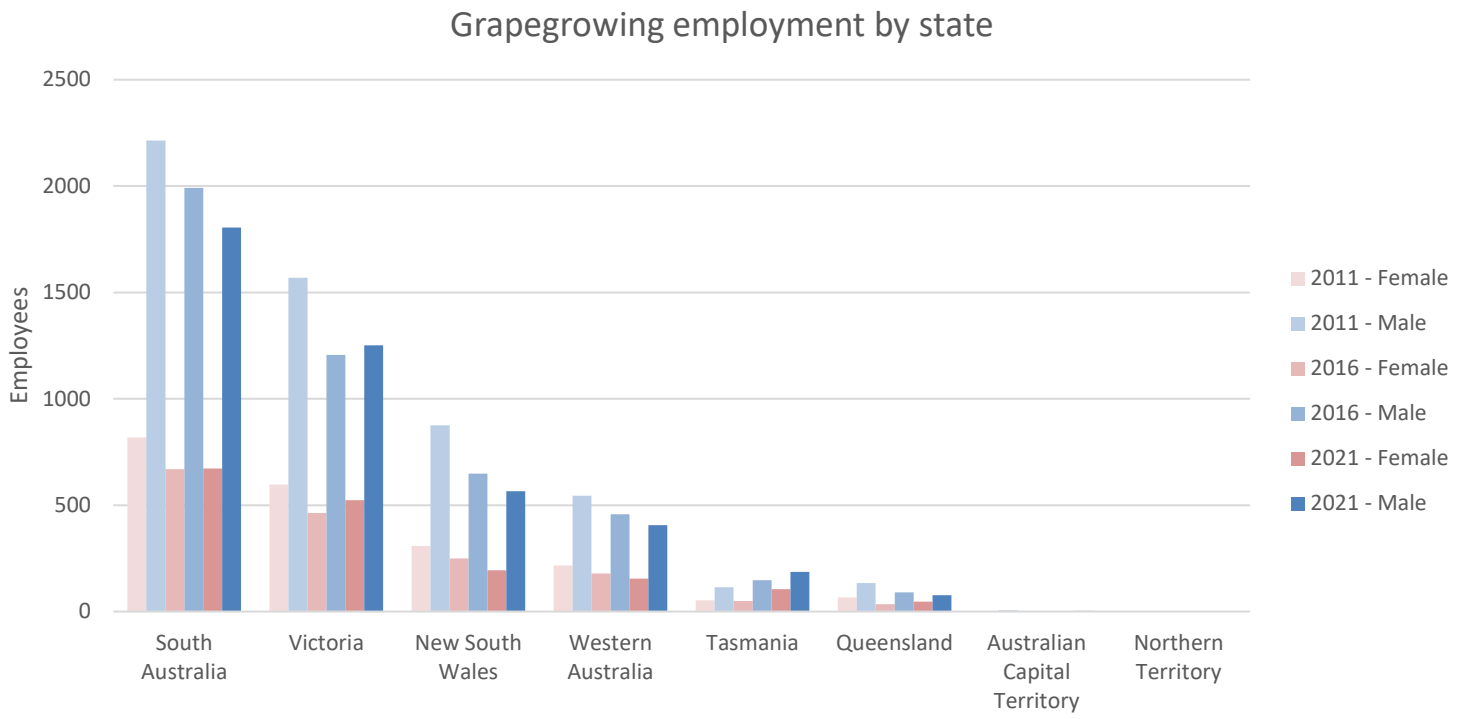
- In 2021, 86% of employees are from Oceania and Antarctica, followed by 6% from North-West Europe.
- The ratios of employees across continents remain largely static from 2011 – 2021.

Row Labels	2011	2016	2021	% Points Change (2011 – 2021)
Oceania and Antarctica	85%	89%	86%	1%
North-West Europe	8%	6%	6%	-2%
North-East Asia	1%	1%	2%	1%
South-East Asia	1%	1%	2%	1%
Southern and Central Asia	1%	1%	1%	0%
Southern and Eastern Europe	1%	1%	1%	0%
Americas	1%	1%	1%	0%
Not stated	1%	1%	0%	-1%
Sub-Saharan Africa	1%	0%	1%	0%
North Africa and the Middle East	0%	0%	0%	0%
Supplementary codes	0%	0%	0%	0%
Grand Total	**100%**	**100%**	**100%**	

Grapegrowing

Total Employees by State and Gender

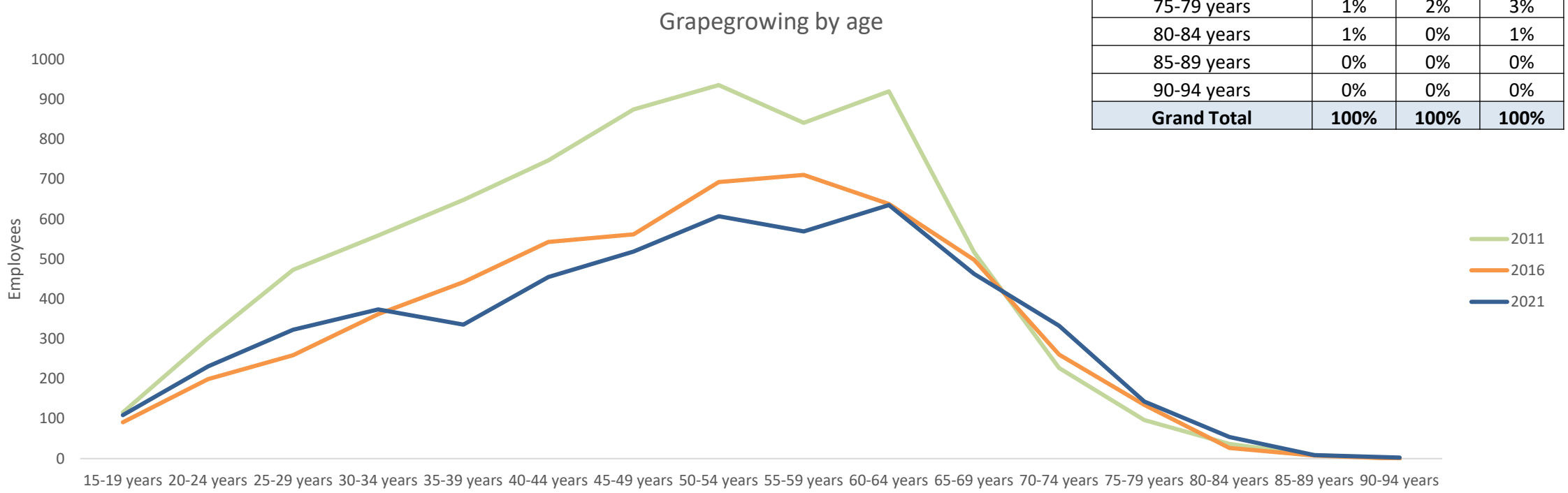
On average females make up 28%. Share of females is highest in Queensland in 2021 at 38%, followed by Tasmania at 36%. From 2011 to 2016, the only state where share of females is growing is Tasmania at 98%.



Age

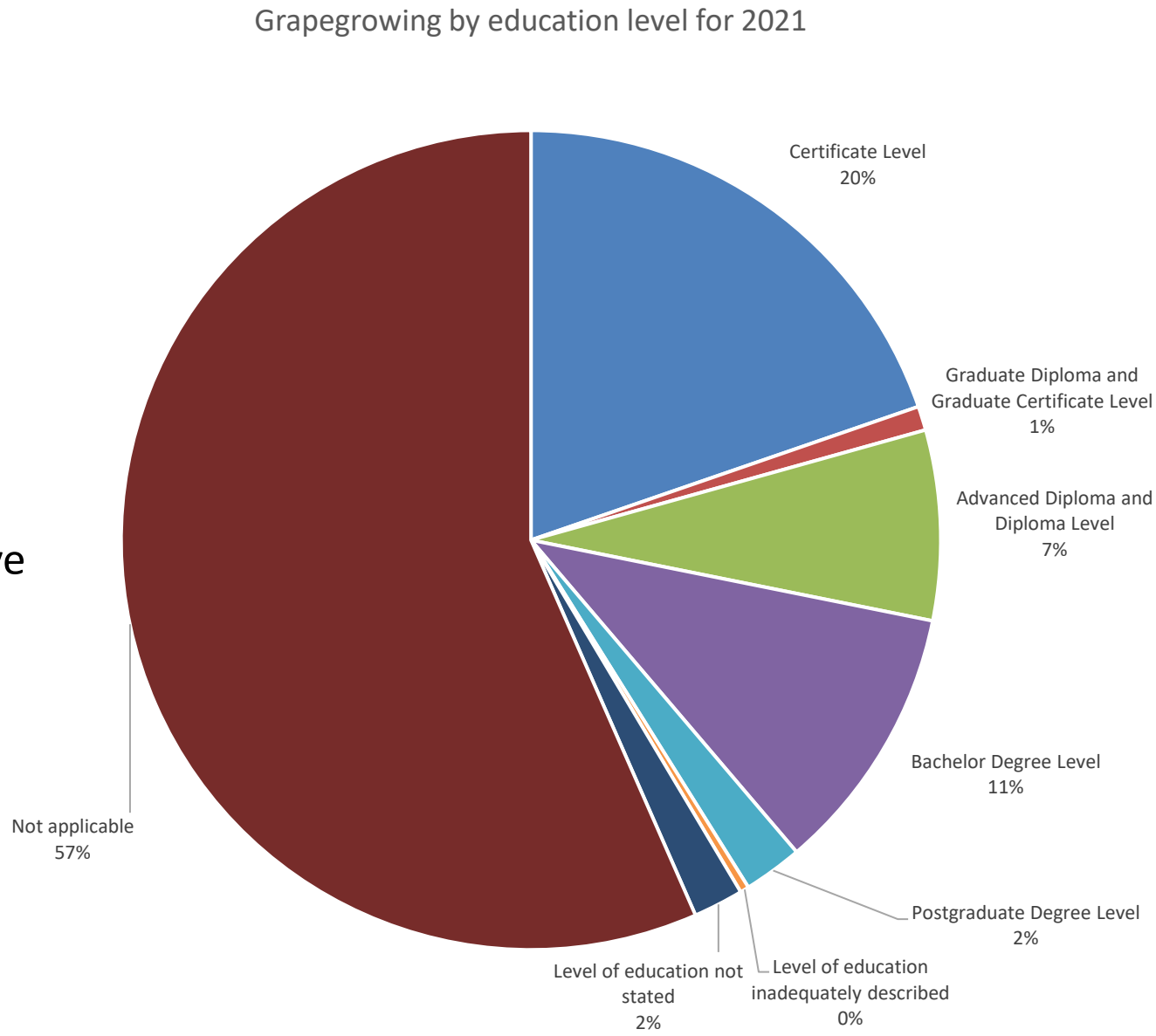
- The general age dispersion has remained stagnant from 2011 – 2021.
- However, slight movement can be observed in the age brackets from 2011 – 2021:
  - ❑ Employees aged 30 – 64 years have dropped by up to 2%
  - ❑ Employees aged 65 – 79 have increased by up to 3%

Age bracket	2011	2016	2021
15-19 years	2%	2%	2%
20-24 years	4%	4%	4%
25-29 years	6%	5%	6%
30-34 years	8%	7%	7%
35-39 years	9%	8%	7%
40-44 years	10%	10%	9%
45-49 years	12%	10%	10%
50-54 years	13%	13%	12%
55-59 years	12%	13%	11%
60-64 years	13%	12%	12%
65-69 years	7%	9%	9%
70-74 years	3%	5%	6%
75-79 years	1%	2%	3%
80-84 years	1%	0%	1%
85-89 years	0%	0%	0%
90-94 years	0%	0%	0%
Grand Total	**100%**	**100%**	**100%**



Education Level

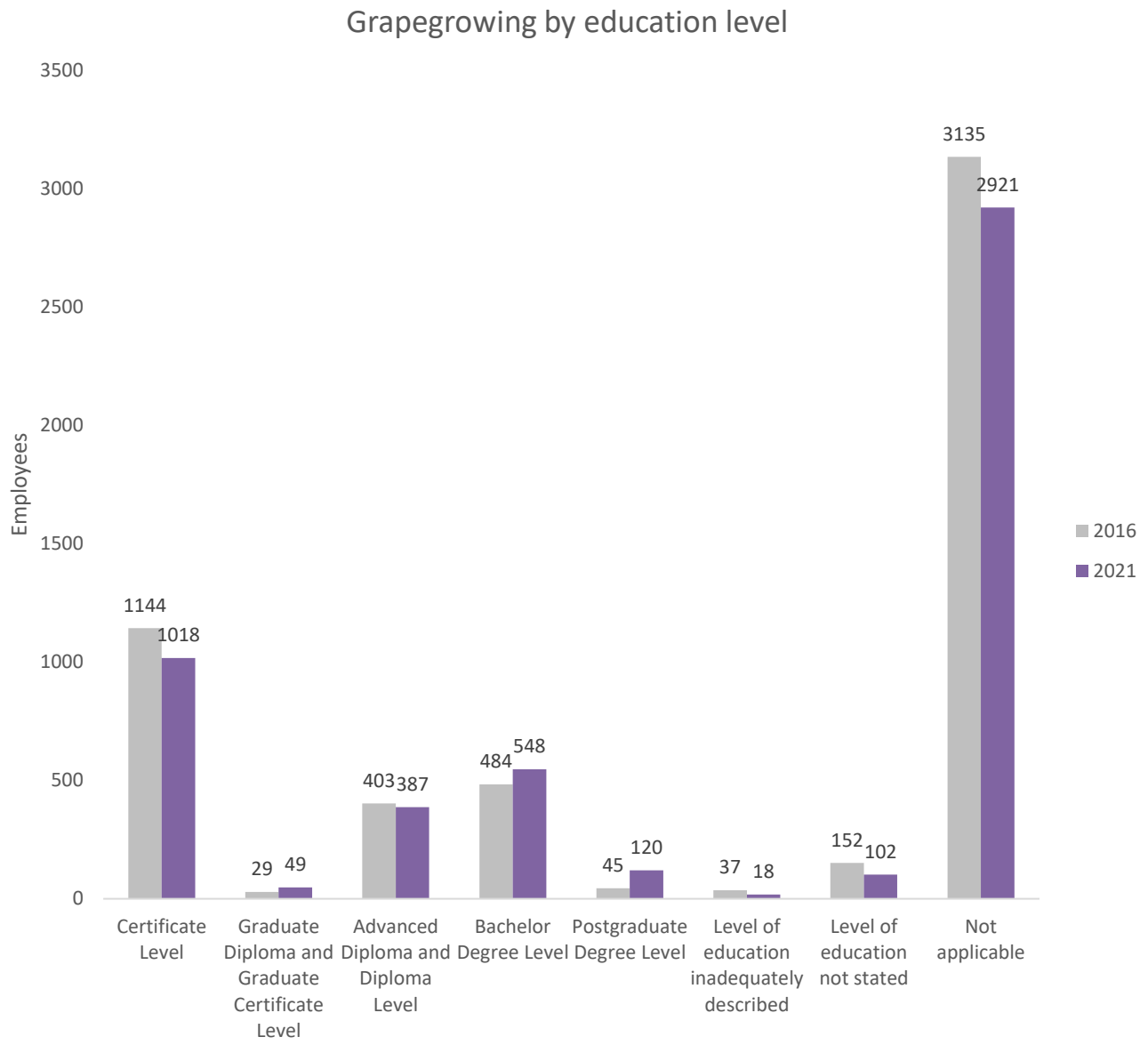
- 41% of employees in grapegrowing have either a degree, certificate or diploma.



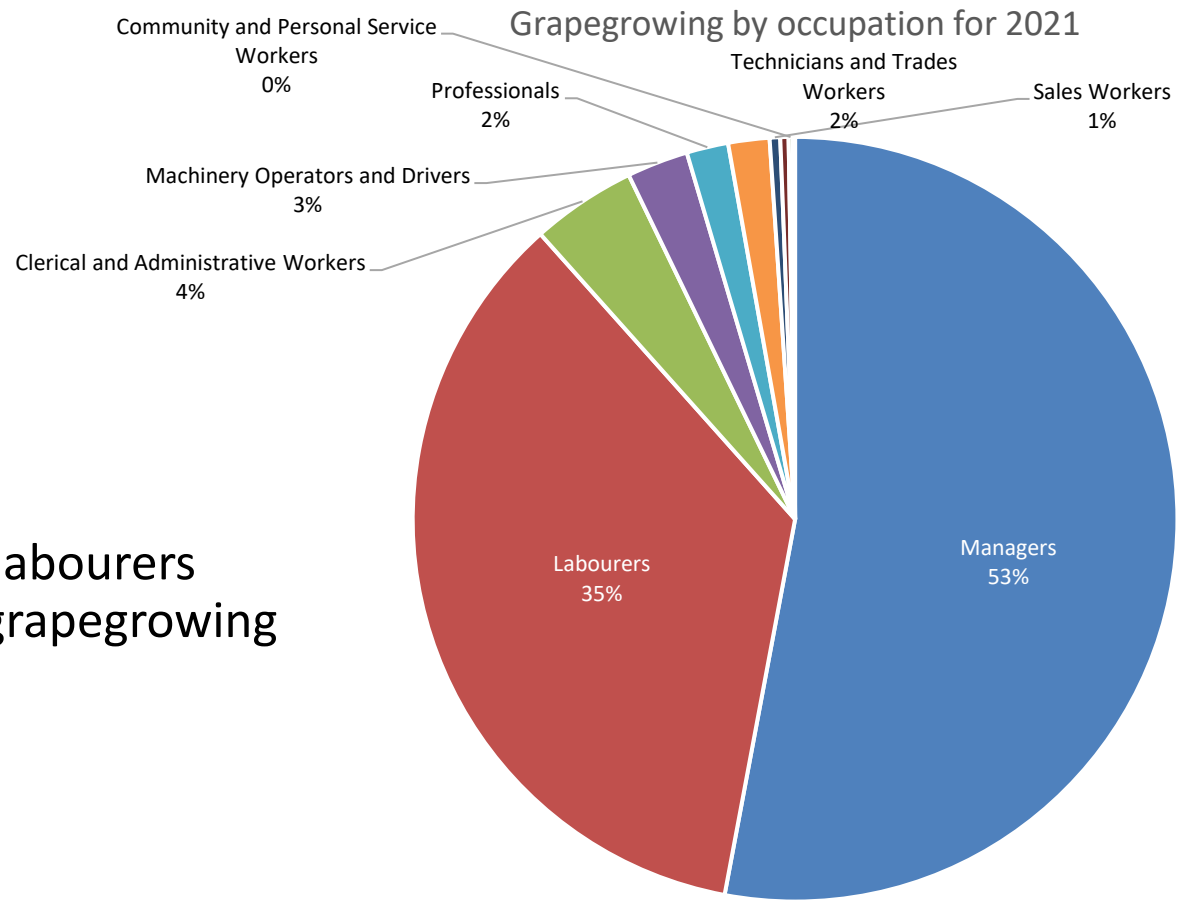
Education Level

- Percentage of employees who have attained a graduate diploma, bachelor or postgraduate have increased from 2016 - 2021.

Education Level	2016	2021	% Change
Certificate Level	1144	1018	-11%
Graduate Diploma and Graduate Certificate Level	29	49	69%
Advanced Diploma and Diploma Level	403	387	-4%
Bachelor Degree Level	484	548	13%
Postgraduate Degree Level	45	120	167%
Level of education inadequately described	37	18	-51%
Level of education not stated	152	102	-33%
Not applicable	3135	2921	-7%
Grand Total	**5429**	**5163**	



Occupational Category

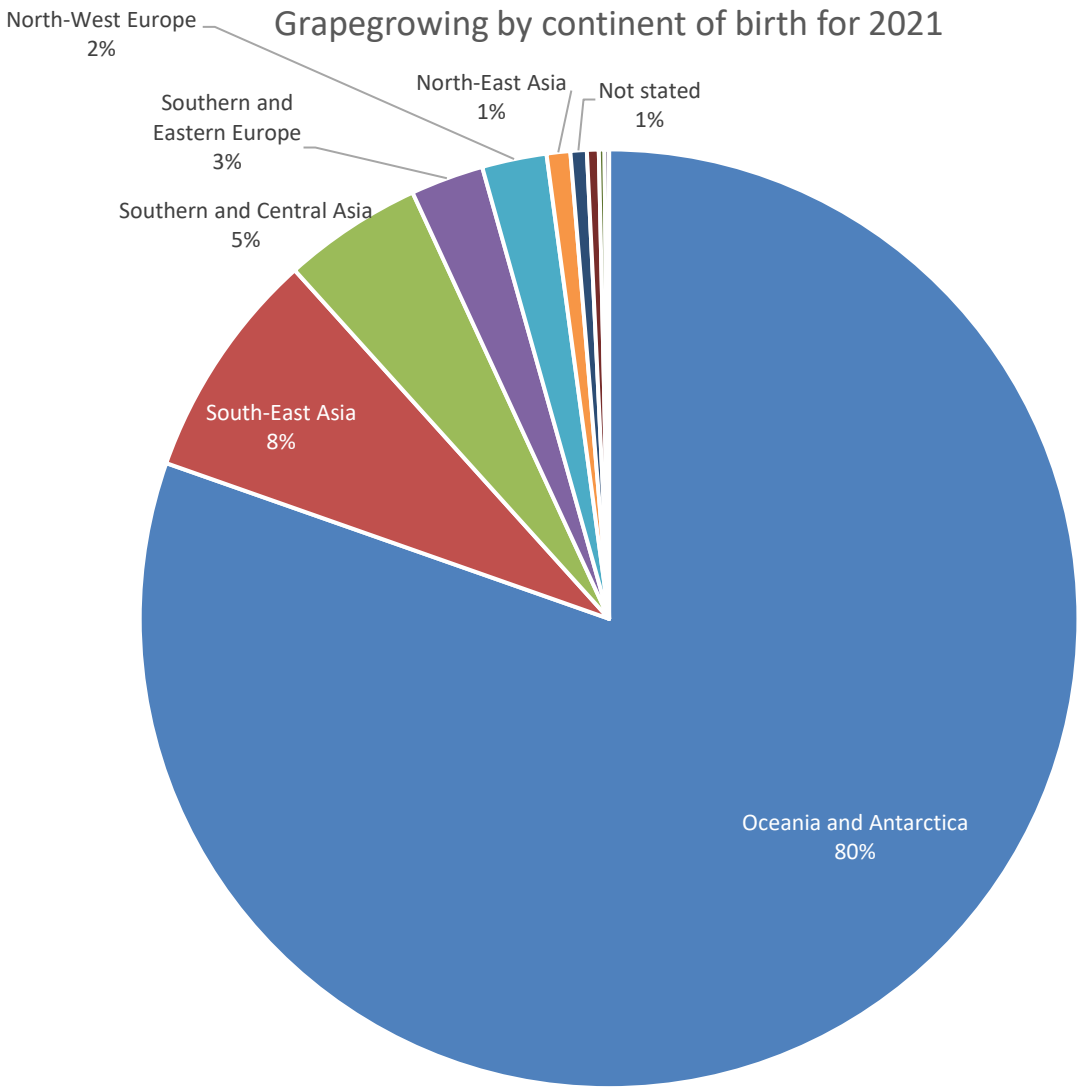


- Managers and labourers make up 88% of grapegrowing employees.

Occupational Category

- All occupational categories declined from 2011 – 2021. The highest decline came from Community and Personal Service Workers at 67%, followed by Sales Workers at 57% and Professionals at 48%.





Continent of Birth

- In 2021, 80% of employees are from Oceania and Antarctica, followed by 8% from South-East Asia.
- From 2011 – 2021, the ratio of Oceania and Antarctica employees decreased by 3%. In contrast, South-East Asia increased by 6%.

Continent	2011	2016	2021	% Points Change (2011 - 2021)
Oceania and Antarctica	83%	83%	80%	-3%
Southern and Eastern Europe	5%	4%	3%	-2%
South-East Asia	2%	2%	8%	6%
North-West Europe	4%	4%	2%	-2%
Southern and Central Asia	2%	3%	5%	3%
Not stated	1%	2%	1%	0%
North-East Asia	1%	1%	1%	0%
Sub-Saharan Africa	0%	0%	0%	0%
North Africa and the Middle East	0%	0%	0%	0%
Americas	0%	0%	0%	0%
Supplementary codes	0%	0%	0%	0%
Grand Total	**100%**	**100%**	**100%**	