

Potential new demand for post-school education opportunities

The below four tables identify potential new demand for participation in post-school education for those aged 17 to 20 years from four local government areas (Brighton, Clarence, Glenorchy and Hobart) surrounding the proposed new University of Tasmania STEM facility in the Hobart CBD.

The majority of 17 year olds were participating in secondary schooling (49.4 per cent) or technical or further education (22 per cent). 14 per cent were not participating in education at all. The proportion not participating in any form of education (not applicable) increases with age so that for 20 year olds, 46.5 per cent were not participating in education. The proportion participating in vocational education decreased with age and the proportion participating in university education increased with age.

Table 1. Participation in education type by age for the selected local government areas, Tasmania

	17 years		18 years		19 years		20 years	
	number	percentage	number	percentage	number	percentage	number	percentage
Secondary - Government	446	21.7	246	12.1	41	1.9	20	0.9
Secondary - Catholic	300	14.6	136	6.7	0	0.0	0	0.0
Secondary - Other Non Government	269	13.1	157	7.7	6	0.3	0	0.0
Technical or Further Educational Institution	536	26.0	371	18.2	282	13.2	212	9.2
University or other Tertiary Institution	21	1.0	268	13.2	630	29.5	826	35.9
Other	42	2.0	31	1.5	24	1.1	31	1.3
Not stated	158	7.7	127	6.2	108	5.1	143	6.2
Not applicable	288	14.0	699	34.3	1043	48.9	1069	46.5
Number	2060	100.0	2035	100.0	2134	100	2301	100

Source: ABS Census of Population and Housing (2011)

Table 2 shows the labour force status for those not participating in education by age. While the majority for each age were employed in some form; either full time, part time or away from work, a large proportion were also either unemployed and looking for work (17.9 per cent for 17 year olds, 15 per cent of 18 year olds, 12.9 per cent of 19 year olds and 11.5 per cent of 20 year olds) or not in the labour force at all (31.7 per cent for 17 year olds, 18.6 per cent of 18 year olds, 16.9 per cent of 19 year olds and 17.9 per cent of 20 year olds). *This cohort represents potential new demand for participation in post school education and training which will contribute to improved lifetime opportunity.*

Table 2. Labour force status by age for selected local government areas for those not participating in education

	17 years		18 years		19 years		20 years	
	number	percentage	number	percentage	number	percentage	number	percentage
Employed, worked full-time	76	26.2	239	34.2	372	35.7	448	42.3
Employed, worked part-time	53	18.3	187	26.8	307	29.5	255	24.1
Employed, away from work	10	3.4	30	4.3	40	3.8	36	3.4
Unemployed, looking for full-time work	49	16.9	83	11.9	119	11.4	96	9.1
Unemployed, looking for part-time work	3	1.0	22	3.1	16	1.5	25	2.4
Not in the labour force	92	31.7	130	18.6	176	16.9	190	17.9
Not stated	7	2.4	8	1.1	12	1.2	10	0.9
Not applicable	0	0.0	0	0.0	0	0.0	0	0.0
	290	100.0	699	100.0	1042	100.0	1060	100.0

Source: ABS Census of Population and Housing (2011)

Tables 3 and 4 break down the participation in education by type and the labour force status for those not participating education for each local government area surrounding the University of Tasmania. For each age, the proportion not participating in education at all increases as the distance from the University of Tasmania increases. For each age, the greatest proportion not participating in education is from the Brighton municipality, followed by Glenorchy and then Clarence. The opposite is true for those attending University or other tertiary institutions with Hobart having the highest proportion for each age followed by Clarence, Glenorchy and Brighton. Similar proportions participate in vocational education from Clarence, Brighton and Glenorchy.

Table 3. Participation in education type by age for Brighton, Clarence, Glenorchy and Hobart local government areas, Tasmania

	17 years				18 years				19 years				20 years			
	Glenorchy	Brighton	Clarence	Hobart	Glenorchy	Brighton	Clarence	Hobart	Glenorchy	Brighton	Clarence	Hobart	Glenorchy	Brighton	Clarence	Hobart
Secondary - Government	17.1	13.7	26.1	24.4	9.7	9.0	14.6	1.6	2.3	1.7	2.0	0.5	1.7	0.0	0.8	8.3
Secondary - Catholic	15.2	15.9	13.9	14.2	9.2	6.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
Secondary - Other Non Government	3.2	1.3	7.5	34.0	1.6	0.0	5.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9
Technical or Further Educational Institution	35.2	33.0	27.9	11.7	22.8	24.3	21.2	8.9	15.4	15.3	15.7	6.1	13.4	6.9	10.7	8.7
University or other Tertiary Institution	0.5	0.0	1.1	1.9	6.5	3.4	10.5	50.5	15.6	9.1	22.8	59.8	13.1	9.1	28.8	38.1
Other	0.8	3.1	2.9	1.9	2.4	3.4	1.0	0.7	1.2	1.7	1.4	1.3	1.8	2.3	0.7	1.1
Not stated	9.1	11.0	5.7	7.1	6.1	7.9	5.3	5.7	3.9	9.1	4.3	6.2	5.9	4.6	7.1	6.4

Not applicable	18.8	22.0	14.9	4.8	41.7	45.8	36.4	31.8	61.6	63.1	53.7	26.2	64.0	77.1	51.9	22.5
Number	591	227	663	579	619	177	590	752	571	176	635	940	595	175	591	2920

Source: ABS Census of Population and Housing (2011)

For those not participating in education while a large proportion is employed, this varies by local government area. Hobart has the highest proportion of employed for each age, followed by Clarence, Glenorchy and Brighton (excepting for 17 year olds where Clarence has a higher proportion employed than Hobart). For each age, the proportion not participating in education or the labour force at all increases as the distance from the University of Tasmania increases. For each age, the greatest proportion not participating in education nor the labour force is from the Brighton municipality, followed by Glenorchy and then Clarence. In Brighton 43.3 per cent of 17 to 20 year olds are not participating in education and are either unemployed and looking for work or not in the labour force at all. For Glenorchy it is 36.1 per cent, for Clarence it is 29.6 per cent and for Hobart, 24.0 per cent.

Table 4. Labour force status by age by Brighton, Clarence, Glenorchy and Hobart local government areas for those not participating in education

	17 years				18 years				19 years				20 years			
	Glenorchy	Brighton	Clarence	Hobart	Glenorchy	Brighton	Clarence	Hobart	Glenorchy	Brighton	Clarence	Hobart	Glenorchy	Brighton	Clarence	Hobart
Employed, worked full-time	23.9	22.0	29.3	31.3	35.0	34.6	38.3	26.4	35.3	32.1	36.2	37.2	41.1	40.4	46.2	40.2
Employed, worked part-time	21.1	8.0	20.2	18.8	22.7	14.8	23.8	45.1	26.2	18.8	30.6	37.7	22.3	16.9	24.8	29.9
Employed, away from work	0.0	6.0	7.1	0.0	3.8	7.4	4.2	3.5	4.6	6.3	2.6	3.3	2.7	2.2	3.3	5.3
Unemployed, looking for full-time work	17.4	16.0	16.2	18.8	16.2	12.3	11.7	4.2	11.1	17.0	12.9	7.1	9.8	7.4	7.6	10.7
Unemployed, looking for part-time work	0.0	0.0	3.0	0.0	3.1	4.9	3.3	2.1	2.0	0.0	1.8	1.3	3.7	4.4	0.0	2.0
Not in the labour force	34.9	48.0	20.2	31.3	17.3	22.2	18.7	18.8	19.9	25.9	15.0	10.9	20.4	26.5	15.8	11.9
Not stated	2.8	0.0	4.0	0.0	1.9	3.7	0.0	0.0	0.9	0.0	0.9	2.5	0.0	2.2	2.3	0.0
Not applicable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Number	109	50	99	32	260	81	214	144	351	112	340	239	377	136	303	244

Source: ABS Census of Population and Housing (2011)