

# Western Research Institute Charles Sturt University Economic Impact Report

## Dubbo

Economic impact modelling of Charles Sturt University (CSU) expenditure in Dubbo\* has estimated the following.

- Overall, CSU contributed 0.3% of gross regional product (GRP), 0.6% of household income and 0.5% of full-time equivalent (FTE) employment in the Dubbo region in 2016 when flow-on effects are taken into account.
- The main industry sectors impacted by CSU in terms of FTE employment were Healthcare and social assistance, Retail trade, and Accommodation and food services.

\* The information for this region has been modelled on the local government area.

**\$8.4**  
GRP

**107 FTE**  
EMPLOYMENT

**\$8.1M**  
INCOME

	GRP \$m	Employment FTE	Income \$m
Initial	2.2	68	5.3
Flow on	6.2	38	2.8
Total	8.4	107	8.1

Note: Data presented may not add up due to rounding.

## Campus operations

**\$7.2M**  
GRP

**98 FTE**  
EMPLOYMENT

**\$7.5M**  
INCOME

- Overall, the operations of the Dubbo campus contributed 0.2% of GRP, 0.5% of household income and 0.5% of FTE employment in the Dubbo region when flow-on effects are taken into account.
- The main industry sectors impacted by the operations of the Dubbo campus in terms of FTE employment were Healthcare and social assistance, Retail trade, and Accommodation and food services.

Detailed impacts of students on the Dubbo region are provided below.

	GRP \$m	Employment FTE	Income \$m
Initial	1.7	64	5.0
Flow on	5.5	34	2.5
Total	7.2	98	7.5

Note: Data presented may not add up due to rounding.

## Student impact

**\$0.9M**  
GRP

**6 FTE**  
EMPLOYMENT

**\$0.4M**  
INCOME

Of the 202 students studying internally at the Dubbo campus, 72 were classified as non-local to the Dubbo region.

- Overall, student impacts contributed 0.03% of GRP, 0.03% of household income and 0.03% of FTE employment in the Dubbo region when flow-on effects are taken into account.
- The main industry sectors impacted by student expenditure in terms of FTE employment were Retail trade, Healthcare and social assistance, and Arts and recreation services.

Detailed impacts of students on the Dubbo region are provided below.

	GRP \$m	Employment FTE	Income \$m
Initial	0.4	3	0.2
Flow on	0.5	3	0.2
Total	0.9	6	0.4

Note: Data presented may not add up due to rounding.

## Capital expenditure

\$0.4<sup>M</sup> GRP | 3 FTE EMPLOYMENT | \$0.2<sup>M</sup> INCOME

- Overall, capital expenditure by the Dubbo campus contributed 0.01% of GRP, 0.01% of household income and 0.01% of FTE employment in the Dubbo region when flow-on effects are taken into account.
- The main industry sectors impacted by capital expenditure in terms of FTE employment were Construction, Manufacturing, and Healthcare and social assistance.

Detailed impacts of capital expenditure by the Dubbo campus on the Dubbo region are provided below.

	GRP \$m	Employment FTE	Income \$m
Initial	0.1	1	0.0
Flow on	0.3	2	0.1
Total	0.4	3	0.2

Note: Data presented may not add up due to rounding.

## Additional expenditure

\$0.3<sup>M</sup> GRP | 2 FTE EMPLOYMENT | \$0.2<sup>M</sup> INCOME

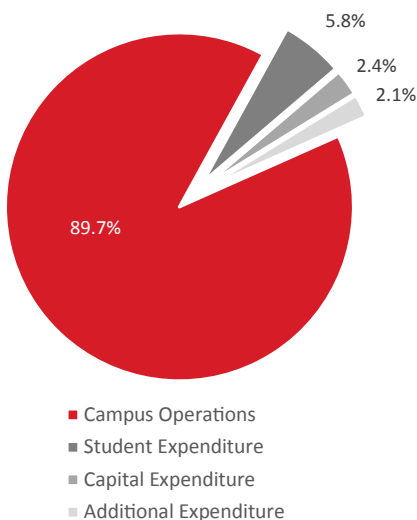
- Overall, the combined operational and capital expenditure of other CSU campuses in the Dubbo region contributed 0.01% of GRP, 0.01% of household income and 0.01% of FTE employment in the Dubbo region when flow-on effects are taken into account.
- The main industry sectors impacted by other campus operations in terms of FTE employment were Accommodation and food services, Manufacturing, and Education and training.

Detailed impacts of additional expenditure on the Dubbo region are provided below.

	GRP \$m	Employment FTE	Income \$m
Initial	0.1	1	0.1
Flow on	0.2	1	0.1
Total	0.3	2	0.2

Note: Data presented may not add up due to rounding.

## Dubbo in Focus



### Employment impacts

- Campus operations generated the largest contribution to FTE employment in the Dubbo Regional LGA at 89.7% of the overall employment impacts.
- Student expenditure, the second largest contributor to FTE employment, made up 5.8% of the overall FTE impact.

### Student impacts

- 283 students were enrolled at the Dubbo campus in 2016, of which 81 students studied by distance.
- 202 students studied internally at the Dubbo campus in 2016, of which 130 (64%) were local.
- The economic impact of expenditure by internal local students attending the Dubbo campus (expenditure which has not been included in the above economic impacts) has been estimated at \$1.7M in GRP, \$0.8M in household income and 12 FTE jobs in the Dubbo economy.