### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

Economic impact modelling enables the Hobart City to explore how changes in employment or output (sales) due to a new project, business or policy will impact on all other sectors of the economy. It does this by using an input-output model derived from the local economy microsimulation model by National Economics (NIEIR) to model the flow-on effects across different industries.

This provides the Hobart City with powerful evidence to advocate against industrial closures or strategically target new industry sectors which are likely to have the greatest positive economic impact.

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### Model input summary

**Project: Tassie Devils Club - Local Impact (Hobart City)** 

Operational phase - modelling the impact of:

- adding \$ 54.43 m sales in Sports and Recreation Activities

## Economic impact highlights

The economic impacts of Tassie Devils Club - Local Impact are summarised in the infographic below

#### **Operational Phase (per year)**



\$ 85.01 m



\$ 38.31 m

Value added



510

Local jobs

(\$ 54.43 m Direct + \$ 30.58 m Indirect) (\$ 22.31 m Direct + \$ 16.00 m Indirect) (313 Direct + 197 Indirect)

## Summary of impacts

#### **Operational phase**

Tassie Devils Club - Local Impact in the Hobart City is estimated to support 313 direct local jobs per annum on an ongoing basis. This would generate \$54.4m in direct output per year and \$22.3m in industry value added per year.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 197 indirect local jobs per year and generate \$16.0m in indirect industry value added per year off the back of \$30.6m in output.

The total estimated annual impact is 510 local jobs, \$85.0m in output and \$38.3m in value added.

#### Operational phase

Hobart City - Modelling the annual effect (Inflation adjusted) of:

- adding \$ 54.43 m sales in Sports and Recreation Activities

Economic measure	Output (\$m)	Value- added (\$m)	Local jobs	Residents jobs
Impacts on Hobart City economy			-	
Direct impact on selected sector(s)	54.43	22.31	313	77
Industrial impact	23.82	12.16	160	
Consumption impact	6.76	3.84	38	-
Total impact on Hobart City economy	85.01	38.31	510	208
Multipliers		733	. 4	-
Type 1 multiplier (direct and industrial)	1,44	1.54	1.51	
Type 2 multiplier (direct, industrial and consumption)	1.56	1.72	1,63	-
Impact on Tasmania economy	-	155	190	5
Total impact - Tasmania outside Hobart City	9.64	5.18	55	371
Total impact Tasmania economy	94.66	43.50	566	579
Impact on Australian economy	H	179	-	-
Total impact outside Tasmania economy	62.61	29.27	204	206
Total impact on Australian economy	157.27	72.77	769	784

Source: National Institute of Economic and Industry Research (WEIR) 02025. Compiled and presented in economy of by Jid (Informed decisions). Note: All 5 values are sepressed in 2022/23 base year dollar ferms.

## Impacts on local jobs

#### **Operational phase**

Tassie Devils Club - Local Impact in the Hobart City is estimated to support 313 direct local jobs per annum on an ongoing basis.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 197 indirect local jobs per annum during the operational phase.

The total estimated impact is 510 local jobs per annum.

The table and charts below show a detailed breakdown of how employment will be affected by industry during the operational phase.

#### Employment by industry sector - Operational Phase

Hobart City - modeling the impact on local jobs, of:

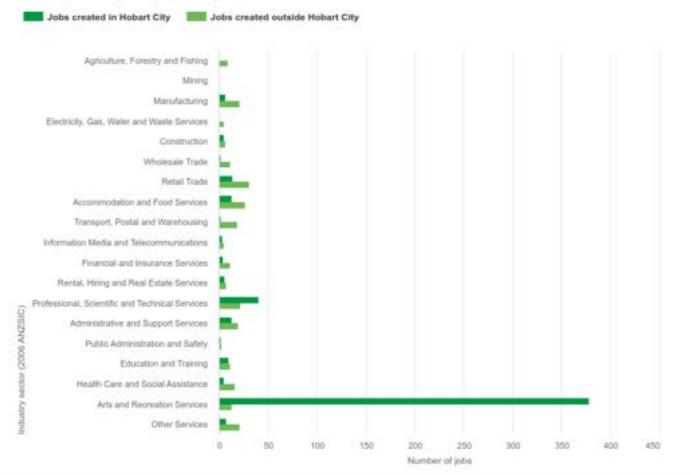
- adding \$ 54.43 m sales in Sports and Recreation Activities

Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City	Jobs created outside of the Hobart City	Jobs created for the Hobart City residents
Agriculture, Forestry and Fishing	463	0.4	8.7	0.3
Mining	347	0.1	0.9	0.1
Manufacturing	1,008	6.2	21,4	3.4
Electricity, Gas., Water and Waste Services	1,498	1.0	4.9	0.4
Construction	2,967	4.5	6.7	1.4
Wholesale Trade	457	2.0	11.1	0.7
Retail Trade	4,524	13.7	30.7	6.2
Accommodation and Food Services	5,525	13.0	26.7	7.5
Transport, Postal and Warehousing	658	1.5	18.4	0.6
Information Media and Telecommunications	1,512	3.3	4.8	1.1
Financial and Insurance Services	2,437	4.3	11.1	1.2
Rental, Hiring and Real Estate Services	1,009	5.6.	7.4	2.5
Professional, Scientific and Technical Services	6,980	40.1	22.2	18.9
Administrative and Support Services	1,503	12.8	19.4	4.0
Public Administration and Safety	10,802	2.0	2.8	0.5
Education and Training	7,326	9.6	11.3	6.4
Health Care and Social Assistance	14,863	4.6	16.5	2.0
Arts and Recreation Services	1,354	378.2	13.2	148.4
Other Services	2,259	7.1	21.1	2.2
Total industries	67,492		259	208

Source: National Institute of Economic and Industry Research (NEIR) (12025. Compiled and presented in economy)d by .id (informed decisions).

#### Employment by industry sector - Operational Phase

Hobart City - modeling the impact on local jobs, of:



Source: National Institute of Economic and Industry Research (NIEIR) 62025. Compiled and presented in economy id by .xd (informed decisions).

## Impacts on value added

#### **Operational phase**

Tassie Devils Club - Local Impact in the Hobart City is estimated to generate \$22.3m direct value added per annum on an ongoing basis during the operational phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$16.0m in value-added per annum on an ongoing basis during the operational phase.

The total estimated impact is \$38.3m in value-added per annum during the operational phase of the project.

This table and charts below show a detailed breakdown of value added by industry during the operational phase ofthe project.

#### Value added by industry sector - Operational Phase

Hobart City - modeling the impact on value added, of:

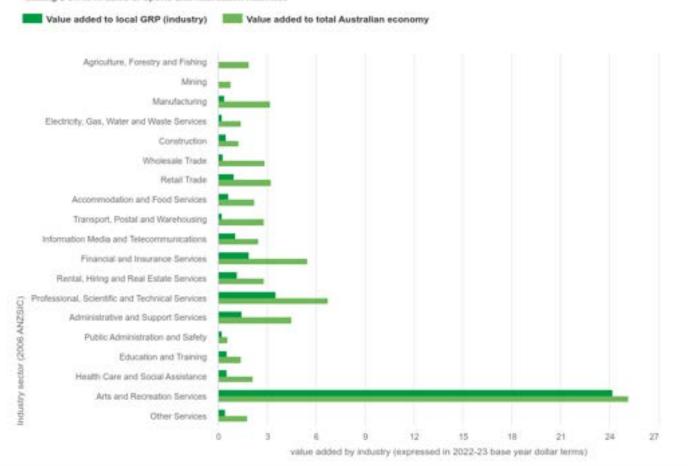
- adding \$ 54.43 m sales in Sports and Recreation Activities

Industry sector (1-digit ANSIC)	Value Added Sm	Value added \$m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$100.3	\$0.04	+0.02	\$1.90
Mining	\$52.3	\$0.02	+0.04	50.77
Manufacturing	\$73.0	\$0.40	+0.55	\$3.19
Electricity, Gas, Water and Waste Services.	\$350.9	\$0.22	+0.06	\$1.42
Construction	\$292.3	\$0.47	+0.16	\$1.24
Wholesale Trade	\$61.7	\$0.27	+0.44	\$2.64
Retail Trade	\$323.2	\$0.95	+0.30	\$3.26
Accommodation and Food Services	\$290.2	\$0.63	+0.22	\$2.21
Transport, Postal and Warehousing	\$110.0	\$0.22	+0.20	\$2.82
Information Media and Telecommunications	\$495.1	\$1.00	+0.22	\$2.45
Financial and Insurance Services	\$923.8	\$1.91	+0.21	\$5.50
Rental, Hiring and Real Estate Services	\$212.3	\$1,14	+0.54	\$2.80
Professional, Scientific and Technical Services	\$600.0	\$3.52	+0.59	\$6.75
Administrative and Support Services	\$193.0	\$1.45	+0.75	\$4.51
Public Administration and Safety	\$1,466.4	\$0.26	+0.02	\$0.60
Education and Training	\$780.9	\$0.53	+0.07	51.42
Health Care and Social Assistance	\$1,830.4	\$0.56	+0.03	\$2.12
Arts and Recreation Services	\$128.3	\$24.20	+18.86	\$25.15
Other Services	\$130.8	\$0.43	+0.33	\$1.81
Total industries	\$6,502.9	\$38.31	+0.45	\$72.75

Source: National Institute of Economic and Industry Research (NEIR) 02025. Compiled and presented in economy id by .ld (informed decisions), Nate: All \$ values are expressed in 2022/23 base year dollar terms.

#### Value added by industry sector - Operational Phase

Hobart City - modeling the impact on value added, of: - adding \$ 54.43 m sales in Sports and Recreation Activities



Source: National Institute of Economic and Industry Research (NEIR) 92025. Compiled and presented in economy id by .st (Informed decisions).

### Impacts on output

#### **Operational phase**

Tassie Devils Club - Local Impact in the Hobart City is estimated to generate \$54.4m direct output per annum on an ongoing basis during the operational phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$30.6m in output per annum on an ongoing basis during the operational phase.

The total estimated impact is \$85.0m in output per annum during the operational phase of the project.

## Impacts on resident employment

#### **Operational phase**

The total direct, industrial and consumption effects of the operational phase of the Tassie Devils Club - Local Impact in the Hobart City is estimated to support 510 jobs located in the Hobart City.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City's residents. It is estimated that of the 510 jobs created, 208 or 40.8% would be expected to be filled by the Hobart City's residents.

### Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the Tassie Devils Club - Local Impact is directly equivalent to the change in value added outlined in the section above.

#### **Operational phase**

GRP in the Hobart City is estimated to increase by \$38.3m per annum during the operational phase of the project.

The effect on the Australian economy (including the Hobart City) is estimated to be a growth in Gross Domestic Product (GDP) of \$72.8m per annum during the operational phase of the project.

### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

Economic impact modelling enables the Hobart City to explore how changes in employment or output (sales) due to a new project, business or policy will impact on all other sectors of the economy. It does this by using an input-output model derived from the local economy microsimulation model by National Economics (NIEIR) to model the flow-on effects across different industries.

This provides the Hobart City with powerful evidence to advocate against industrial closures or strategically target new industry sectors which are likely to have the greatest positive economic impact.

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### Model input summary

**Project: Hotels construction - economy (Hobart City)** 

**Construction phase - modelling the impact of:** 

- adding \$ 21.50 m in Construction over a 2 years period.

## Economic impact highlights

The economic impacts of Hotels construction - economy are summarised in the infographic below

#### **Construction Phase (over a 2 year period)**



\$ 39.18 m

Output



\$ 12.29 m

Value added



**58** 

Local jobs (per year)

(\$ 21.50 m direct + \$ 17.68 m Indirect) (\$ 5.29 m Direct + \$ 7.00 m Indirect) (25 Direct + 33 Indirect)

## Summary of impacts

#### **Construction phase**

Hotels construction - economy in the Hobart City is estimated to inject \$21.5m of direct output into the local economy over 2 years. This would lead to an uplift of \$5.3m in direct value added and support 25 direct local jobs per annum during the construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to generate an additional \$17.7m in output, \$7.0m in value-added and support another 33 indirect local jobs per year during the construction phase of the project.

The total estimated construction phase local impact is \$39.2m in output, \$12.3m in value-added, and 58 local jobs per annum over 2 years.

#### Construction phase (2 year period)

Hobart City - Modelling the impact of: - adding \$21.5m in Construction

Economic measure	Output (\$m)	Value- added (\$m)	Local Jobs (annual)	Residents jobs (annual)
Impacts on Hobart City economy	2			
Direct impact on selected sector(s)	21.50	5.29	25	
Industrial impact	16.62	6.40	30	
Consumption impact	1,07	0.60	3	77
Total Impact on Hobart City economy	39.18	12.29	58	19
Multipliers	-	100	-	-
Type 1 multiplier (direct and industrial)	1.77	2.21	2.18	
Type 2 multiplier (direct, industrial and consumption)	1.82	2.32	2.30	-
Impact on Tasmania economy				
Total impact - Tanmania outside Hobart City	2.95	1.50	8	- 47
Total impact Tasmania economy	42.13	13.88	66	67
Impact on Australian economy			1	
Total impact outside Tasmania economy	21.77	10.13	33	33
Total impact on Australian economy	63,90	24.01	99	100

Source: National institute of Economic and Industry Research (ME)R) 02/025. Compiled and presented in economy id by Jd (Informed decisions). Note: All 5 values are expressed in 2022/23 base year dollar terms.

## Impacts on local jobs

#### **Construction phase**

Hotels construction - economy in the Hobart City is estimated to support 25 direct local jobs per annum during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 33 indirect local jobs per annum during the construction phase.

The total estimated impact is 58 local jobs per annum over 2 years.

This table and charts below show a detailed breakdown of how employment will be affected by industry during the construction phase.

#### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of:

- adding \$21.5m in Construction

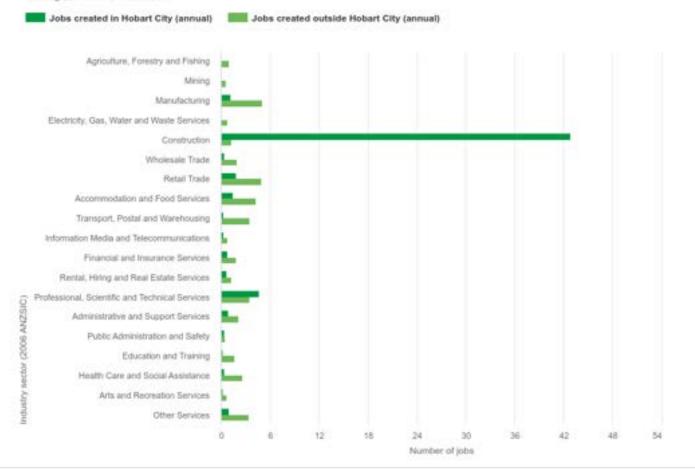
Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City (annual)	Jobs created outside of the Hobart City (annual)	Jobs created for the Hobart City residents (annual)
Agriculture, Forestry and Fishing	463	0.0	1.0	0.0
Mining	347	0.1	0.6	0.0
Manufacturing	1,008	1.2	5.0	0.8
Electricity, Gas, Water and Waste Services	1,498	0.1	0.8	0.0
Construction	2,967	42.9	1.2	12.4
Wholesale Trade	457	0.4	1.9	0.1
Retail Trade	4,524	1.9	4.9	0.9
Accommodation and Food Services	5,525	1.5	4.2	0.8
Transport, Postal and Warehousing	658	0.3	3.5	0.1
Information Media and Telecommunications	1,512	0.3	0.7	0.1
Financial and Insurance Services	2,437	0.8	1.8	0.2
Rental, Hiring and Real Estate Services	1,009	0.7	1.2	0.0
Professional, Scientific and Technical Services	6,980	4.7	3.5	2.2
Administrative and Support Services	1,503	0.9	2.1	0.3
Public Administration and Safety	10,802	0.4	0.5	0.1
Education and Training	7,326	0.2	1.6	0.2
Health Care and Social Assistance	14,863	0.4	2.6	0.2
Arts and Recreation Services	1,354	0.2	0.6	0.1
Other Services	2,259	1.0	3.4	0.3
Total industries	67,492	58	41	19

Source: National Institute of Economic and Industry Research (WEIR) (20025, Compiled and presented in economy) d by .id (Informed decisions).

### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of: - adding \$21.5m in Construction





Source: National Institute of Economic and Industry Research (NEIR) 92025. Compiled and presented in economy id by .st (Informed decisions).

## Impacts on value added

#### **Construction phase**

Hotels construction - economy in the Hobart City is estimated to generate \$5.3m direct value added during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$7.0m in value-added during the construction phase.

The total estimated impact is \$12.3m in value-added over 2 years.

This table and charts below show a detailed breakdown of value added by industry during the construction phase.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of:

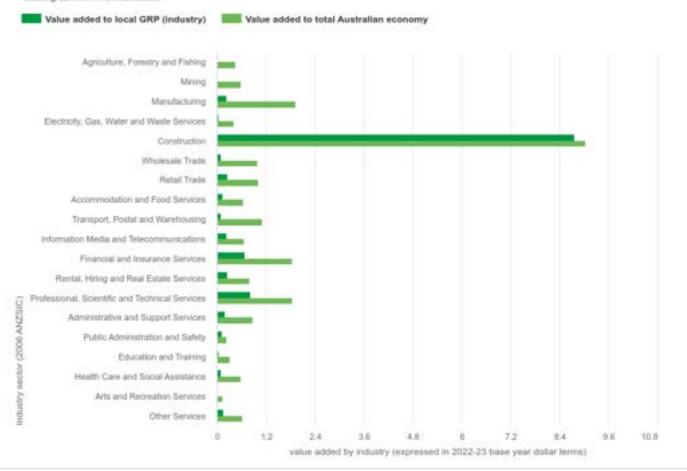
- adding \$21.5m in Construction

Industry sector (1-digit ANSIC)	Value Added Sm	Value added \$m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$100.3	\$0.02	+0.01	\$0.44
Mining	\$52.3	\$0.02	+0.04	\$0.58
Manufacturing	\$73.0	\$0.24	+0.32	\$1.92
Electricity, Gas, Water and Waste Services.	\$350.9	\$0.04	+0.01	\$0.40
Construction	\$292.3	\$8.76	+3.00	\$9.04
Wholesale Trade	\$61.7	\$0.10	+0.16	\$0.99
Retail Trade	\$323.2	\$0.26	+0.08	\$1.01
Accommodation and Food Services	\$290.2	\$0.15	+0.05	\$0.64
Transport, Postal and Warehousing	\$110.0	\$0.10	+0.09	\$1.11
Information Media and Telecommunications	\$495.1	\$0.23	+0.05	\$0.65
Financial and Insurance Services	\$923.8	\$0.67	+0.07	\$1.83
Rental, Hiring and Real Estate Services	\$212.3	\$0.26	+0.12	\$0.80
Professional, Scientific and Technical Services	\$600.0	\$0.82	+0.14	\$1.83
Administrative and Support Services	\$193.0	\$0.19	+0.10	\$0.88
Public Administration and Safety	\$1,466.4	\$0.11	+0.01	\$0.23
Education and Training	\$780.9	\$0.04	+0.01	\$0.31
Health Care and Social Assistance	\$1,830.4	\$0.09	+0.01	\$0.58
Arts and Recreation Services	\$128.3	\$0.03	+0.02	\$0.13
Other Services	\$130.8	\$0.16	+0.12	\$0.63
Total industries	\$6,502.9	\$12.29	+0.14	\$24.00

Source: National Institute of Economic and Industry Research (AEER) 02025. Compiled and presented in economy id by Jd (Informed decisions). Nate: All 5 values are expressed in 2022/23 base year dollar terms.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of: - adding \$21.5m in Construction



Source: National Institute of Economic and Industry Research (NEIR) 92025. Compiled and presented in economy id by .st (Informed decisions).

### Impacts on output

#### **Construction phase**

Hotels construction - economy in the Hobart City is estimated to generate \$21.5m direct output during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$17.7m in output during the construction phase.

The total estimated impact is \$39.2m in output over 2 years.

## Impacts on resident employment

#### **Construction phase**

The combination of all direct, industrial and consumption effects of the construction phase of the Hotels construction - economy in the Hobart City is estimated to support 58 jobs.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City residents. It is estimated that of the 58 jobs created, 19 or 32.8% would be expected to be filled by the Hobart City residents.

### Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the Hotels construction - economy is directly equivalent to the change in value added outlined in the section above.

#### **Construction phase**

The construction of the Hotels construction - economy in the Hobart City is estimated to increase GRP by \$12.3m. The effect of the construction of the Hotels construction - economy in the Hobart City on the Australian economy (including the Hobart City) is estimated to be a growth in GDP of \$24.0m.

### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

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### Model input summary

**Project: Hotels ongoing (Hobart City)** 

Operational phase - modelling the impact of:

- adding 90 jobs in Accommodation

## Economic impact highlights

The economic impacts of Hotels ongoing are summarised in the infographic below

### **Operational Phase (per year)**



\$ 23.43 m



\$ 10.44 m



123
Local jobs

(\$ 14.00 m Direct + \$ 9.43 m Indirect)

(\$ 6.49 m Direct + \$ 3.94 m Indirect) (90 Direct + 33 Indirect)

## Summary of impacts

#### **Operational phase**

Hotels ongoing in the Hobart City is estimated to support 90 direct local jobs per annum on an ongoing basis. This would generate \$14.0m in direct output per year and \$6.5m in industry value added per year.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 33 indirect local jobs per year and generate \$3.9m in indirect industry value added per year off the back of \$9.4m in output.

The total estimated annual impact is 123 local jobs, \$23.4m in output and \$10.4m in value added.

#### Operational phase

Hotart City - Modelling the annual effect (Inflation adjusted) of - Hotling 90 jobs in Accommodation

Economic measure	Output (\$m)	Value- added (\$m)	Local jobs	Residents jobs
Impacts on Hobart City economy		11-0	180	
Direct impact on selected sector(s)	14.00	6.49	90	- 2
Industrial impact	7.93	3.09	25	4
Consumption impact	1.50	0.85	8	н
Total impact on Hobart City economy	23.43	10,44	123	46
Multipliers		281	Œ,	9
Type 1 multiplier (direct and industrial)	1.57	1.48	1.27	-
Type 2 multiplier (direct, industrial and consumption)	1,67	1.61	1.37	-
Impact on Tasmania economy	-	10-2	100	
Total impact - Tasmania outside Hobart City	2.63	1,41	15	95
Total impact Tasmania economy	26.06	11.84	138	141
Impact on Australian economy	-	163	-	-
Total impact outside Tasmania economy	16.31	7.63	53	53
Total impact on Australian economy	42.36	19.48	190	194

Source: National institute of Economic and Industry Research (NER) 62025. Compiled and presented in accreeny lid by .id (informed decisions). Note: All 5 values are expressed in 2022/23 trace year dollar terms.

## Impacts on local jobs

#### **Operational phase**

Hotels ongoing in the Hobart City is estimated to support 90 direct local jobs per annum on an ongoing basis.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 33 indirect local jobs per annum during the operational phase.

The total estimated impact is 123 local jobs per annum.

The table and charts below show a detailed breakdown of how employment will be affected by industry during the operational phase.

#### Employment by industry sector - Operational Phase

Hobart City - modeling the Impact on local jobs, of

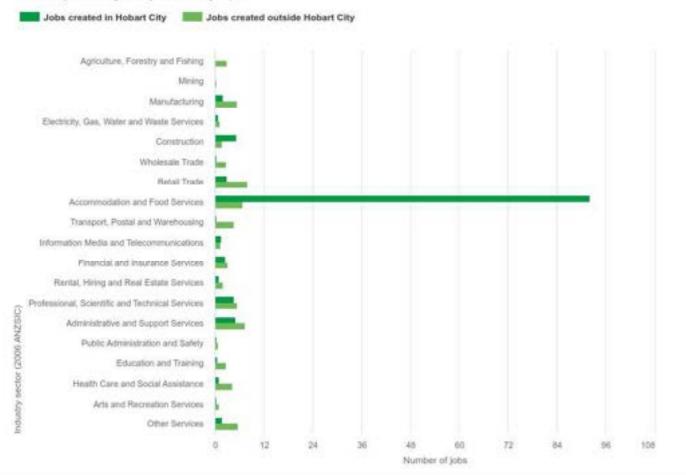
- Holding 90 jobs in Accommodation

Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City	Jobs created outside of the Hobart City	Jobs created for the Hobart City residents
Agriculture, Forestry and Fishing	463	0.3	2.9	0.1
Mining	347	0.1	0.3	0.1
Manufacturing	1,008	2.0	5.5	1,0
Electricity, Gas, Water and Waste Services	1,498	0.7	1.2	0.2
Construction	2,967	5.3	1.8	1.5
Wholesale Trade	457	0.4	2.8	0.2
Retail Trade	4,524	3.0	8.0	1.4
Accommodation and Food Services	5,525	92.2	6.8	33.8
Transport, Postal and Warehousing	658	0.3	4.6	0.2
Information Media and Telecommunications	1,512	1.5	1.3	0.6
Financial and Insurance Services	2,437	2.5	3.1	0.7
Rental, Hiring and Real Estate Services	1,009	1.0	1.9	0.5
Professional, Scientific and Technical Services	6,980	4.7	5.4	2.2
Administrative and Support Services	1,503	5.0	7.4	1.4
Public Administration and Safety	10,802	0.3	0.7	0.1
Education and Training	7,326	0.6	2.7	0.4
Health Care and Social Assistance	14,863	1.0	4.3	0.5
Arts and Recreation Services	1,354	0.4	1.1	0.2
Other Services	2,259	1.7	5.6	0.5
Total industries	67,492	123	67	46

Source: National Inabbase of Economic and Industry Research (NIER) \$2025. Compiled and presented in economy to by int (informed decisions).

#### Employment by industry sector - Operational Phase

Hobart City - modeling the impact on local jobs, of:



Source. National institute of Economic and Industry Research (NIEIR) 62025. Compiled and presented in economy id by 3d (informed decisions).

## Impacts on value added

#### **Operational phase**

Hotels ongoing in the Hobart City is estimated to generate \$6.5m direct value added per annum on an ongoing basis during the operational phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$3.9m in value-added per annum on an ongoing basis during the operational phase.

The total estimated impact is \$10.4m in value-added per annum during the operational phase of the project.

This table and charts below show a detailed breakdown of value added by industry during the operational phase ofthe project.

#### Value added by industry sector - Operational Phase

Hotiart City - modeling the impact on value added, of:

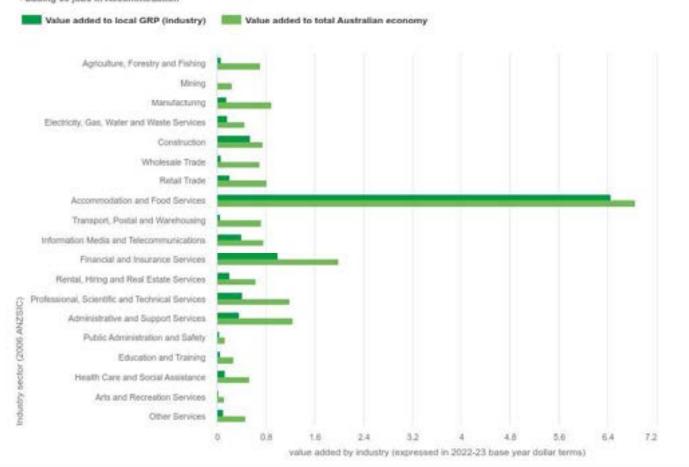
- Inditing 90 jobs in Accommodation

Industry sector (1-digit ANSIC)	Value Added Sm	Value added 5m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$188.3	\$0.06	+0.03	\$0.71
Mining	\$52.3	\$0.01	+0.02	\$0.25
Manufacturing	\$73.0	\$0.15	+0.21	\$0.89
Electricity, Gas, Water and Waste Services	\$350.9	\$0.16	+0.05	\$0.45
Construction	\$292.3	\$0.54	+0.18	\$0.74
Wholesale Trade	\$81.7	\$0.06	+0.10	\$0.69
Retail Trade	\$323.2	\$0.21	+0.06	\$0.61
Accommodation and Food Services	\$290.2	\$6.45	+2.22	\$6.85
Transport, Postal and Warehousing	\$110.0	\$0.06	+0.05	\$0.72
Information Media and Telecommunications	\$495.1	50.40	+0.08	50.77
Financial and Insurance Services	\$923.8	\$1.00	+0.11	\$2.00
Rental, Hiring and Real Estate Services	\$212.3	\$0.21	+0.10	\$0.64
Professional, Scientific and Technical Services	\$600.0	\$0.41	+0.07	\$1,19
Administrative and Support Services	\$193.0	\$0.06	+0.19	\$1.24
Public Administration and Safety	\$1,466.4	\$0.04	+0.00	\$0.13
Education and Training	\$780.9	\$0.05	+0.01	\$0.27
Health Care and Social Assistance	\$1,830.4	\$0,13	+0.01	\$0.54
Arts and Recreation Services	\$128.3	\$0.03	+0.02	\$0.11
Other Services	\$130.8	\$0.10	+0.08	\$0.47
Total industries	\$8,502.9	\$10.44	+0.12	\$19.47

Source: National Institute of Economic and Industry Research (NIER) 02025. Complete and presented in economy of by Jd (informed decisions). Note: All 5 virtues are expressed in 2022/23 base year dollar terms.

#### Value added by industry sector - Operational Phase

Hobart City - modeling the impact on value added, of: - adding 90 jobs in Accommodation



Source. National triatitute of Economic and Industry Research (NEIR) 92025. Compiled and presented in economy id by 3d (informed decisions).

### Impacts on output

#### **Operational phase**

Hotels ongoing in the Hobart City is estimated to generate \$14.0m direct output per annum on an ongoing basis during the operational phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$9.4m in output per annum on an ongoing basis during the operational phase.

The total estimated impact is \$23.4m in output per annum during the operational phase of the project.

## Impacts on resident employment

#### **Operational phase**

The total direct, industrial and consumption effects of the operational phase of the Hotels ongoing in the Hobart City is estimated to support 123 jobs located in the Hobart City.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City's residents. It is estimated that of the 123 jobs created, 46 or 37.4% would be expected to be filled by the Hobart City's residents.

## Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the Hotels ongoing is directly equivalent to the change in value added outlined in the section above.

#### **Operational phase**

GRP in the Hobart City is estimated to increase by \$10.4m per annum during the operational phase of the project.

The effect on the Australian economy (including the Hobart City) is estimated to be a growth in Gross Domestic Product (GDP) of \$19.5m per annum during the operational phase of the project.

### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

Economic impact modelling enables the Hobart City to explore how changes in employment or output (sales) due to a new project, business or policy will impact on all other sectors of the economy. It does this by using an input-output model derived from the local economy microsimulation model by National Economics (NIEIR) to model the flow-on effects across different industries.

This provides the Hobart City with powerful evidence to advocate against industrial closures or strategically target new industry sectors which are likely to have the greatest positive economic impact.

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### Model input summary

**Project: Hotels luxury construction (Hobart City)** 

**Construction phase - modelling the impact of:** 

- adding \$ 28.83 m in Construction over a 2.5 years period.

## Economic impact highlights

The economic impacts of Hotels luxury construction are summarised in the infographic below

#### **Construction Phase (over a 2.5 year period)**



\$ 52.54 m

**Output** 



\$ 16.48 m

Value added



**62** 

Local jobs (per year)

(\$ 28.83 m direct + \$ 23.71 m Indirect) (\$ 7.09 m Direct + \$ 9.39 m Indirect) (27 Direct + 35 Indirect)

## Summary of impacts

#### **Construction phase**

Hotels luxury construction in the Hobart City is estimated to inject \$28.8m of direct output into the local economy over 2.5 years. This would lead to an uplift of \$7.1m in direct value added and support 27 direct local jobs per annum during the construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to generate an additional \$23.7m in output, \$9.4m in value-added and support another 35 indirect local jobs per year during the construction phase of the project.

The total estimated construction phase local impact is \$52.5m in output, \$16.5m in value-added, and 62 local jobs per annum over 2.5 years.

#### Construction phase (2.5 year period)

Hobart City - Modelling the impact of: - adding \$28.83m in Construction

Economic measure	Output (\$m)	Value- added (\$m)	Local Jobs (annual)	Residents jobs (annual)
Impacts on Hobart City economy	2	723	142	2
Direct impact on selected sector(s)	28.83	7.09	27	
Industrial impact	22.28	8.58	32	
Consumption impact	1,43	0.81	3	77
Total impact on Hobart City economy	52.54	16.48	62	21
Multipliers				-
Type 1 multiplier (direct and industrial)	1.77	2.21	2.18	
Type 2 multiplier (direct, industrial and consumption)	1.82	2.32	2.30	-
Impact on Tasmania economy				
Total impact - Tanmania outside Hobert City	3.95	2.14	9	51
Total impact Tasmania economy	56.50	18.61	71	71
Impact on Australian economy			1 198	
Total impact outside Tasmania economy	29.19	13.58	35	36
Total impact on Australian economy	85.68	32.19	106	107

Source: National institute of Economic and Industry Research (NE)R) 02025. Compiled and presented in economy id by .id (Informed decisions). Note: All 5 values are expressed in 2022/23 base year-dollar terms.

## Impacts on local jobs

#### **Construction phase**

Hotels luxury construction in the Hobart City is estimated to support 27 direct local jobs per annum during the 2.5 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 35 indirect local jobs per annum during the construction phase.

The total estimated impact is 62 local jobs per annum over 2.5 years.

This table and charts below show a detailed breakdown of how employment will be affected by industry during the construction phase.

#### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of:

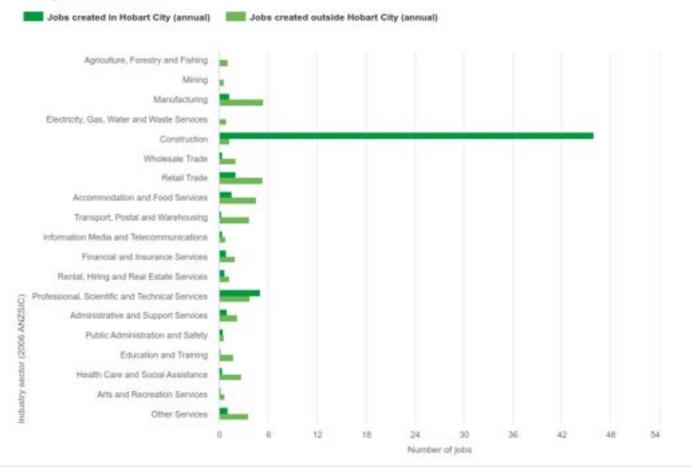
- adding \$28.83m in Construction

Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City (annual)	Jobs created outside of the Hobart City (annual)	Jobs created for the Hobart City residents (annual)
Agriculture, Forestry and Fishing	463	0.0	1.1	0.0
Mining	347	0.1	0.6	0.0
Manufacturing	1,008	1.3	5.4	0.9
Electricity, Gas, Water and Waste Services	1,498	0.1	0.9	0.0
Construction	2,967	46.0	1.3	13.3
Wholesale Trade	457	0.4	2.0	0.1
Retail Trade	4,524	2.0	5.3	0.9
Accommodation and Food Services	5,525	1.6	4.5	0.9
Transport, Postal and Warehousing	658	0.3	3.7	0.1
Information Media and Telecommunications	1,512	0.3	0.8	0.1
Financial and Insurance Services	2,437	0.8	1.9	0.2
Rental, Hiring and Real Estate Services	1,009	0.7	1.3	0.0
Professional, Scientific and Technical Services	6,980	5.0	3.7	2.4
Administrative and Support Services	1,503	1.0	2.3	0.3
Public Administration and Safety	10,802	0.5	0.5	0.1
Education and Training	7,326	0.2	1.7	0.2
Health Care and Social Assistance	14,863	0.4	2.8	0.2
Arts and Recreation Services	1,354	0.2	0.7	0.1
Other Services	2,259	1.1	3.6	0.3
Total industries	67,492	62	44	21

Source: National institute of Economic and Industry Research (NEIR) 02025. Compiled and presented in economy id by .id (informed decisions).

#### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of: - adding \$28.83m in Construction



Source: National Institute of Economic and Industry Research (NEIR) 92025. Compiled and presented in economy id by .st (Informed decisions).

## Impacts on value added

#### **Construction phase**

Hotels luxury construction in the Hobart City is estimated to generate \$7.1m direct value added during the 2.5 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$9.4m in value-added during the construction phase.

The total estimated impact is \$16.5m in value-added over 2.5 years.

This table and charts below show a detailed breakdown of value added by industry during the construction phase.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of:

- adding \$28.83m in Construction

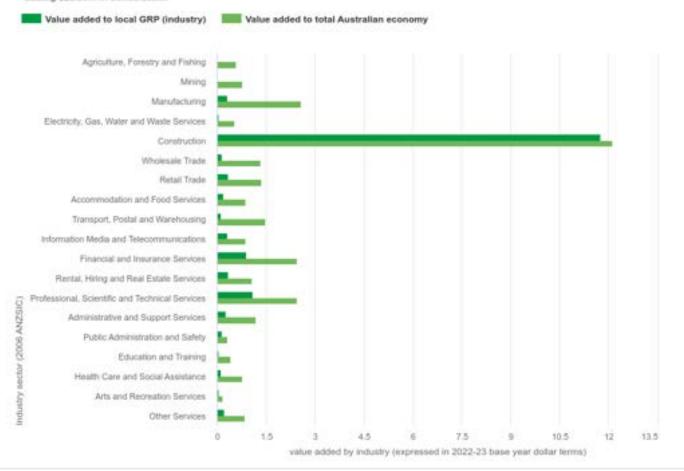
Industry sector (1-digit ANSIC)	Value Added Sm	Value added \$m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$100.3	\$0.03	+0.01	\$0.59
Mining	\$52.3	\$0.03	+0.05	50.78
Manufacturing	\$73.0	\$0.32	+0.43	\$2.57
Electricity, Gas, Water and Waste Services	\$350.9	\$0.06	+0.02	\$0.54
Construction	\$292.3	\$11.75	+4.02	\$12.12
Wholesale Trade	\$61.7	\$0.13	+0.22	\$1.33
Retail Trade	\$323.2	\$0.35	+0.11	\$1.35
Accommodation and Food Services	\$290.2	\$0.19	+0.07	\$0.86
Transport, Postal and Warehousing	\$110,0	\$0.13	+0.12	\$1.48
Information Media and Telecommunications	\$495.1	\$0.31	+0.06	\$0.87
Financial and Insurance Services	\$923.8	\$0.90	+0.10	\$2.46
Rental, Hiring and Real Estate Services	\$212.3	\$0.34	+0.16	\$1.07
Professional, Scientific and Technical Services	\$600.0	\$1.10	+0.18	\$2.46
Administrative and Support Services	\$193.0	\$0.26	+0.13	\$1.18
Public Administration and Safety	\$1,466.4	\$0.15	+0.01	\$0.31
Education and Training	\$780.9	\$0.05	+0.01	\$0.41
Health Care and Social Assistance	\$1,830.4	\$0.12	+0.01	\$0.77
Arts and Recreation Services	\$128.3	\$0.04	+0.03	\$0.17
Other Services	\$130.8	\$0.21	+0.16	\$0.84
Total industries	\$8,502.9	\$16.48	+0.19	\$32.19

Source: National Institute of Economic and Industry Research (MEIR) 02025. Compiled and presented in economy id by Jd (Informed decisions). Nate: All 5 values are expressed in 2022/23 base year dollar terms.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of: - adding \$28.83m in Construction





Source: National Institute of Economic and Industry Research (NEIR) 92025. Compiled and presented in economy id by .st (Informed decisions).

### Impacts on output

#### **Construction phase**

Hotels luxury construction in the Hobart City is estimated to generate \$28.8m direct output during the 2.5 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$23.7m in output during the construction phase.

The total estimated impact is \$52.5m in output over 2.5 years.

## Impacts on resident employment

#### **Construction phase**

The combination of all direct, industrial and consumption effects of the construction phase of the Hotels luxury construction in the Hobart City is estimated to support 62 jobs.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City residents. It is estimated that of the 62 jobs created, 21 or 33.9% would be expected to be filled by the Hobart City residents.

### Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the Hotels luxury construction is directly equivalent to the change in value added outlined in the section above.

#### **Construction phase**

The construction of the Hotels luxury construction in the Hobart City is estimated to increase GRP by \$16.5m. The effect of the construction of the Hotels luxury construction in the Hobart City on the Australian economy (including the Hobart City) is estimated to be a growth in GDP of \$32.2m.

### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

Economic impact modelling enables the Hobart City to explore how changes in employment or output (sales) due to a new project, business or policy will impact on all other sectors of the economy. It does this by using an input-output model derived from the local economy microsimulation model by National Economics (NIEIR) to model the flow-on effects across different industries.

This provides the Hobart City with powerful evidence to advocate against industrial closures or strategically target new industry sectors which are likely to have the greatest positive economic impact.

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### Model input summary

**Project: Hotels construction - other scenarios (Hobart City)** 

**Construction phase - modelling the impact of:** 

- adding \$ 401.59 m in Construction over a 2 years period.

## Economic impact highlights

The economic impacts of Hotels construction - other scenarios are summarised in the infographic below

#### **Construction Phase (over a 2 year period)**



\$ 731.88 m

**Output** 



\$ 229.51 m

Value added



1,080

Local jobs (per year)

(\$ 401.59 m direct + \$ 330.29 m Indirect) (\$ 98.76 m Direct + \$ 130.75 m Indirect) (469 Direct + 611 Indirect)

## Summary of impacts

#### **Construction phase**

Hotels construction - other scenarios in the Hobart City is estimated to inject \$401.6m of direct output into the local economy over 2 years. This would lead to an uplift of \$98.8m in direct value added and support 469 direct local jobs per annum during the construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to generate an additional \$330.3m in output, \$130.8m in value-added and support another 611 indirect local jobs per year during the construction phase of the project.

The total estimated construction phase local impact is \$731.9m in output, \$229.5m in value-added, and 1,080 local jobs per annum over 2 years.

#### Construction phase (2 year period)

Hobart City - Modelling the impact of: - adding \$401.59m in Construction

Economic measure	Output (\$m)	Value- added (\$m)	Local Jobs (annual)	Residents jobs (annual)
Impacts on Hobart City economy	2	723	122	2
Direct impact on selected sector(s)	401.59	98.76	469	
Industrial impact	310.38	119.47	556	
Consumption impact	19.92	11.28	55	77
Total impact on Hobart City economy	731.88	229.51	1,080	358
Multipliers		100		
Type 1 multiplier (direct and industrial)	1.77	2.21	2.18	
Type 2 multiplier (direct, industrial and consumption)	1.82	2.32	2.30	-
Impact on Tasmania economy				
Total impact - Tanmania outside Hobert City	55.09	29.75	155	885
Total impact Tasmania economy	786.98	259.26	1,235	1,243
Impact on Australian economy	-	300	100	
Total impact outside Tasmania economy	406.58	189.17	615	622
Total impact on Australian economy	1,193.56	448.43	1,850	1,865

Source: National institute of Economic and Industry Research (NE)R) 02025. Compiled and presented in economy id by .id (Informed decisions). Note: All 5 values are expressed in 2022/23 base year-dollar terms.

## Impacts on local jobs

#### **Construction phase**

Hotels construction - other scenarios in the Hobart City is estimated to support 469 direct local jobs per annum during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 0 indirect local jobs per annum during the construction phase.

The total estimated impact is 1,080 local jobs per annum over 2 years.

This table and charts below show a detailed breakdown of how employment will be affected by industry during the construction phase.

#### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of:

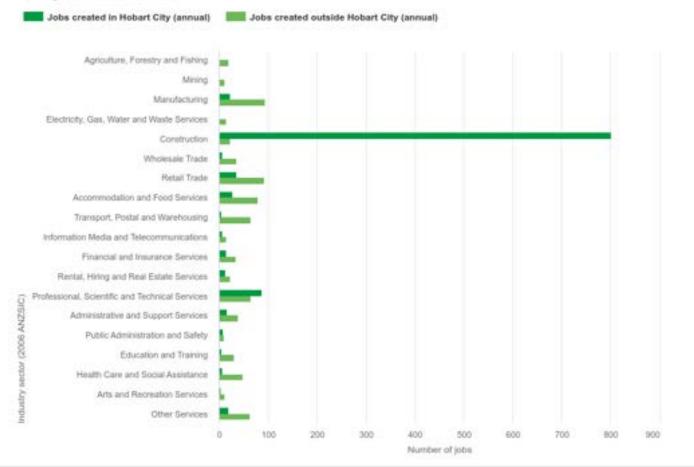
- adding \$401.59m in Construction

Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City (annual)	Jobs created outside of the Hobart City (annual)	Jobs created for the Hobart City residents (annual)
Agriculture, Forestry and Fishing	463	0.8	18.7	0.5
Mining	347	1.1	10.6	0.6
Manufacturing	1,008	22.5	93.7	14.9
Electricity, Gas, Water and Waste Services	1,498	1.8	15.2	0.8
Construction	2,967	8.008	22.7	230.8
Wholesale Trade	457	6.9	35.7	2,4
Retail Trade	4,524	35.1	92.0	16.1
Accommodation and Food Services	5,525	27.3	78.8	15.9
Transport, Postal and Warehousing	658	5.4	64.6	2.1
Information Media and Telecommunications	1,512	6.0	14.0	2.0
Financial and Insurance Services	2,437	14.7	33.9	4.1
Rental, Hiring and Real Estate Services	1,009	12.2	22.7	5,0
Professional, Scientific and Technical Services	6,980	87.3	65.2	41.3
Administrative and Support Services	1,503	16.6	39.3	5.2
Public Administration and Safety	10,802	8.0	9.3	2.3
Education and Training	7,326	4.1	30.2	3.5
Health Care and Social Assistance	14,863	7.2	48.0	3.6
Arts and Recreation Services	1,354	3.4	11.9	1.8
Other Services	2,259	18.7	63.1	4.9
Total industries	67,492	1,080	770	358

Source: National Institute of Economic and Industry Research (NEIR) (22025, Compiled and presented in economy id by .id (Informed decisions).

#### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of: - adding \$401.59m in Construction



# Impacts on value added

#### **Construction phase**

Hotels construction - other scenarios in the Hobart City is estimated to generate \$98.8m direct value added during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$130.8m in value-added during the construction phase.

The total estimated impact is \$229.5m in value-added over 2 years.

This table and charts below show a detailed breakdown of value added by industry during the construction phase.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of:

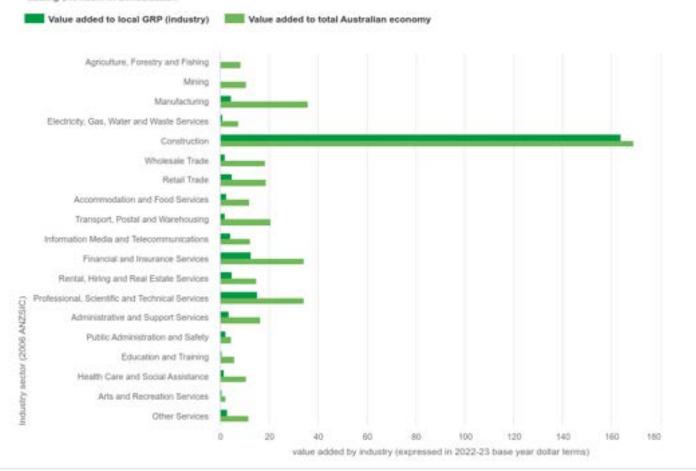
- adding \$401.59m in Construction

Industry sector (1-digit ANSIC)	Value Added 5m	Value added \$m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$100.3	\$0.36	+0.19	\$8.25
Mining	\$52.3	\$0.38	+0.72	\$10.63
Manufacturing	\$73.0	\$4.41	+6.04	\$35.85
Electricity, Gas, Water and Waste Services.	\$350.9	\$0.82	+0.23	\$7.52
Construction	\$292.3	\$163.70	+56.00	\$168.88
Wholesale Trade	\$61.7	\$1.87	+3.03	\$18.53
Retail Trade	\$323.2	\$4.87	+1.51	\$18.80
Accommodation and Food Services	\$290.2	\$2.71	+0.93	\$12.01
Transport, Postal and Warehousing	\$110,0	\$1.78	+1.62	\$20.65
Information Media and Telecommunications	\$495.1	\$4.25	+0.86	\$12.15
Financial and Insurance Services	\$923.8	\$12.56	+1.36	\$34.25
Rental, Hiring and Real Estate Services	\$212.3	\$4.78	+2.25	\$14.94
Professional, Scientific and Technical Services	\$600.0	\$15.34	+2.56	\$34.25
Administrative and Support Services	\$193.0	\$3.57	+1.85	\$16.42
Public Administration and Safety	\$1,466.4	\$2.11	+0.14	\$4.38
Education and Training	\$780.9	\$0.74	+0.09	\$5.75
Health Care and Social Assistance	\$1,830.4	\$1.74	+0.09	\$10.77
Arts and Recreation Services	\$128.3	\$0.54	+0.42	\$2.40
Other Services	\$130.8	\$2.99	+2.28	\$11.76
Total industries	\$8,502.9	\$229.51	+2.70	\$445.37

Source: National Institute of Economic and Industry Research (46ER) 02025. Compiled and presented in economy id by Jd (informed decisions), Nate: A15 values are expressed in 2002/23 base year dollar terms.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of: - adding \$401.59m in Construction



### Impacts on output

#### **Construction phase**

Hotels construction - other scenarios in the Hobart City is estimated to generate \$401.6m direct output during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$330.3m in output during the construction phase.

The total estimated impact is \$731.9m in output over 2 years.

# Impacts on resident employment

#### **Construction phase**

The combination of all direct, industrial and consumption effects of the construction phase of the Hotels construction - other scenarios in the Hobart City is estimated to support 1,080 jobs.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City residents. It is estimated that of the 1,080 jobs created, 358 or 0% would be expected to be filled by the Hobart City residents.

### Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the Hotels construction - other scenarios is directly equivalent to the change in value added outlined in the section above.

#### **Construction phase**

The construction of the Hotels construction - other scenarios in the Hobart City is estimated to increase GRP by \$229.5m. The effect of the construction of the Hotels construction - other scenarios in the Hobart City on the Australian economy (including the Hobart City) is estimated to be a growth in GDP of \$448.4m.

### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

Economic impact modelling enables the Hobart City to explore how changes in employment or output (sales) due to a new project, business or policy will impact on all other sectors of the economy. It does this by using an input-output model derived from the local economy microsimulation model by National Economics (NIEIR) to model the flow-on effects across different industries.

This provides the Hobart City with powerful evidence to advocate against industrial closures or strategically target new industry sectors which are likely to have the greatest positive economic impact.

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### Model input summary

**Project: Hotel jobs ongoing - other scenarios (Hobart City)** 

Operational phase - modelling the impact of:

- adding 568 jobs in Accommodation

# Economic impact highlights

The economic impacts of Hotel jobs ongoing - other scenarios are summarised in the infographic below

#### **Operational Phase (per year)**



\$ 147.84 m Output



\$ 65.86 m

Value added



776

Local jobs

(\$ 88.35 m Direct + \$ 59.49 m Indirect) (\$ 40.99 m Direct + \$ 24.87 m Indirect) (568 Direct + 208 Indirect)

# Summary of impacts

#### **Operational phase**

Hotel jobs ongoing - other scenarios in the Hobart City is estimated to support 568 direct local jobs per annum on an ongoing basis. This would generate \$88.4m in direct output per year and \$41.0m in industry value added per year.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 208 indirect local jobs per year and generate \$24.9m in indirect industry value added per year off the back of \$59.5m in output.

The total estimated annual impact is 776 local jobs, \$147.8m in output and \$65.9m in value added.

#### Operational phase

Hobart City - Modelling the annual effect (Inflation adjusted) of:

- adding 568 jobs in Accommodation

Economic measure	Output (\$m)	Value- added (\$m)	Local jobs	Residents jobs
Impacts on Hobart City economy	-		-	
Direct impact on selected sector(s)	88.35	40.99	568	77
Industrial impact	50.02	19.50	155	
Consumption impact	9.47	5,38	52	-
Total impact on Hobart City economy	147.84	65.86	776	288
Multipliers		733	. 4	2
Type 1 multiplier (direct and industrial)	1.57	1.48	1.27	
Type 2 multiplier (direct, industrial and consumption)	1.67	1.61	1,37	-
Impact on Tasmania economy	-	1577	-	5
Total impact - Tasmania outside Hobart City	16.61	8.89	93	601
Total impact Tasmania economy	164.45	74.75	860	889
Impact on Australian economy	H	100	-	-
Total impact outside Tasmania economy	102.92	48.16	332	335
Total impact on Australian economy	267.36	122.91	1,201	1,224

Source: National Institute of Economic and Industry Research (WEIR) 02025. Compiled and presented in economy of by Jid (Informed decisions). Note: All 5 values are sepressed in 2022/23 base year dollar ferms.

# Impacts on local jobs

#### **Operational phase**

Hotel jobs ongoing - other scenarios in the Hobart City is estimated to support 568 direct local jobs per annum on an ongoing basis.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 208 indirect local jobs per annum during the operational phase.

The total estimated impact is 776 local jobs per annum.

The table and charts below show a detailed breakdown of how employment will be affected by industry during the operational phase.

#### Employment by industry sector - Operational Phase

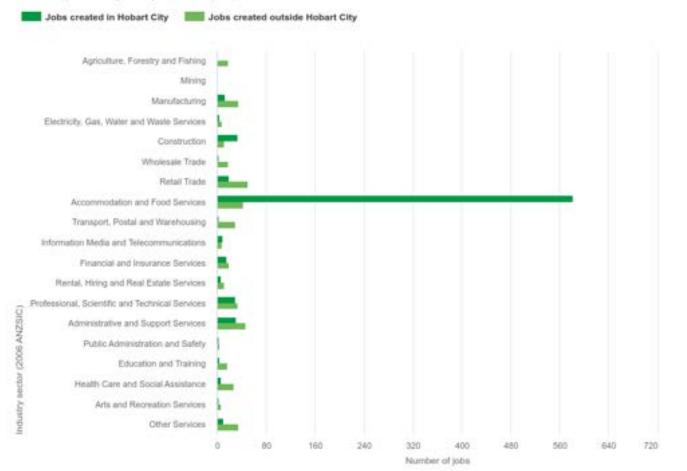
Hobart City - modeling the impact on local jobs, of:

- adding 568 jobs in Accommodation

Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City	Jobs created outside of the Hobart City	Jobs created for the Hobart City residents
Agriculture, Forestry and Fishing	463	1.8	18.3	0.8
Mining	347	0.4	1.9	0.4
Manufacturing	1,008	12.4	34.7	6.5
Electricity, Gas., Water and Waste Services	1,498	4.4	7.9	1.5
Construction	2,967	33.1	11.2	9.7
Wholesale Trade	457	2.8	17.5	1.1
Retail Trade	4,524	18.9	50.5	8.9
Accommodation and Food Services	5,525	581.7	43.0	213.0
Transport, Postal and Warehousing	658	2.2	29.2	1.0
Information Media and Telecommunications	1,512	9.6	8.4	3.7
Financial and Insurance Services	2,437	15.5	19.7	4.4
Rental, Hiring and Real Estate Services	1,009	0.0	12.1	3.1
Professional, Scientific and Technical Services	6,980	29.6	34.2	14.1
Administrative and Support Services	1,503	31.5	46.7	9.0
Public Administration and Safety	10,802	2.1	4.4	0.6
Education and Training	7,326	3.6	16.9	2.7
Health Care and Social Assistance	14,863	6.6	27.3	3.0
Arts and Recreation Services	1,354	2.7	6.7	1.5
Other Services	2,259	10.4	35.1	3.3
Total industries	67,492	776	426	288

#### Employment by industry sector - Operational Phase

Hobart City - modeling the impact on local jobs, of:



# Impacts on value added

#### **Operational phase**

Hotel jobs ongoing - other scenarios in the Hobart City is estimated to generate \$41.0m direct value added per annum on an ongoing basis during the operational phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$24.9m in value-added per annum on an ongoing basis during the operational phase.

The total estimated impact is \$65.9m in value-added per annum during the operational phase of the project.

This table and charts below show a detailed breakdown of value added by industry during the operational phase ofthe project.

#### Value added by industry sector - Operational Phase

Hobart City - modeling the impact on value added, of:

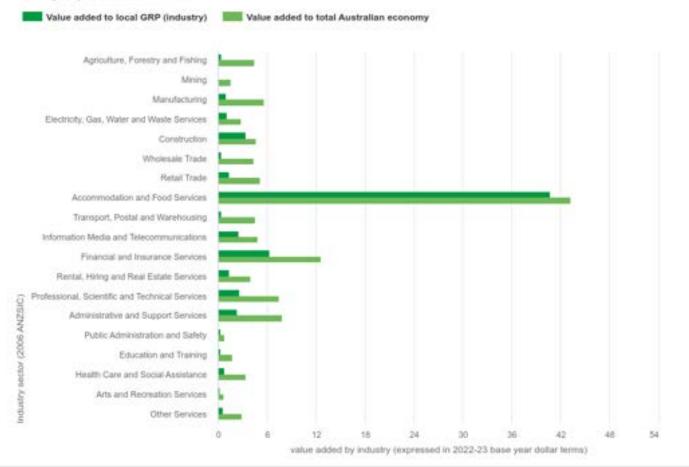
- adding 568 jobs in Accommodation

Industry sector (1-digit ANSIC)	Value Added 5m	Value added \$m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$100.3	\$0.40	+0.21	\$4.49
Mining	\$52.3	\$0.06	+0.11	\$1.59
Manufacturing	\$73.0	\$0.96	+1.32	\$5.64
Electricity, Gas, Water and Waste Services.	\$350.9	\$1.04	+0.30	\$2.84
Construction	\$292.3	\$3.41	+1.17	\$4.69
Wholesale Trade	\$61.7	\$0.38	+0.62	\$4.38
Retail Trade	\$323.2	\$1.31	+0.41	\$5.10
Accommodation and Food Services	\$290.2	\$40.71	+14.03	\$43.23
Transport, Postal and Warehousing	\$110.0	\$0.35	+0.32	\$4.53
Information Media and Telecommunications	\$495.1	\$2.51	+0.51	\$4.85
Financial and Insurance Services	\$923.8	\$6.30	+0.68	\$12.60
Rental, Hiring and Real Estate Services	\$212.3	\$1.34	+0.63	54.01
Professional, Scientific and Technical Services	\$600.0	\$2.57	+0.43	\$7.51
Administrative and Support Services	\$193.0	\$2.50	+1.19	\$7.64
Public Administration and Safety	\$1,466.4	\$0.28	+0.02	\$0.82
Education and Training	\$780.9	\$0.32	+0.04	\$1.73
Health Care and Social Assistance	\$1,830.4	\$0.79	+0.04	\$3.38
Arts and Recreation Services	\$128.3	\$0.19	+0.15	\$0.72
Other Services	\$130.8	\$0.63	+0.48	\$2.94
Total industries	\$6,502.9	\$65.86	+0.77	\$122.89

Source: National Institute of Economic and Industry Research (MEIR) 02025. Compiled and presented in economy id by Jd (Informed decisions). Nate: All \$ values are expressed in 2022/23 base year dollar terms.

#### Value added by industry sector - Operational Phase

Hobart City - modeling the impact on value added, of: - adding 568 jobs in Accommodation



### Impacts on output

#### **Operational phase**

Hotel jobs ongoing - other scenarios in the Hobart City is estimated to generate \$88.4m direct output per annum on an ongoing basis during the operational phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$59.5m in output per annum on an ongoing basis during the operational phase.

The total estimated impact is \$147.8m in output per annum during the operational phase of the project.

# Impacts on resident employment

#### **Operational phase**

The total direct, industrial and consumption effects of the operational phase of the Hotel jobs ongoing - other scenarios in the Hobart City is estimated to support 776 jobs located in the Hobart City.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City's residents. It is estimated that of the 776 jobs created, 288 or 37.1% would be expected to be filled by the Hobart City's residents.

### Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the Hotel jobs ongoing - other scenarios is directly equivalent to the change in value added outlined in the section above.

#### **Operational phase**

GRP in the Hobart City is estimated to increase by \$65.9m per annum during the operational phase of the project.

The effect on the Australian economy (including the Hobart City) is estimated to be a growth in Gross Domestic Product (GDP) of \$122.9m per annum during the operational phase of the project.

### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

Economic impact modelling enables the Hobart City to explore how changes in employment or output (sales) due to a new project, business or policy will impact on all other sectors of the economy. It does this by using an input-output model derived from the local economy microsimulation model by National Economics (NIEIR) to model the flow-on effects across different industries.

This provides the Hobart City with powerful evidence to advocate against industrial closures or strategically target new industry sectors which are likely to have the greatest positive economic impact.

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### Model input summary

**Project: Hotels upscale construction (Hobart City)** 

**Construction phase - modelling the impact of:** 

- adding \$ 23.10 m in Construction over a 2 years period.

# Economic impact highlights

The economic impacts of Hotels upscale construction are summarised in the infographic below

#### **Construction Phase (over a 2 year period)**



\$ 42.10 m

**Output** 



\$ 13.20 m

Value added



**62** 

Local jobs (per year)

(\$ 23.10 m direct + \$ 19.00 m Indirect) (\$ 5.68 m Direct + \$ 7.52 m Indirect) (27 Direct + 35 Indirect)

# Summary of impacts

#### **Construction phase**

Hotels upscale construction in the Hobart City is estimated to inject \$23.1m of direct output into the local economy over 2 years. This would lead to an uplift of \$5.7m in direct value added and support 27 direct local jobs per annum during the construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to generate an additional \$19.0m in output, \$7.5m in value-added and support another 35 indirect local jobs per year during the construction phase of the project.

The total estimated construction phase local impact is \$42.1m in output, \$13.2m in value-added, and 62 local jobs per annum over 2 years.

#### Construction phase (2 year period)

Hobart City - Modelling the impact of: - adding \$23.1m in Construction

Economic measure	Output (\$m)	Value- added (\$m)	Local Jobs (annual)	Residents jobs (annual)
Impacts on Hobart City economy	2			
Direct impact on selected sector(s)	23.10	5.68	27	
Industrial impact	17.85	6.87	32	-
Consumption impact	1.15	0.65	3	77
Total impact on Hobart City economy	42.10	13,20	62	21
Multipliers	-	150	-	-
Type 1 multiplier (direct and industrial)	1.77	2.21	2.18	
Type 2 multiplier (direct, industrial and consumption)	1.82	2.32	2.30	-
Impact on Tasmania economy				
Total impact - Tanmania outside Hobart City	3.17	1.71	9	51
Total impact Tasmania economy	45.27	14.91	71	72
Impact on Australian economy			100	
Total impact outside Tasmania economy	23,39	10.88	35	36
Total impact on Australian economy	68.65	25.79	106	107

Source: National institute of Economic and Industry Research (NE)R) 02025. Compiled and presented in economy id by .id (Informed decisions). Note: All 5 values are expressed in 2022/23 base year-dollar terms.

# Impacts on local jobs

#### **Construction phase**

Hotels upscale construction in the Hobart City is estimated to support 27 direct local jobs per annum during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 35 indirect local jobs per annum during the construction phase.

The total estimated impact is 62 local jobs per annum over 2 years.

This table and charts below show a detailed breakdown of how employment will be affected by industry during the construction phase.

#### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of:

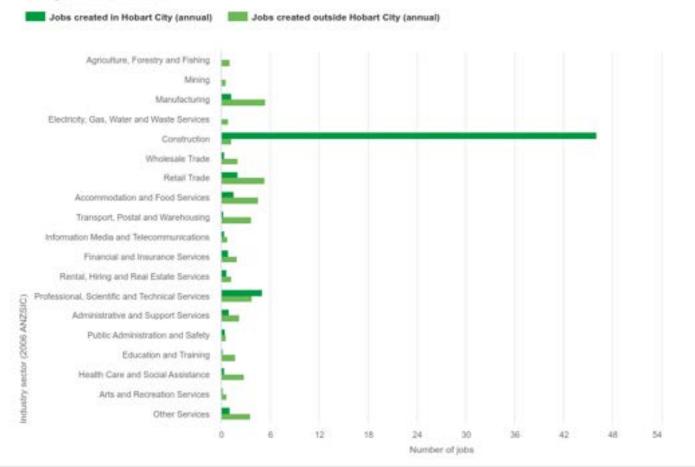
- adding \$23.1m in Construction

Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City (annual)	Jobs created outside of the Hobart City (annual)	Jobs created for the Hobart City residents (annual)
Agriculture, Forestry and Fishing	463	0.0	1.1	0.0
Mining	347	0.1	0.6	0.0
Manufacturing	1,008	1.3	5.4	0.9
Electricity, Gas, Water and Waste Services	1,498	0.1	0.9	0.0
Construction	2,967	46.1	1.3	13.3
Wholesale Trade	457	0.4	2.1	0.1
Retail Trade	4,524	2.0	5.3	0.9
Accommodation and Food Services	5,525	1.6	4.5	0.9
Transport, Postal and Warehousing	658	0.3	3.7	0.1
Information Media and Telecommunications	1,512	0.3	0.8	0.1
Financial and Insurance Services	2,437	0.8	2.0	0.2
Rental, Hiring and Real Estate Services	1,009	0.7	1.3	0.0
Professional, Scientific and Technical Services	6,980	5.0	3.7	2.4
Administrative and Support Services	1,503	1.0	2.3	0.3
Public Administration and Safety	10,802	0.5	0.5	0.1
Education and Training	7,326	0.2	1.7	0.2
Health Care and Social Assistance	14,863	0.4	2.8	0.2
Arts and Recreation Services	1,354	0.2	0.7	0.1
Other Services	2,259	1.1	3.6	0.3
Total industries	67,492	62	44	21

Source: National institute of Economic and Industry Research (NEIR) 02025. Compiled and presented in economy id by .id (informed decisions).

### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of: - adding \$23.1m in Construction



# Impacts on value added

#### **Construction phase**

Hotels upscale construction in the Hobart City is estimated to generate \$5.7m direct value added during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$7.5m in value-added during the construction phase.

The total estimated impact is \$13.2m in value-added over 2 years.

This table and charts below show a detailed breakdown of value added by industry during the construction phase.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of:

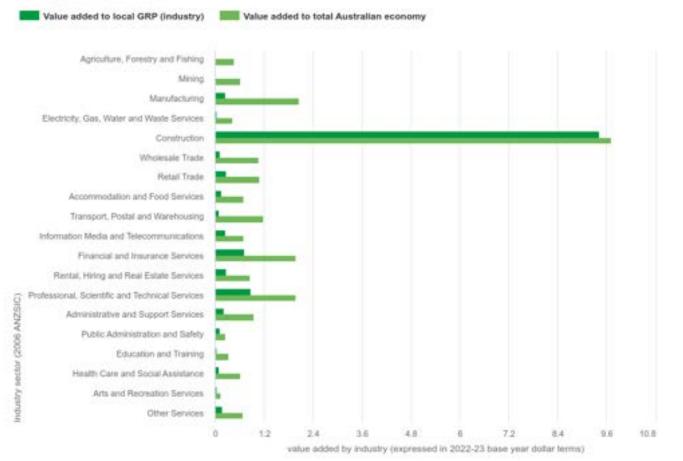
- adding \$23.1m in Construction

Industry sector (1-digit ANSIC)	Value Added Sm	Value added \$m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$100.3	\$0.02	+0.01	\$0.47
Mining	\$52.3	\$0.02	+0.04	\$0.62
Manufacturing	\$73.0	\$0.25	+0.35	\$2.06
Electricity, Gas, Water and Waste Services.	\$350.9	\$0.05	+0.01	\$0.43
Construction	\$292.3	\$9.42	+3.22	\$9.71
Wholesale Trade	\$61.7	\$0.11	+0.17	\$1.67
Retail Trade	\$323.2	\$0.28	+0.09	\$1.08
Accommodation and Food Services	\$290.2	\$0.16	+0.05	\$0.69
Transport, Postal and Warehousing	\$110,0	\$0.10	+0.09	\$1.19
Information Media and Telecommunications	\$495.1	\$0.24	+0.05	\$0.70
Financial and Insurance Services	\$923.8	\$0.72	+0.08	\$1.97
Rental, Hiring and Real Estate Services	\$212.3	\$0.28	+0.13	\$0.86
Professional, Scientific and Technical Services	\$600.0	\$0.88	+0.15	\$1.97
Administrative and Support Services	\$193.0	\$0.21	+0.11	\$0.94
Public Administration and Safety	\$1,466.4	\$0.12	+0.01	\$0.25
Education and Training	\$780.9	\$0.04	+0.01	\$0.33
Health Care and Social Assistance	\$1,830.4	\$0.10	+0.01	\$0.62
Arts and Recreation Services	\$128.3	\$0.03	+0.02	\$0.14
Other Services	\$130.8	\$0.17	+0.13	\$0.68
Total industries	\$8,502.9	\$13.20	+0.16	\$25.79

Source: National Institute of Economic and Industry Research (AEER) 02025. Compiled and presented in economy id by Jd (Informed decisions). Nate: All 5 values are expressed in 2022/23 base year dollar terms.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of: - adding \$23.1m in Construction



### Impacts on output

#### **Construction phase**

Hotels upscale construction in the Hobart City is estimated to generate \$23.1m direct output during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$19.0m in output during the construction phase.

The total estimated impact is \$42.1m in output over 2 years.

## Impacts on resident employment

#### **Construction phase**

The combination of all direct, industrial and consumption effects of the construction phase of the Hotels upscale construction in the Hobart City is estimated to support 62 jobs.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City residents. It is estimated that of the 62 jobs created, 21 or 33.9% would be expected to be filled by the Hobart City residents.

## Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the Hotels upscale construction is directly equivalent to the change in value added outlined in the section above.

#### **Construction phase**

The construction of the Hotels upscale construction in the Hobart City is estimated to increase GRP by \$13.2m. The effect of the construction of the Hotels upscale construction in the Hobart City on the Australian economy (including the Hobart City) is estimated to be a growth in GDP of \$25.8m.

### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

Economic impact modelling enables the Hobart City to explore how changes in employment or output (sales) due to a new project, business or policy will impact on all other sectors of the economy. It does this by using an input-output model derived from the local economy microsimulation model by National Economics (NIEIR) to model the flow-on effects across different industries.

This provides the Hobart City with powerful evidence to advocate against industrial closures or strategically target new industry sectors which are likely to have the greatest positive economic impact.

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### Model input summary

**Project: HPC (Hobart City)** 

Construction phase - modelling the impact of:

- adding \$ 115.00 m in Construction over a 2 years period.

# Economic impact highlights

The economic impacts of HPC are summarised in the infographic below

#### **Construction Phase (over a 2 year period)**



\$ 209.58 m

Output



\$ 65.72 m

Value added



309

Local jobs (per year)

(\$ 115.00 m direct + \$ 94.58 m Indirect) (\$ 28.28 m Direct + \$ 37.44 m Indirect) (134 Direct + 175 Indirect)

# Summary of impacts

#### **Construction phase**

HPC in the Hobart City is estimated to inject \$115.0m of direct output into the local economy over 2 years. This would lead to an uplift of \$28.3m in direct value added and support 134 direct local jobs per annum during the construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to generate an additional \$94.6m in output, \$37.4m in value-added and support another 175 indirect local jobs per year during the construction phase of the project.

The total estimated construction phase local impact is \$209.6m in output, \$65.7m in value-added, and 309 local jobs per annum over 2 years.

#### Construction phase (2 year period)

Hobart City - Modelling the impact of: - adding \$115m in Construction

Economic measure	Output (\$m)	Value- added (\$m)	Local Jobs (annual)	Residents jobs (annual)
Impacts on Hobart City economy	2	1924	100	2
Direct impact on selected sector(s)	115.00	28.28	134	
Industrial impact	88.88	34.21	159	-
Consumption impact	5.70	3.23	16	77
Total impact on Hobart City economy	209.58	65.72	309	103
Multipliers	-	18	-	-
Type 1 multiplier (direct and industrial)	1.77	2.21	2.18	
Type 2 multiplier (direct, industrial and consumption)	1.82	2.32	2.30	-
Impact on Tasmania economy	9	3570		
Total impact - Tasmania outside Hobart City	15.78	8.52	44	253
Total impact Tasmania economy	225.36	74.24	354	356
Impact on Australian economy		100	1 1 1 1	×
Total impact outside Tasmania economy	116.43	54.17	176	178
Total impact on Australian economy	341.79	128.41	530	534

Source: National Institute of Economic and Industry Research (NEIR) 62025. Compiled and presented in economy id by Jd (Informed decisions). Note: All 5 values are expressed in 2022/23 base year dollar terms.

# Impacts on local jobs

#### **Construction phase**

HPC in the Hobart City is estimated to support 134 direct local jobs per annum during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 175 indirect local jobs per annum during the construction phase.

The total estimated impact is 309 local jobs per annum over 2 years.

This table and charts below show a detailed breakdown of how employment will be affected by industry during the construction phase.

#### Employment by industry sector - Construction Phase

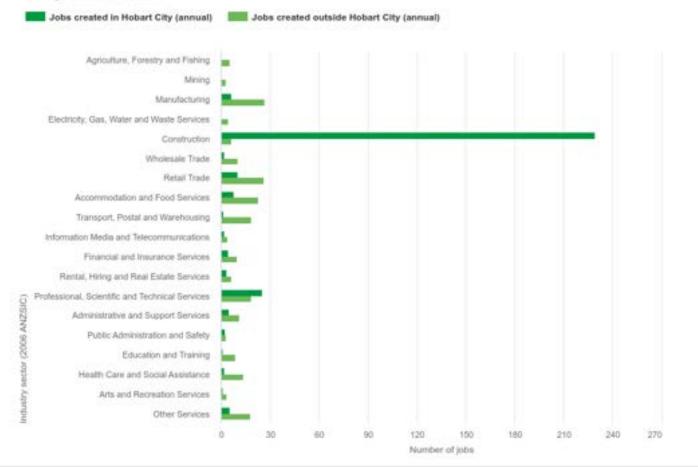
Hobart City - modeling the impact on local jobs, of:

- adding \$115m in Construction

Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City (annual)	Jobs created outside of the Hobart City (annual)	Jobs created for the Hobart City residents (annual)
Agriculture, Forestry and Fishing	463	0.2	5.4	0.1
Mining	347	0.3	3.0	0.2
Manufacturing	1,008	6.4	26.8	4.3
Electricity, Gas, Water and Waste Services	1,498	0.5	4.4	0.2
Construction	2,967	229.3	6.5	66.1
Wholesale Trade	457	2.0	10.2	0.7
Retail Trade	4,524	10.1	26.4	4.6
Accommodation and Food Services	5,525	7.8	22.6	4.5
Transport, Postal and Warehousing	658	1.5	18.5	0.6
Information Media and Telecommunications	1,512	1.7	4.0	0.6
Financial and Insurance Services	2,437	4.2	9.7	1.2
Rental, Hiring and Real Estate Services	1,009	3.5	6.5	1,0
Professional, Scientific and Technical Services	6,980	25.0	18.7	11.8
Administrative and Support Services	1,503	4.7	11.3	1.5
Public Administration and Safety	10,802	2.3	2.7	0.7
Education and Training	7,326	1.2	8.7	1.0
Health Care and Social Assistance	14,863	2.1	13.8	1.0
Arts and Recreation Services	1,354	1.0	3.4	0.5
Other Services	2,259	5.3	18.1	1.4
Yotal industries	67,492	309	220	103

### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of: - adding \$115m in Construction



# Impacts on value added

#### **Construction phase**

HPC in the Hobart City is estimated to generate \$28.3m direct value added during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$37.4m in value-added during the construction phase.

The total estimated impact is \$65.7m in value-added over 2 years.

This table and charts below show a detailed breakdown of value added by industry during the construction phase.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of:

- adding \$115m in Construction

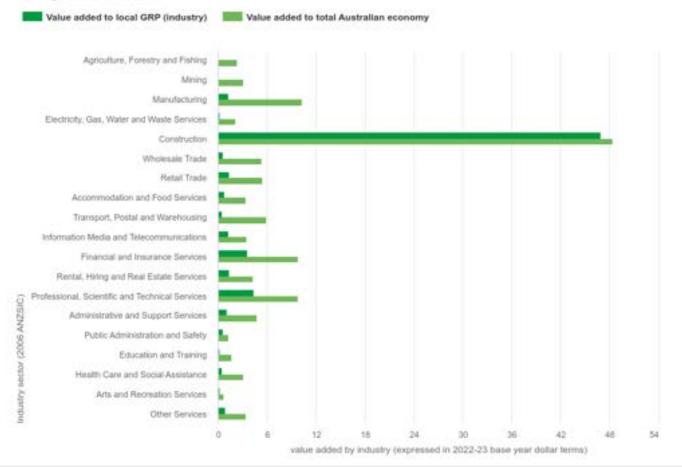
Industry sector (1-digit ANSIC)	Value Added Sm	Value added \$m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$100.3	\$0.10	+0.05	\$2.36
Mining	\$52.3	\$0.11	+0.21	\$3.10
Manufacturing	\$73.0	\$1.26	+1.73	\$10.27
Electricity, Gas, Water and Waste Services	\$350.9	\$0.23	+0.07	\$2.15
Construction	\$292.3	\$46.88	+16.04	\$48.36
Wholesale Trade	\$61.7	\$0.54	+0.87	\$5.31
Retail Trade	\$323.2	\$1.39	+0.43	\$5.38
Accommodation and Food Services	\$290.2	\$0.78	+0.27	\$3.44
Transport, Postal and Warehousing	\$110,0	\$0.51	+0.46	\$5.91
Information Media and Telecommunications	\$495.1	\$1.22	+0.25	\$3.48
Financial and Insurance Services	\$923.8	\$3.60	+0.39	\$9.81
Rental, Hiring and Real Estate Services	\$212.3	\$1.37	+0.64	\$4.28
Professional, Scientific and Technical Services	\$600.0	\$4.39	+0.73	\$9.81
Administrative and Support Services	\$193.0	51.02	+0.53	\$4.70
Public Administration and Safety	\$1,466.4	\$0.60	+0.04	\$1.25
Education and Training	\$780.9	\$0.21	+0.03	\$1.65
Health Care and Social Assistance	\$1,830.4	\$0.50	+0.03	\$3.08
Arts and Recreation Services	\$128,3	\$0.15	+0.12	\$0.69
Other Services	\$130.8	\$0.86	+0.65	\$3.37
Total industries	\$6,502.9	\$65.72	+0.77	\$128.40

Source: National Institute of Economic and Industry Research (NEIR) 02025. Compiled and presented in economy id by .id (informed decisions). Nate: All \$ values are expressed in 2022/23 base year dollar terms.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of: - adding \$115m in Construction





### Impacts on output

#### **Construction phase**

HPC in the Hobart City is estimated to generate \$115.0m direct output during the 2 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$94.6m in output during the construction phase.

The total estimated impact is \$209.6m in output over 2 years.

## Impacts on resident employment

#### **Construction phase**

The combination of all direct, industrial and consumption effects of the construction phase of the HPC in the Hobart City is estimated to support 309 jobs.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City residents. It is estimated that of the 309 jobs created, 103 or 33.3% would be expected to be filled by the Hobart City residents.

### Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the HPC is directly equivalent to the change in value added outlined in the section above.

#### **Construction phase**

The construction of the HPC in the Hobart City is estimated to increase GRP by \$65.7m. The effect of the construction of the HPC in the Hobart City on the Australian economy (including the Hobart City) is estimated to be a growth in GDP of \$128.4m.

### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

Economic impact modelling enables the Hobart City to explore how changes in employment or output (sales) due to a new project, business or policy will impact on all other sectors of the economy. It does this by using an input-output model derived from the local economy microsimulation model by National Economics (NIEIR) to model the flow-on effects across different industries.

This provides the Hobart City with powerful evidence to advocate against industrial closures or strategically target new industry sectors which are likely to have the greatest positive economic impact.

#### Disclaimer

This report has been generated for the City of Hobart. It is provided for information purposes only. There can be no assurance that actual results will be consistent with any forecasts or estimates provided within the report. The information in this report and the report itself is subject to change without notice. The modelling used to generate estimates of economic impacts within the report is provided by National Institute of Economic & Industry Research (NIEIR). Neither the Council nor .id gives any warranty nor bears any liability whatsoever with respect to the correctness, accuracy, currency, completeness, or otherwise of the NIEIR model, or other content generated from it within this report.

### Model input summary

**Project: Stadium Jobs (Hobart City)** 

Operational phase - modelling the impact of:

- adding 20 jobs in Sports and Recreation Activities

# Economic impact highlights

The economic impacts of Stadium Jobs are summarised in the infographic below

#### **Operational Phase (per year)**



\$ 4.92 m



\$ 2.22 m

Value added



30

Local jobs

(\$ 3.48 m Direct + \$ 1.45 m Indirect) (\$ 1.43 m Direct + \$ 793.31 k Indirect) (20 Direct + 10 Indirect)

# Summary of impacts

#### **Operational phase**

Stadium Jobs in the Hobart City is estimated to support 20 direct local jobs per annum on an ongoing basis. This would generate \$3.5m in direct output per year and \$1.4m in industry value added per year.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 10 indirect local jobs per year and generate \$793.3k in indirect industry value added per year off the back of \$1.4m in output.

The total estimated annual impact is 30 local jobs, \$4.9m in output and \$2.2m in value added.

#### Operational phase

Hobart City - Modelling the annual effect (Inflation adjusted) of:

- adding 20 jobs in Sports and Recreation Activities

Economic measure	Output (\$m)	Value- added (\$m)	Local jobs	Residents jobs
Impacts on Hobart City economy.	-	1 1	-	
Direct impact on selected sector(s)	3.48	1.43	20	77.
Industrial impact	1.05	0.57	7	
Consumption impact	0.39	0.22	2	+
Total impact on Hobart City economy	4.92	2.22	30	12
Multipliers		733	. 4	2
Type 1 multiplier (direct and industrial)	1.30	1.40	1.37	
Type 2 multiplier (direct, industrial and consumption)	1.42	1.56	1,48	-
Impact on Tasmania economy	-	1572	-	5
Total impact - Tasmania outside Hobart City	0.56	0.30	3	21
Total impact Tasmania economy	5.48	2.52	33	34
Impact on Australian economy		139	-	-
Total impact outside Tasmania economy	3.63	1.70	12	12
Total impact on Australian economy	9,11	4.22	45	45

Source: National Institute of Economic and Industry Research (WEIR) 02025. Compiled and presented in economy of by Jid (Informed decisions). Note: All 5 values are sepressed in 2022/23 base year dollar ferms.

# Impacts on local jobs

#### **Operational phase**

Stadium Jobs in the Hobart City is estimated to support 20 direct local jobs per annum on an ongoing basis.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 10 indirect local jobs per annum during the operational phase.

The total estimated impact is 30 local jobs per annum.

The table and charts below show a detailed breakdown of how employment will be affected by industry during the operational phase.

#### Employment by industry sector - Operational Phase

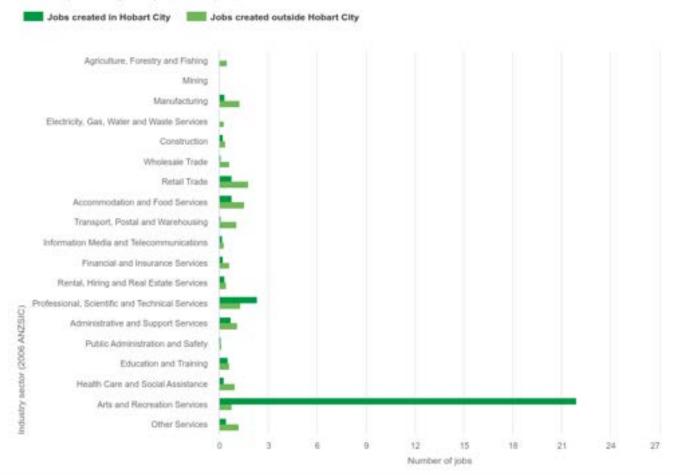
Hobart City - modeling the impact on local jobs, of:

- adding 20 jobs in Sports and Recreation Activities

Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City	Jobs created outside of the Hobart City	Jobs created for the Hobart City residents
Agriculture, Forestry and Fishing	463	0.0	0.5	0.0
Mining	347	0.0	0.1	0.0
Manufacturing	1,008	0.4	1.2	0.2
Electricity, Gas, Water and Waste Services	1,498	0.1	0.3	0.0
Construction	2,967	0.3	0.4	0.1
Wholesale Trade	457	0.1	0.6	0.0
Retail Trade	4,524	0.8	1.8	0.4
Accommodation and Food Services	5,525	0.8	1.5	0.4
Transport, Postal and Warehousing	658	0.1	1.1	0.0
Information Media and Telecommunications	1,512	0.2	0.3	0.1
Financial and Insurance Services	2,437	0.3	0.6	0.1
Rental, Hiring and Real Estate Services	1,009	0.3	0.4	0.1
Professional, Scientific and Technical Services	6,980	2.3	1.3	1.1
Administrative and Support Services	1,503	0.7	1.1	0.2
Public Administration and Safety	10,802	0.1	0.2	0.0
Education and Training	7,326	0.6	0.7	0.4
Health Care and Social Assistance	14,863	0.3	1.0	0.1
Arts and Recreation Services	1,354	21.9	0.8	8.6
Other Services	2,259	0.4	1.2	0.1
Total industries	67.492	30	15	12

#### Employment by industry sector - Operational Phase

Hobart City - modeling the impact on local jobs, of:



# Impacts on value added

#### **Operational phase**

Stadium Jobs in the Hobart City is estimated to generate \$1.4m direct value added per annum on an ongoing basis during the operational phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$793.3k in value-added per annum on an ongoing basis during the operational phase.

The total estimated impact is \$2.2m in value-added per annum during the operational phase of the project.

This table and charts below show a detailed breakdown of value added by industry during the operational phase ofthe project.

#### Value added by industry sector - Operational Phase

Hobart City - modeling the impact on value added, of:

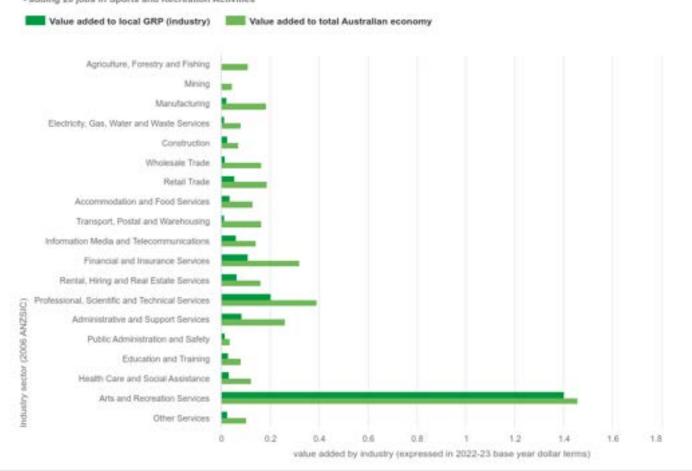
- adding 20 jobs in Sports and Recreation Activities

Industry sector (1-digit ANSIC)	Value Added Sm	Value added \$m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$100.3	\$0.00	+0.00	\$0.11
Mining	\$52.3	\$0.00	+0.00	\$0.04
Manufacturing	\$73.0	\$0.02	+0.03	\$0.19
Electricity, Gas, Water and Waste Services	\$350.9	\$0.01	+0.00	\$0.08
Construction	\$292.3	\$0.03	+0.01	\$0.07
Wholesale Trade	\$61.7	\$0.02	+0.03	\$0.16
Retail Trade	\$323.2	\$0.06	+0.02	\$0.19
Accommodation and Food Services	\$290.2	\$0.04	+0.01	\$0.13
Transport, Postal and Warehousing	\$110.0	\$0.01	+0.01	\$0.16
Information Media and Telecommunications	\$495.1	\$0.06	+0.01	\$0.14
Financial and Insurance Services	\$923.8	\$0.11	+0.01	\$0.32
Rental, Hiring and Real Estate Services	\$212.3	\$0.07	+0.03	\$0.16
Professional, Scientific and Technical Services	\$600.0	\$0.20	+0.03	\$0.39
Administrative and Support Services	\$193.0	\$0.08	+0.04	\$0.26
Public Administration and Safety	\$1,466.4	\$0.02	+0.00	\$0.03
Education and Training	\$780.9	\$0.03	+0.00	\$0.08
Health Care and Social Assistance	\$1,830.4	\$0.03	+0.00	\$0.12
Arts and Recreation Services	\$128.3	\$1.40	+1.09	\$1.46
Other Services	\$130.8	\$0.02	+0.02	\$0.11
Total industries	\$6,502.9	\$2.22	+0.03	\$4.21

Source: National Institute of Economic and Industry Research (NEIR) 02025. Compiled and presented in economy id by .ld (informed decisions), Nate: All \$ values are expressed in 2022/23 base year dollar terms.

#### Value added by industry sector - Operational Phase

Hobart City - modeling the impact on value added, of: - adding 20 jobs in Sports and Recreation Activities



### Impacts on output

#### **Operational phase**

Stadium Jobs in the Hobart City is estimated to generate \$3.5m direct output per annum on an ongoing basis during the operational phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$1.4m in output per annum on an ongoing basis during the operational phase.

The total estimated impact is \$4.9m in output per annum during the operational phase of the project.

## Impacts on resident employment

#### **Operational phase**

The total direct, industrial and consumption effects of the operational phase of the Stadium Jobs in the Hobart City is estimated to support 30 jobs located in the Hobart City.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City's residents. It is estimated that of the 30 jobs created, 12 or 40.0% would be expected to be filled by the Hobart City's residents.

### Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the Stadium Jobs is directly equivalent to the change in value added outlined in the section above.

#### **Operational phase**

GRP in the Hobart City is estimated to increase by \$2.2m per annum during the operational phase of the project.

The effect on the Australian economy (including the Hobart City) is estimated to be a growth in Gross Domestic Product (GDP) of \$4.2m per annum during the operational phase of the project.

### City of Hobart | economic profile



# **Hobart City**

### **Economic Impact Model**

Economic impact modelling enables the Hobart City to explore how changes in employment or output (sales) due to a new project, business or policy will impact on all other sectors of the economy. It does this by using an input-output model derived from the local economy microsimulation model by National Economics (NIEIR) to model the flow-on effects across different industries.

This provides the Hobart City with powerful evidence to advocate against industrial closures or strategically target new industry sectors which are likely to have the greatest positive economic impact.

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### Model input summary

**Project: Stadium Build (Hobart City)** 

**Construction phase - modelling the impact of:** 

- adding \$ 1.13 b in Construction over a 3 years period.

# Economic impact highlights

The economic impacts of Stadium Build are summarised in the infographic below

#### **Construction Phase (over a 3 year period)**



\$ 2.06 b

Output



\$ 645.80 m

Value added



2,026

Local jobs (per year)

(\$ 1.13 b direct + \$ 929.39 m Indirect) (\$ 277.89 m Direct + \$ 367.92 m Indirect) (880 Direct + 1,145 Indirect)

# Summary of impacts

#### **Construction phase**

Stadium Build in the Hobart City is estimated to inject \$1.1b of direct output into the local economy over 3 years. This would lead to an uplift of \$277.9m in direct value added and support 880 direct local jobs per annum during the construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to generate an additional \$929.4m in output, \$367.9m in value-added and support another 1,145 indirect local jobs per year during the construction phase of the project.

The total estimated construction phase local impact is \$2.1b in output, \$645.8m in value-added, and 2,026 local jobs per annum over 3 years.

#### Construction phase (3 year period)

Hobart City - Modelling the impact of: - adding \$1130m in Construction

Economic measure	Output (\$m)	Value- added (\$m)	Local Jobs (annual)	Residents jobs (annual)
Impacts on Hobart City economy	2	723	120	2
Direct impact on selected sector(s)	1,130.00	277,89	880	
Industrial impact	873.35	336.18	1,042	
Consumption impact	56.04	31.74	103	77
Total impact on Hobart City economy	2,059.39	645.80	2,026	672
Multipliers	-	100	-	-
Type 1 multiplier (direct and industrial)	1.77	2.21	2.18	
Type 2 multiplier (direct, industrial and consumption)	1.82	2.32	2.30	-
Impact on Tasmania economy	9) 75	3570		- 5
Total impact - Tasmania outside Hobart City	155.02	83.70	291	1,660
Total impact Tasmania economy	2,214.40	729.50	2,317	2,332
Impact on Australian economy		300	1 1	×
Total impact outside Tasmania economy	1,144.04	532.29	1,154	1,167
Total impact on Australian economy	3,358.45	1,261.79	3,471	3,499

Source: National Institute of Economic and Industry Research (NEIR) 62025. Compiled and presented in economy id by Jd (Informed decisions). Note: All 5 values are expressed in 2022/23 base year dollar terms.

# Impacts on local jobs

#### **Construction phase**

Stadium Build in the Hobart City is estimated to support 880 direct local jobs per annum during the 3 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to support another 0 indirect local jobs per annum during the construction phase.

The total estimated impact is 2,026 local jobs per annum over 3 years.

This table and charts below show a detailed breakdown of how employment will be affected by industry during the construction phase.

#### Employment by industry sector - Construction Phase

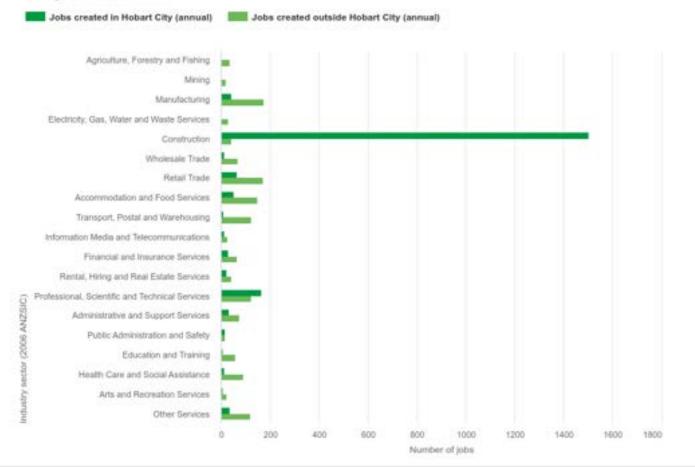
Hobart City - modeling the impact on local jobs, of:

- adding \$1130m in Construction

Industry sector (1-digit ANSIC)	Existing jobs in the Hobart City	Jobs created in the Hobart City (annual)	Jobs created outside of the Hobart City (annual)	Jobs created for the Hobart City residents (annual)
Agriculture, Forestry and Fishing	463	1.4	35.1	1.0
Mining	347	2.1	19.9	1.2
Manufacturing	1,008	42.2	175.9	27.9
Electricity, Gas, Water and Waste Services	1,498	3.4	28,5	1.4
Construction	2,967	1502.2	42.6	432.9
Wholesale Trade	457	12.9	66.0	4.5
Retail Trade	4,524	65.9	172.6	30.2
Accommodation and Food Services	5,525	51.2	147.8	29.8
Transport, Postal and Warehousing	658	10.1	121.2	4.0
Information Media and Telecommunications	1,512	11.3	26.2	3.7
Financial and Insurance Services	2,437	27.6	63.6	7.8
Rental, Hiring and Real Estate Services	1,009	22.0	42.6	10.0
Professional, Scientific and Technical Services	6,980	163.7	122.2	77.5
Administrative and Support Services	1,503	31.1	73.8	9,7
Public Administration and Safety	10,802	15.0	17.5	4.3
Education and Training	7,326	7.7	56.7	6.6
Health Care and Social Assistance	14,863	13.5	90.1	6.7
Arts and Recreation Services	1,354	6.5	22.3	3.4
Other Services	2,259	35.0	118.4	9.2
Total industries	67,492	2.026	1,444	672

#### Employment by industry sector - Construction Phase

Hobart City - modeling the impact on local jobs, of: - adding \$1130m in Construction



# Impacts on value added

#### **Construction phase**

Stadium Build in the Hobart City is estimated to generate \$277.9m direct value added during the 3 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$367.9m in value-added during the construction phase.

The total estimated impact is \$645.8m in value-added over 3 years.

This table and charts below show a detailed breakdown of value added by industry during the construction phase.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of:

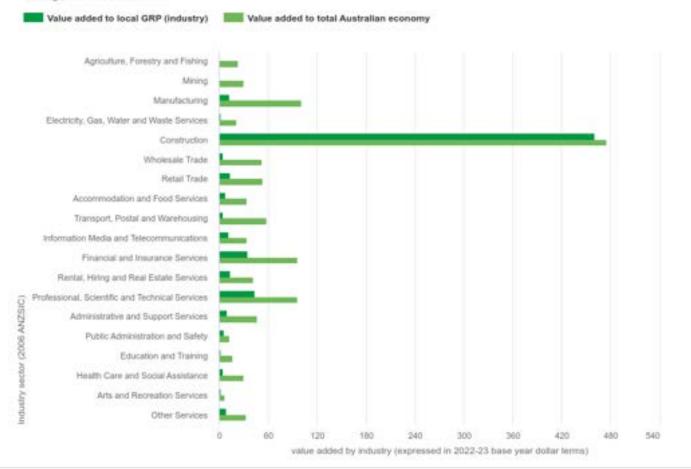
- adding \$1130m in Construction

Industry sector (1-digit ANSIC)	Value Added Sm	Value added \$m to the Hobart City	Percentage change	Value added \$m to Australian economy
Agriculture, Forestry and Fishing	\$100.3	\$1.02	+0.54	\$23.20
Mining	\$52.3	\$1.06	+2.03	\$30.46
Manufacturing	\$73.0	\$12.41	+17.00	\$100.88
Electricity, Gas, Water and Waste Services.	\$350.9	\$2.30	+0.65	\$21.17
Construction	\$292.3	\$460.63	+157.56	\$475.19
Wholesale Trade	\$61.7	\$5.26	+8.54	\$52.14
Retail Trade	\$323.2	\$13.70	+4.24	\$52.91
Accommodation and Food Services	\$290.2	\$7.63	+2.63	\$33.81
Transport, Postal and Warehousing	\$110,0	\$5.02	+4.56	\$58.12
Information Media and Telecommunications	\$495.1	\$11.97	+2.42	\$34.19
Financial and Insurance Services	\$923.8	\$35.35	+3.83	\$96.36
Rental, Hiring and Real Estate Services	\$212.3	\$13.45	+6,34	\$42.03
Professional, Scientific and Technical Services	\$600.0	\$43.15	+7.19	\$96.36
Administrative and Support Services	\$193.0	\$10.04	+5.20	\$46.21
Public Administration and Safety	\$1,466.4	\$5.93	+0.40	\$12.32
Education and Training	\$780.9	\$2.06	+0.27	\$16.17
Health Care and Social Assistance	\$1,830.4	\$4.88	+0.27	\$30.29
Arts and Recreation Services	\$128.3	\$1.51	+1.17	\$6.75
Other Services	\$130.8	\$8.40	+6.42	\$33.09
Total industries	\$8,502.9	\$645.80	+7.60	\$1,261.64

Source: National Institute of Economic and Industry Research (MEIR) 02025. Compiled and presented in economy id by Jd (Informed decisions). Nate: All 5 values are expressed in 2022/23 base year dollar terms.

#### Value added by industry sector - Construction Phase

Hobart City - modeling the impact on value added, of: - adding \$1130m in Construction



### Impacts on output

#### **Construction phase**

Stadium Build in the Hobart City is estimated to generate \$1.1b direct output during the 3 years construction phase of the project.

From this direct expansion in the economy, it is anticipated that there would be flow-on effects into other related intermediate industries as well as increased new employee consumption expenditure. These combined flow-on effects are estimated to be another \$929.4m in output during the construction phase.

The total estimated impact is \$2.1b in output over 3 years.

## Impacts on resident employment

#### **Construction phase**

The combination of all direct, industrial and consumption effects of the construction phase of the Stadium Build in the Hobart City is estimated to support 2,026 jobs.

As some of the Hobart City's residents leave the area to work and residents of other areas enter the Hobart City to work, not all of these jobs will be filled by the Hobart City residents. It is estimated that of the 2,026 jobs created, 672 or 0% would be expected to be filled by the Hobart City residents.

### Impact on GRP

Value added by industry represents the industry component of Gross Regional Product (GRP). The impact on the Hobart City's GRP as a result of the Stadium Build is directly equivalent to the change in value added outlined in the section above.

#### **Construction phase**

The construction of the Stadium Build in the Hobart City is estimated to increase GRP by \$645.8m. The effect of the construction of the Stadium Build in the Hobart City on the Australian economy (including the Hobart City) is estimated to be a growth in GDP of \$1,261.8m.