

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Albany - Custom WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information

Population	35,100
Indigenous population	4%
Region size (sqkm)	299
Postcode (with largest population)	6330
Region type ¹	Custom SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	0

Education enrolments

Higher education (all)	839
Higher education (online only)	395
VET (Cert IV and above, all)	2,210
VET (Cert IV and above, online only)	129



Broader region information (SA3)

Albany

Population ⁸	61,900
Region size (sqkm)	37,888
HE enrolments (all) (2021)	1,258
HE enrolments (online only) (2021)	587

SA2 regions within broader SA3 In-scope?⁹

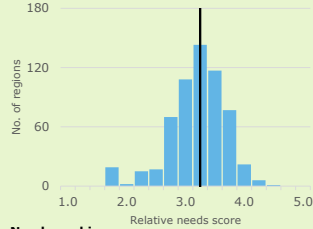
Albany	Yes
Albany Surrounds	No
Bayonet Head - Lower King	Yes
Denmark	No
Gnowangerup	No
Katanning	No
Kojonup	No
Little Grove - Elleker	Yes
McKail - Willyung	Yes
Plantagenet	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score 3.1

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



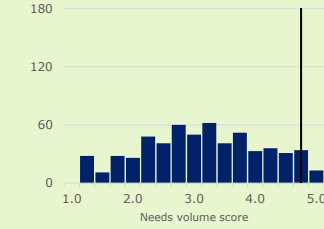
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

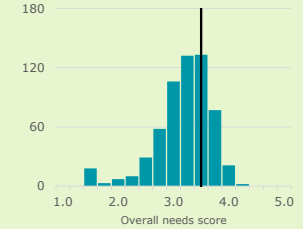
Needs volume score 4.5

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score 3.5

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.2%	-1.0%	Yes
Population size above minimum threshold	35,100	3,000	Yes
Population size below maximum threshold	35,100	50,000	Yes
Year 10 completions above minimum threshold	90.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

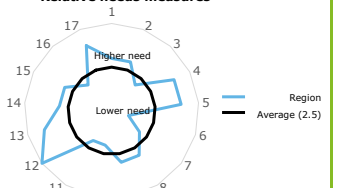
Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.2%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		-1%
4 Average growth in VET enrolments (2017-21)		4%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		27%
7 Proportion of population with a tertiary qualification (2021)		20%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		52%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	21%
11 Average VET completion rate (2017-19)		47%
12 Average VET completion rate for Indigenous learners (2017-21)		83%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		79%
14 Proportion of HE graduates gaining employment (2018-21)		78%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	85%
16 Proportion of HE graduating into relevant employment (2018-2021)		74%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	395
2 Total VET enrolments (Cert IV above and online) (2021)		129
3 Population (aged 15-64) (2021)	Direct latent demand	20,612
4 Population growth (2017-2022)		1.2%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	587
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		210
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	36,570
8 Broader SA3 population growth (2017-22)		0.8%

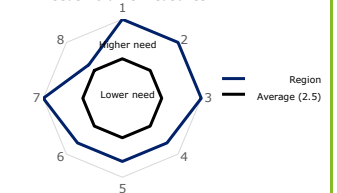
Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.

Relative needs measures



Needs volume measures



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

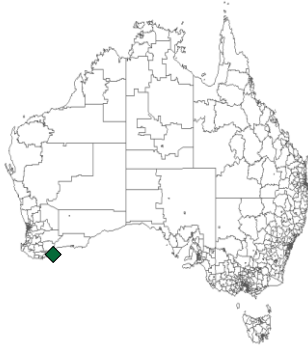
Albany Surrounds
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	3,700
Indigenous population	1%
Region size (sqkm)	4,009
Postcode (with largest population)	6327
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	43

Education enrolments	
Higher education (all)	14
Higher education (online only)	8
VET (Cert IV and above, all)	180
VET (Cert IV and above, online only)	10



Broader region information (SA3)

Albany	
Population ⁸	61,900
Region size (sqkm)	37,888
HE enrolments (all) (2021)	1,258
HE enrolments (online only) (2021)	587

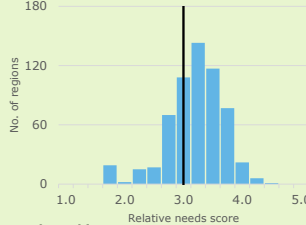
SA2 regions within broader SA3	In-scope? ⁹
Albany	No
Albany Surrounds	Yes
Bayonet Head - Lower King	No
Denmark	No
Gnowangerup	No
Katanning	No
Kojonup	No
Little Grove - Elleker	No
McKail - Willyung	No
Plantagenet	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

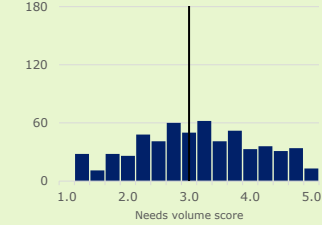
Relative needs score **2.8**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



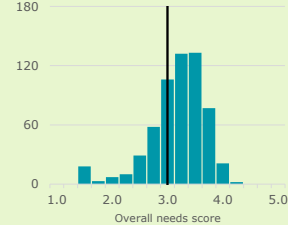
Needs volume score **2.8**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.8**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 191 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.5%	-1.0%	Yes
Population size above minimum threshold	3,700	3,000	Yes
Population size below maximum threshold	3,700	50,000	Yes
Year 10 completions above minimum threshold	92.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	43	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

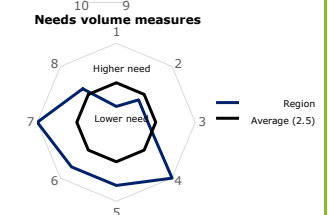
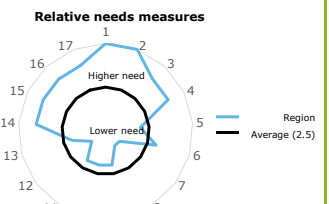
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		0.4%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	4%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	3%
6 Proportion of Indigenous population enrolled in VET (2021)		16%
7 Proportion of population with a tertiary qualification (2021)		23%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		6
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)	experience	52%
12 Average VET completion rate for Indigenous learners (2017-21)		56%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		73%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	80%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	69%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	8
2 Total VET enrolments (Cert IV above and online) (2021)	demand	10
3 Population (aged 15-64) (2021)	Direct latent demand	2,309
4 Population growth (2017-2022)	demand	1.5%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	587
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	210
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	36,570
8 Broader SA3 population growth (2017-22)	demand	0.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

*Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled "Scoping study to inform future locations for Regional University Centres" delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.*

Ashburton (WA)
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	7,400
Indigenous population	10%
Region size (sqkm)	100,827
Postcode (with largest population)	6710
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	118
Higher education (online only)	86
VET (Cert IV and above, all)	405
VET (Cert IV and above, online only)	45



Broader region information (SA3)

West Pilbara	
Population ⁸	29,600
Region size (sqkm)	116,066
HE enrolments (all) (2021)	522
HE enrolments (online only) (2021)	363

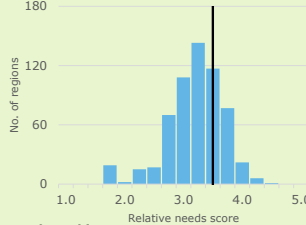
SA2 regions within broader SA3	In-scope? ⁹
Ashburton (WA)	Yes
Karratha	No
Roebourne	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

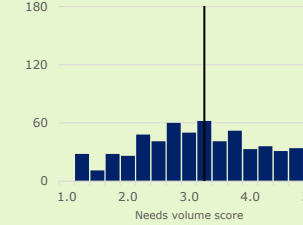
Relative needs score **3.3**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



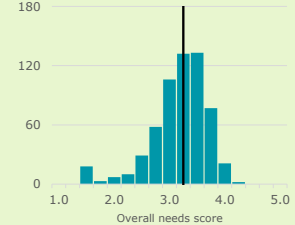
Needs volume score **3.1**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.2**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 3 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

3 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-9.4%	-1.0%	No
Population size above minimum threshold	7,400	3,000	Yes
Population size below maximum threshold	7,400	50,000	Yes
Year 10 completions above minimum threshold	94.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

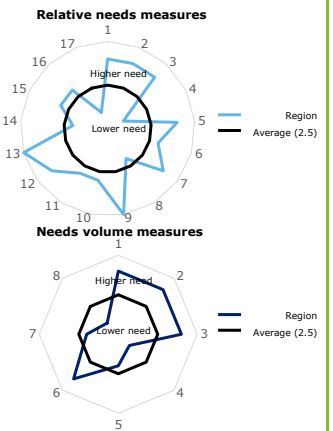
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.6%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		1%
4 Average growth in VET enrolments (2017-21)		-2%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		14%
7 Proportion of population with a tertiary qualification (2021)		14%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		63%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	25%
11 Average VET completion rate (2017-19)		60%
12 Average VET completion rate for Indigenous learners (2017-21)		80%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		69%
14 Proportion of HE graduates gaining employment (2018-21)		79%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	82%
16 Proportion of HE graduating into relevant employment (2018-2021)		71%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	86
2 Total VET enrolments (Cert IV above and online) (2021)	demand	45
3 Population (aged 15-64) (2021)	Direct latent	5,409
4 Population growth (2017-2022)	demand	-9.4%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	363
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	223
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	21,235
8 Broader SA3 population growth (2017-22)	demand	-2.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Ashendon - Lesley
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	0
Indigenous population	NA
Region size (sqkm)	326
Postcode (with largest population)	6111
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	34

Education enrolments	
Higher education (all)	0
Higher education (online only)	0
VET (Cert IV and above, all)	0
VET (Cert IV and above, online only)	0



Broader region information (SA3)

Armadale	
Population ⁸	0
Region size (sqkm)	560
HE enrolments (all) (2021)	0
HE enrolments (online only) (2021)	0

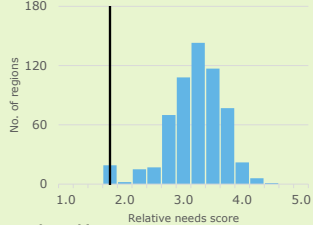
SA2 regions within broader SA3	In-scope? ⁹
Ashendon - Lesley	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

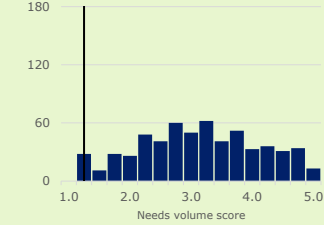
Relative needs score **1.6**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



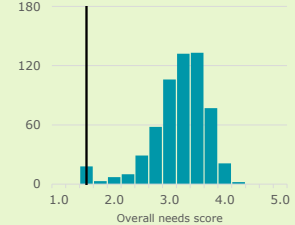
Needs volume score **1.2**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **1.5**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 4 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

4 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.0%	-1.0%	Yes
Population size above minimum threshold	0	3,000	No
Population size below maximum threshold	0	50,000	Yes
Year 10 completions above minimum threshold	0.0%	75.0%	No
Existing RUC or university campus in region ⁴	0	No	No
Nearest campus above minimum distance threshold (km) ⁵	34	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

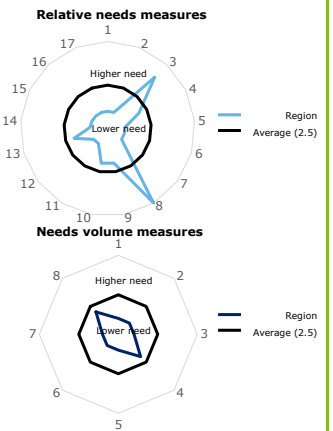
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		100.0%
2 Proportion of population enrolled in VET (2021)		100%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)		0%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	100%
6 Proportion of Indigenous population enrolled in VET (2021)		100%
7 Proportion of population with a tertiary qualification (2021)		100%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		0
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		0%
12 Average VET completion rate for Indigenous learners (2017-21)		0%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		0%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	0
2 Total VET enrolments (Cert IV above and online) (2021)		0
3 Population (aged 15-64) (2021)	Direct latent demand	0
4 Population growth (2017-2022)		0.0%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	0
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		0
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	0
8 Broader SA3 population growth (2017-22)		0.0%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled "Scoping study to inform future locations for Regional University Centres" delivered to the Australian Government Department of Education, Skills and Employment on November 2021. Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Augusta - Margaret River - Busselton

WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information

Population	57,300
Indigenous population	2%
Region size (sqkm)	3,664
Postcode (with largest population)	6284
Region type ¹	SA3
ARIA measure	Inner regional
Distance to nearest campus (km)	71

Education enrolments

Higher education (all)	1,396
Higher education (online only)	445
VET (Cert IV and above, all)	2,980
VET (Cert IV and above, online only)	216



Broader region information (SA3)

Augusta - Margaret River - Busselton

Population ⁸	57,300
Region size (sqkm)	3,664
HE enrolments (all) (2021)	1,396
HE enrolments (online only) (2021)	445

SA2 regions within broader SA3 In-scope?

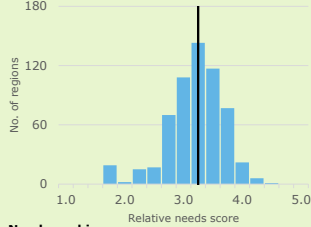
Augusta	Yes
Busselton - East	Yes
Busselton - West	Yes
Busselton Surrounds	Yes
Margaret River	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score 3.0

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



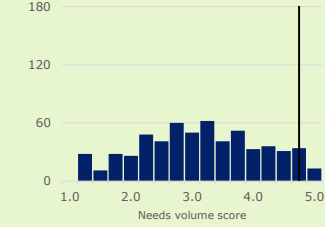
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 1 readiness issue/s identified. Total number of regions is 597.

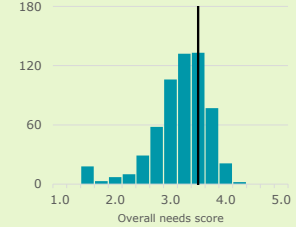
Needs volume score 4.6

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score 3.5

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

1 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	2.6%	-1.0%	Yes
Population size above minimum threshold	57,300	3,000	Yes
Population size below maximum threshold	57,300	50,000	No
Year 10 completions above minimum threshold	92.7%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	71	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

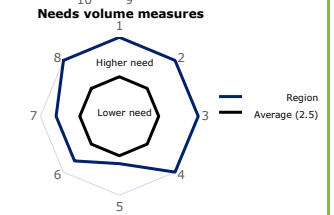
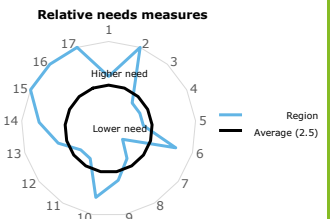
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.3%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		-2%
4 Average growth in VET enrolments (2017-21)	Access and participation	0%
5 Proportion of Indigenous population enrolled in HE (2021)		2%
6 Proportion of Indigenous population enrolled in VET (2021)		13%
7 Proportion of population with a tertiary qualification (2021)		24%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		56%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	29%
11 Average VET completion rate (2017-19)		52%
12 Average VET completion rate for Indigenous learners (2017-21)		70%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		81%
14 Proportion of HE graduates gaining employment (2018-21)		67%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	75%
16 Proportion of HE graduating into relevant employment (2018-2021)		62%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	445
2 Total VET enrolments (Cert IV above and online) (2021)		216
3 Population (aged 15-64) (2021)	Direct latent demand	33,839
4 Population growth (2017-2022)		2.6%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	445
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		216
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,839
8 Broader SA3 population growth (2017-22)		2.6%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Avon Valley National Park
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	0
Indigenous population	NA
Region size (sqkm)	75
Postcode (with largest population)	6084
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	41

Education enrolments	
Higher education (all)	0
Higher education (online only)	0
VET (Cert IV and above, all)	0
VET (Cert IV and above, online only)	0



Broader region information (SA3)

Swan	
Population ⁸	8,400
Region size (sqkm)	1,032
HE enrolments (all) (2021)	387
HE enrolments (online only) (2021)	124

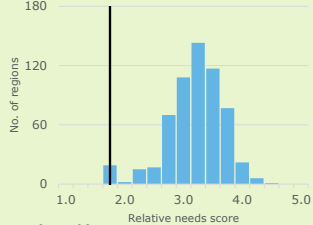
SA2 regions within broader SA3	In-scope ⁹
Avon Valley National Park	Yes
Bullsbrook	No
Gidgegannup	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

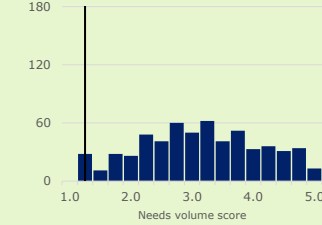
Relative needs score **1.6**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



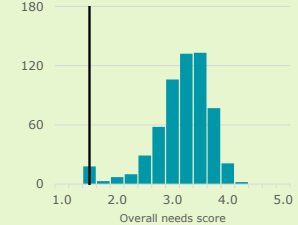
Needs volume score **1.2**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **1.5**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 3 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

3 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.0%	-1.0%	Yes
Population size above minimum threshold	0	3,000	No
Population size below maximum threshold	0	50,000	Yes
Year 10 completions above minimum threshold	0.0%	75.0%	No
Existing RUC or university campus in region ⁴	0	No	No
Nearest campus above minimum distance threshold (km) ⁵	41	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

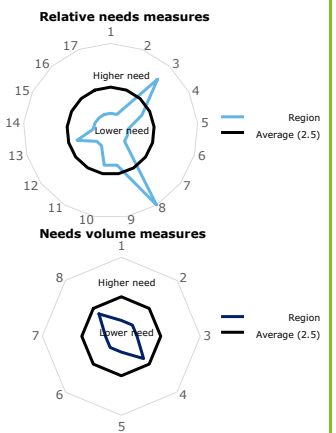
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		100.0%
2 Proportion of population enrolled in VET (2021)		100%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	0%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	100%
6 Proportion of Indigenous population enrolled in VET (2021)		100%
7 Proportion of population with a tertiary qualification (2021)		100%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		0
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)	experience	0%
12 Average VET completion rate for Indigenous learners (2017-21)		0%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	100%
17 Average growth in higher skilled labour demand (2015-22)		0%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	0
2 Total VET enrolments (Cert IV above and online) (2021)	demand	0
3 Population (aged 15-64) (2021)	Direct latent	0
4 Population growth (2017-2022)	demand	0.0%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	0
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	0
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	0
8 Broader SA3 population growth (2017-22)	demand	0.0%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Bridgetown - Boyup Brook
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	7,100
Indigenous population	2%
Region size (sqkm)	4,164
Postcode (with largest population)	6243
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	92

Education enrolments	
Higher education (all)	110
Higher education (online only)	54
VET (Cert IV and above, all)	330
VET (Cert IV and above, online only)	21



Broader region information (SA3)

Manjimup	
Population ⁸	23,900
Region size (sqkm)	15,689
HE enrolments (all) (2021)	368
HE enrolments (online only) (2021)	145

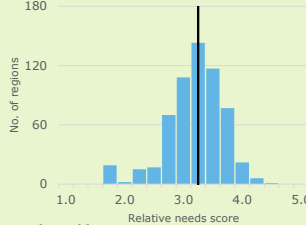
SA2 regions within broader SA3	In-scope ⁹
Bridgetown - Boyup Brook	Yes
Donnybrook - Balingup	No
Manjimup	No
Pemberton	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

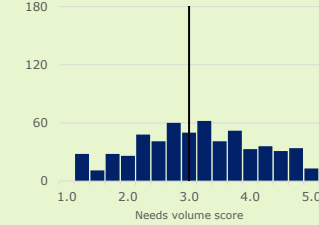
Relative needs score **3.1**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



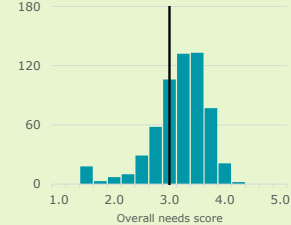
Needs volume score **2.8**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.0**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 144 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	2.6%	-1.0%	Yes
Population size above minimum threshold	7,100	3,000	Yes
Population size below maximum threshold	7,100	50,000	Yes
Year 10 completions above minimum threshold	90.7%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	92	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

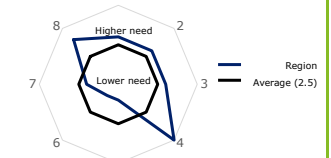
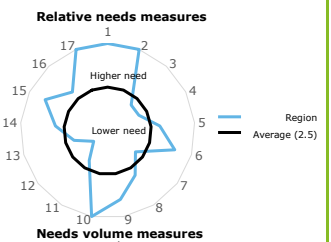
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.5%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		-2%
4 Average growth in VET enrolments (2017-21)		-1%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	2%
6 Proportion of Indigenous population enrolled in VET (2021)		12%
7 Proportion of population with a tertiary qualification (2021)		19%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		57%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	33%
11 Average VET completion rate (2017-19)		53%
12 Average VET completion rate for Indigenous learners (2017-21)		62%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		84%
14 Proportion of HE graduates gaining employment (2018-21)		75%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	79%
16 Proportion of HE graduating into relevant employment (2018-2021)		72%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	54
2 Total VET enrolments (Cert IV above and online) (2021)	demand	21
3 Population (aged 15-64) (2021)	Direct latent	3,966
4 Population growth (2017-2022)	demand	2.6%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	145
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	70
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	13,877
8 Broader SA3 population growth (2017-22)	demand	1.2%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Brookton WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	3,500
Indigenous population	6%
Region size (sqkm)	7,481
Postcode (with largest population)	6306
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	58

Education enrolments	
Higher education (all)	73
Higher education (online only)	22
VET (Cert IV and above, all)	170
VET (Cert IV and above, online only)	15



Broader region information (SA3)

Wheat Belt - South

Population ⁸	19,400
Region size (sqkm)	48,763
HE enrolments (all) (2021)	358
HE enrolments (online only) (2021)	152

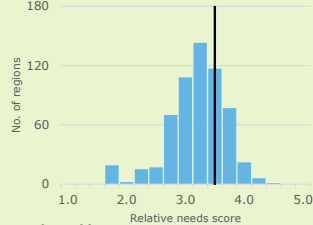
SA2 regions within broader SA3	In-scope? ⁹
Brookton	Yes
Kulin	No
Murray	No
Narrogin	No
Wagin	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.5**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



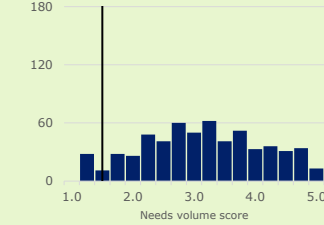
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 193 of 235 regions with no readiness issues identified. Total number of regions is 597.

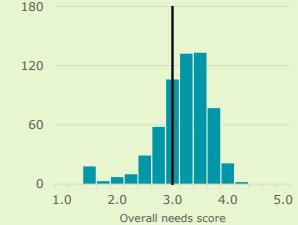
Needs volume score **1.3**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.8**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.9%	-1.0%	Yes
Population size above minimum threshold	3,500	3,000	Yes
Population size below maximum threshold	3,500	50,000	Yes
Year 10 completions above minimum threshold	87.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	58	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

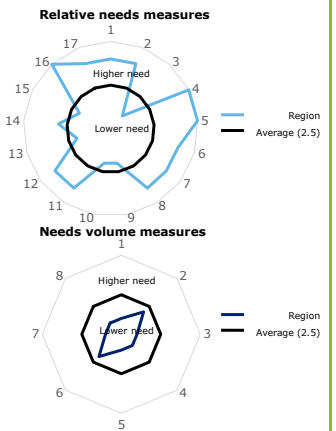
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.6%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		-5%
4 Average growth in VET enrolments (2017-21)	Access and participation	14%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		12%
7 Proportion of population with a tertiary qualification (2021)		14%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		61%
12 Average VET completion rate for Indigenous learners (2017-21)		77%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		77%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	87%
16 Proportion of HE graduating into relevant employment (2018-2021)		55%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	22
2 Total VET enrolments (Cert IV above and online) (2021)		15
3 Population (aged 15-64) (2021)	Direct latent demand	1,970
4 Population growth (2017-2022)		-0.9%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	152
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		86
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	11,459
8 Broader SA3 population growth (2017-22)		-0.7%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Broome WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	14,700
Indigenous population	23%
Region size (sqkm)	50
Postcode (with largest population)	6725
Region type ¹	SA2
ARIA measure	Remote
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	408
Higher education (online only)	226
VET (Cert IV and above, all)	1,190
VET (Cert IV and above, online only)	83



Broader region information (SA3)

Kimberley	
Population ⁸	35,100
Region size (sqkm)	419,245
HE enrolments (all) (2021)	981
HE enrolments (online only) (2021)	568

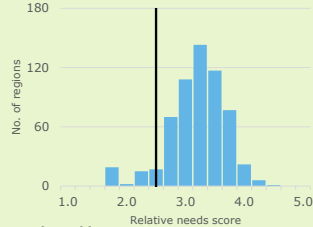
SA2 regions within broader SA3	In-scope? ⁹
Broome	Yes
Derby - West Kimberley	No
Halls Creek	No
Kununurra	No
Roebuck	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score 2.4

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



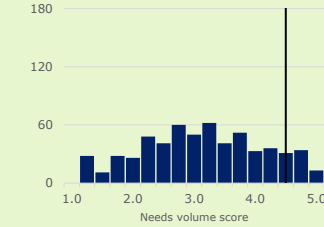
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

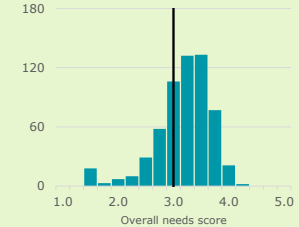
Needs volume score 4.4

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score 3.0

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.3%	-1.0%	Yes
Population size above minimum threshold	14,700	3,000	Yes
Population size below maximum threshold	14,700	50,000	Yes
Year 10 completions above minimum threshold	92.4%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

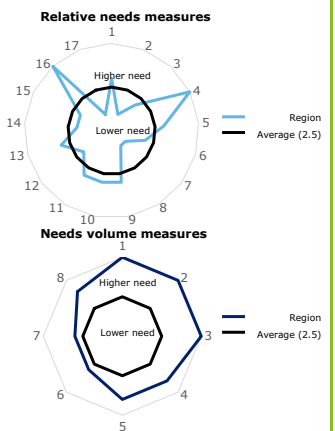
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.5%
2 Proportion of population enrolled in VET (2021)		9%
3 Average growth in HE enrolments (2017-21)		-2%
4 Average growth in VET enrolments (2017-21)	Access and participation	18%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	2%
6 Proportion of Indigenous population enrolled in VET (2021)		19%
7 Proportion of population with a tertiary qualification (2021)		23%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		6
9 Proportion of HE students that complete within 3 years (2018 cohort)		56%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	26%
11 Average VET completion rate (2017-19)	experience	60%
12 Average VET completion rate for Indigenous learners (2017-21)		70%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		82%
14 Proportion of HE graduates gaining employment (2018-21)		84%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	86%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	63%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	226
2 Total VET enrolments (Cert IV above and online) (2021)		83
3 Population (aged 15-64) (2021)	Direct latent demand	10,119
4 Population growth (2017-2022)	demand	1.3%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	568
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	179
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	24,170
8 Broader SA3 population growth (2017-22)	demand	1.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Bullsbrook
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	5,600
Indigenous population	2%
Region size (sqkm)	254
Postcode (with largest population)	6084
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	26

Education enrolments	
Higher education (all)	250
Higher education (online only)	89
VET (Cert IV and above, all)	365
VET (Cert IV and above, online only)	16



Broader region information (SA3)

Swan	
Population ⁸	8,400
Region size (sqkm)	1,032
HE enrolments (all) (2021)	387
HE enrolments (online only) (2021)	124

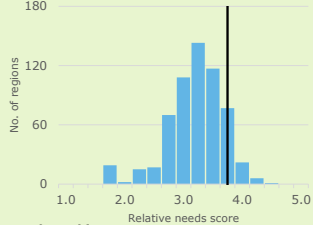
SA2 regions within broader SA3	In-scope? ⁹
Avon Valley National Park	No
Bullsbrook	Yes
Gidgegannup	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

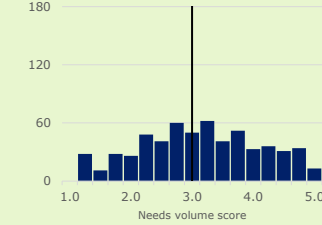
Relative needs score **3.5**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



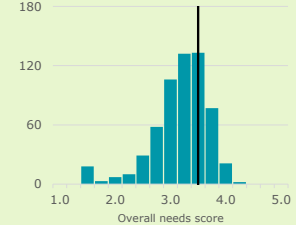
Needs volume score **2.8**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.3**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 1 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

1 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	2.1%	-1.0%	Yes
Population size above minimum threshold	5,600	3,000	Yes
Population size below maximum threshold	5,600	50,000	Yes
Year 10 completions above minimum threshold	91.6%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	26	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

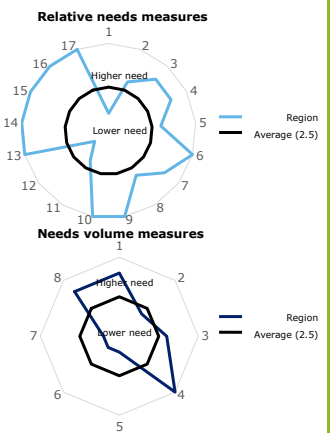
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		4.4%
2 Proportion of population enrolled in VET (2021)		7%
3 Average growth in HE enrolments (2017-21)		1%
4 Average growth in VET enrolments (2017-21)	Access and participation	6%
5 Proportion of Indigenous population enrolled in HE (2021)		2%
6 Proportion of Indigenous population enrolled in VET (2021)		10%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		64%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	38%
11 Average VET completion rate (2017-19)		51%
12 Average VET completion rate for Indigenous learners (2017-21)		58%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		76%
14 Proportion of HE graduates gaining employment (2018-21)	Transition and outcomes	49%
15 Proportion of HE graduates continuing further study (2018-21)		59%
16 Proportion of HE graduating into relevant employment (2018-2021)		41%
17 Average growth in higher skilled labour demand (2015-22)		5%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	89
2 Total VET enrolments (Cert IV above and online) (2021)	demand	16
3 Population (aged 15-64) (2021)	Direct latent	3,781
4 Population growth (2017-2022)	demand	2.1%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	124
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	27
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	5,692
8 Broader SA3 population growth (2017-22)	demand	1.1%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Bunbury
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	107,600
Indigenous population	3%
Region size (sqkm)	5,450
Postcode (with largest population)	6226
Region type ¹	SA3
ARIA measure	Inner regional
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	2,556
Higher education (online only)	490
VET (Cert IV and above, all)	6,855
VET (Cert IV and above, online only)	392



Broader region information (SA3)

Bunbury	
Population ⁸	107,600
Region size (sqkm)	5,450
HE enrolments (all) (2021)	2,556
HE enrolments (online only) (2021)	490

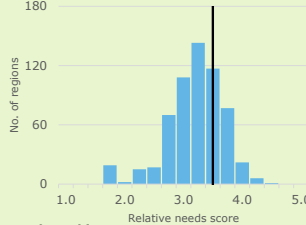
SA2 regions within broader SA3	In-scope? ⁹
Australind - Leschenault	Yes
Capel	Yes
College Grove - Carey Park	Yes
Collie	Yes
Dalyellup	Yes
Dardanup	Yes
Davenport	Yes
East Bunbury - Glen Iris	Yes
Eaton - Pelican Point	Yes
Gelorup - Stratham	Yes
Harvey	Yes
South Bunbury - Bunbury	Yes
Waroona	Yes
Withers - Usher	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

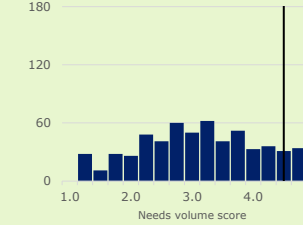
Relative needs score **3.3**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



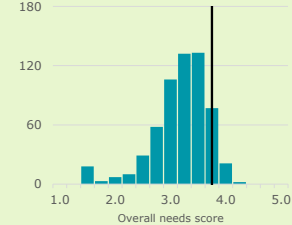
Needs volume score **4.5**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.7**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 3 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

3 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.0%	-1.0%	Yes
Population size above minimum threshold	107,600	3,000	Yes
Population size below maximum threshold	107,600	50,000	No
Year 10 completions above minimum threshold	90.4%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

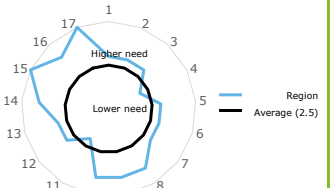
Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.4%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	0%
5 Proportion of Indigenous population enrolled in HE (2021)		2%
6 Proportion of Indigenous population enrolled in VET (2021)		17%
7 Proportion of population with a tertiary qualification (2021)		17%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		58%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	29%
11 Average VET completion rate (2017-19)		51%
12 Average VET completion rate for Indigenous learners (2017-21)		76%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		81%
14 Proportion of HE graduates gaining employment (2018-21)		68%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	75%
16 Proportion of HE graduating into relevant employment (2018-2021)		66%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	490
2 Total VET enrolments (Cert IV above and online) (2021)		392
3 Population (aged 15-64) (2021)	Direct latent demand	66,613
4 Population growth (2017-2022)		1.0%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	490
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		392
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	66,613
8 Broader SA3 population growth (2017-22)		1.0%

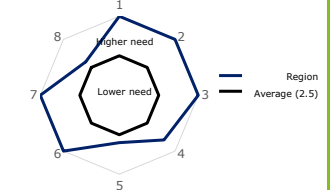
Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.

Relative needs measures



Needs volume measures



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Carnarvon
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,900
Indigenous population	17%
Region size (sqkm)	78
Postcode (with largest population)	6701
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	405

Education enrolments	
Higher education (all)	69
Higher education (online only)	39
VET (Cert IV and above, all)	300
VET (Cert IV and above, online only)	28



Broader region information (SA3)

Gascoyne	
Population ⁸	9,500
Region size (sqkm)	135,065
HE enrolments (all) (2021)	130
HE enrolments (online only) (2021)	82

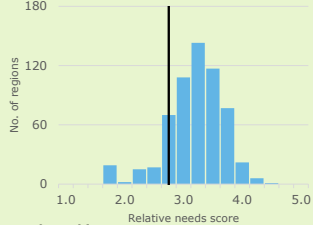
SA2 regions within broader SA3	In-scope? ⁹
Carnarvon	Yes
Exmouth	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

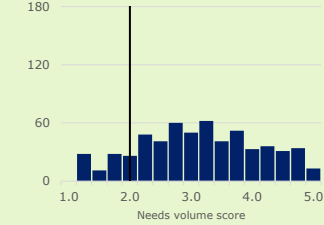
Relative needs score **2.6**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



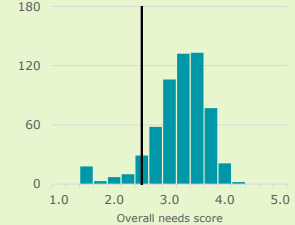
Needs volume score **1.8**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.4**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 233 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.5%	-1.0%	Yes
Population size above minimum threshold	4,900	3,000	Yes
Population size below maximum threshold	4,900	50,000	Yes
Year 10 completions above minimum threshold	83.9%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	405	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

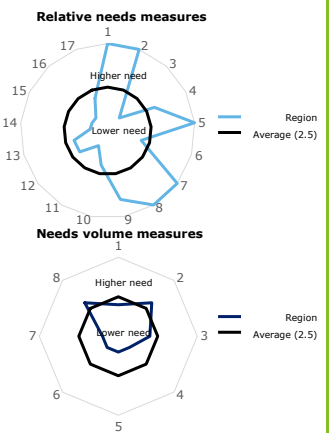
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.2%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		-11%
4 Average growth in VET enrolments (2017-21)		1%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		20%
7 Proportion of population with a tertiary qualification (2021)		13%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		2
9 Proportion of HE students that complete within 3 years (2018 cohort)		60%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	20%
11 Average VET completion rate (2017-19)		34%
12 Average VET completion rate for Indigenous learners (2017-21)		63%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	39
2 Total VET enrolments (Cert IV above and online) (2021)	demand	28
3 Population (aged 15-64) (2021)	Direct latent demand	3,130
4 Population growth (2017-2022)	demand	-0.5%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	82
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	56
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	6,336
8 Broader SA3 population growth (2017-22)	demand	0.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Chidlow
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,600
Indigenous population	14%
Region size (sqkm)	168
Postcode (with largest population)	6556
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	42

Education enrolments	
Higher education (all)	89
Higher education (online only)	29
VET (Cert IV and above, all)	420
VET (Cert IV and above, online only)	18



Broader region information (SA3)

Mundaring	
Population ⁸	4,600
Region size (sqkm)	685
HE enrolments (all) (2021)	89
HE enrolments (online only) (2021)	29

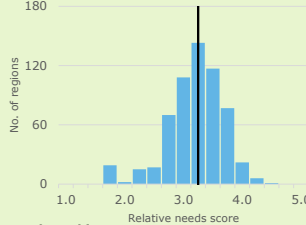
SA2 regions within broader SA3	In-scope? ⁹
Chidlow	Yes
Malmalling - Reservoir	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

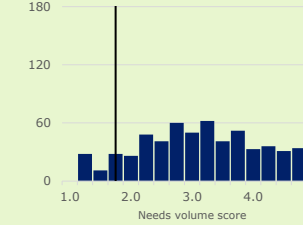
Relative needs score **3.1**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



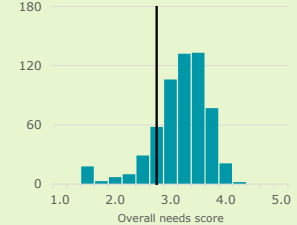
Needs volume score **1.7**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.6**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 213 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.7%	-1.0%	Yes
Population size above minimum threshold	4,600	3,000	Yes
Population size below maximum threshold	4,600	50,000	Yes
Year 10 completions above minimum threshold	91.4%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	42	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

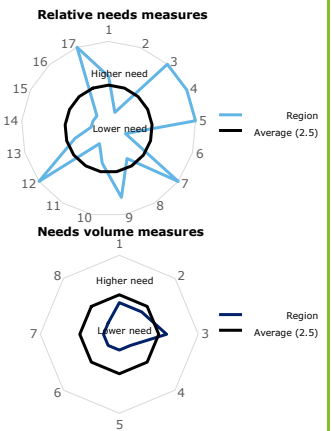
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.1%
2 Proportion of population enrolled in VET (2021)		9%
3 Average growth in HE enrolments (2017-21)		3%
4 Average growth in VET enrolments (2017-21)		7%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	0%
6 Proportion of Indigenous population enrolled in VET (2021)		51%
7 Proportion of population with a tertiary qualification (2021)		13%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		61%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	18%
11 Average VET completion rate (2017-19)		42%
12 Average VET completion rate for Indigenous learners (2017-21)		92%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		5%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	29
2 Total VET enrolments (Cert IV above and online) (2021)	demand	18
3 Population (aged 15-64) (2021)	Direct latent demand	3,679
4 Population growth (2017-2022)	demand	-0.7%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	29
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	18
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	3,686
8 Broader SA3 population growth (2017-22)	demand	-0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Chittering
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	5,900
Indigenous population	3%
Region size (sqkm)	1,220
Postcode (with largest population)	6084
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	50

Education enrolments	
Higher education (all)	300
Higher education (online only)	103
VET (Cert IV and above, all)	325
VET (Cert IV and above, online only)	20



Broader region information (SA3)

Wheat Belt - North	
Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

SA2 regions within broader SA3	In-scope ⁹
Chittering	Yes
Cunderdin	No
Dowerin	No
Gingin - Dandaragan	No
Merredin	No
Moora	No
Mukinbudin	No
Northam	No
Toodyay	No
York - Beverley	No

Additional notes:

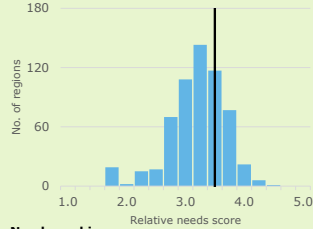
1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

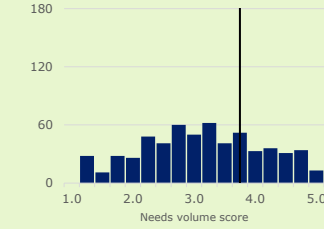
Relative needs score **3.4**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



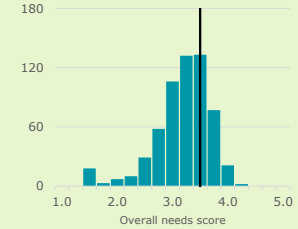
Needs volume score **3.6**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.5**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 39 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	2.3%	-1.0%	Yes
Population size above minimum threshold	5,900	3,000	Yes
Population size below maximum threshold	5,900	50,000	Yes
Year 10 completions above minimum threshold	91.2%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	50	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

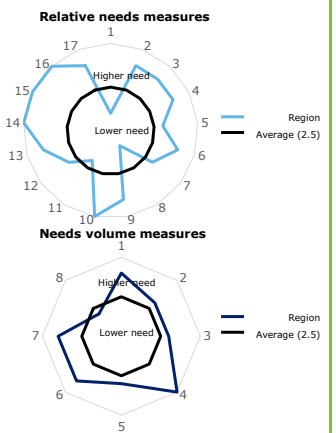
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		5.0%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	6%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	2%
6 Proportion of Indigenous population enrolled in VET (2021)		12%
7 Proportion of population with a tertiary qualification (2021)		16%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		6
9 Proportion of HE students that complete within 3 years (2018 cohort)		60%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	35%
11 Average VET completion rate (2017-19)	experience	53%
12 Average VET completion rate for Indigenous learners (2017-21)		75%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		78%
14 Proportion of HE graduates gaining employment (2018-21)		52%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	62%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	49%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	103
2 Total VET enrolments (Cert IV above and online) (2021)	demand	20
3 Population (aged 15-64) (2021)	Direct latent demand	3,791
4 Population growth (2017-2022)	demand	2.3%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)	demand	0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Cunderdin
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	3,800
Indigenous population	6%
Region size (sqkm)	6,896
Postcode (with largest population)	6383
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	77

Education enrolments	
Higher education (all)	60
Higher education (online only)	23
VET (Cert IV and above, all)	185
VET (Cert IV and above, online only)	12



Broader region information (SA3)

Wheat Belt - North

Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

SA2 regions within broader SA3	In-scope? ⁹
Chittering	No
Cunderdin	Yes
Dowerin	No
Gingin - Dandaragan	No
Merredin	No
Moora	No
Mukinbudin	No
Northam	No
Toodyay	No
York - Beverley	No

Additional notes:

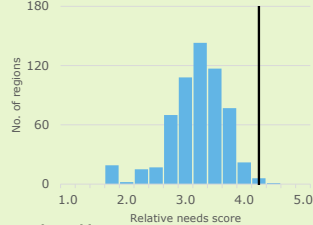
- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **4.1**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



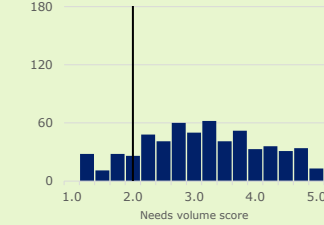
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 45 of 235 regions with no readiness issues identified. Total number of regions is 597.

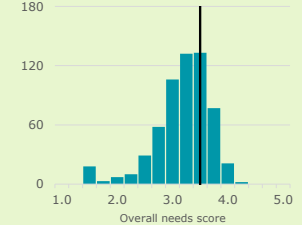
Needs volume score **1.9**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.5**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.9%	-1.0%	Yes
Population size above minimum threshold	3,800	3,000	Yes
Population size below maximum threshold	3,800	50,000	Yes
Year 10 completions above minimum threshold	86.5%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	77	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

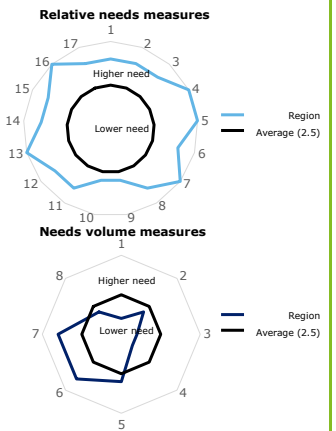
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.6%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	15%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		11%
7 Proportion of population with a tertiary qualification (2021)		11%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		54%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	25%
11 Average VET completion rate (2017-19)	experience	62%
12 Average VET completion rate for Indigenous learners (2017-21)		80%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		75%
14 Proportion of HE graduates gaining employment (2018-21)		70%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	78%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	59%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	23
2 Total VET enrolments (Cert IV above and online) (2021)	demand	12
3 Population (aged 15-64) (2021)	Direct latent demand	2,222
4 Population growth (2017-2022)	demand	-0.9%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)	demand	0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Denmark
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	6,300
Indigenous population	1%
Region size (sqkm)	1,860
Postcode (with largest population)	6333
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	70

Education enrolments	
Higher education (all)	128
Higher education (online only)	50
VET (Cert IV and above, all)	290
VET (Cert IV and above, online only)	15



Broader region information (SA3)

Albany	
Population ⁸	61,900
Region size (sqkm)	37,888
HE enrolments (all) (2021)	1,258
HE enrolments (online only) (2021)	587

SA2 regions within broader SA3	In-scope? ⁹
Albany	No
Albany Surrounds	No
Bayonet Head - Lower King	No
Denmark	Yes
Gnowangerup	No
Katanning	No
Kojonup	No
Little Grove - Elleker	No
McKail - Willyung	No
Plantagenet	No

Additional notes:

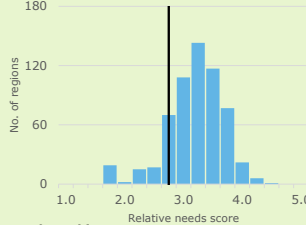
1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

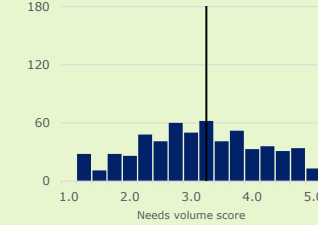
Relative needs score **2.7**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



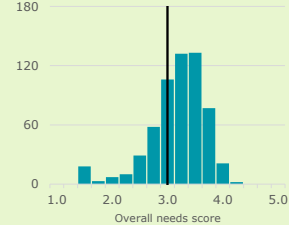
Needs volume score **3.0**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.8**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 194 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.2%	-1.0%	Yes
Population size above minimum threshold	6,300	3,000	Yes
Population size below maximum threshold	6,300	50,000	Yes
Year 10 completions above minimum threshold	92.5%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	70	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

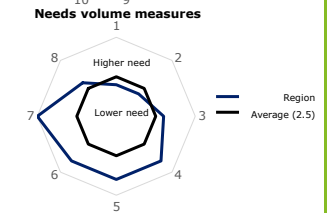
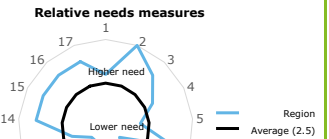
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.1%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		1%
4 Average growth in VET enrolments (2017-21)	Access and participation	2%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	3%
6 Proportion of Indigenous population enrolled in VET (2021)		14%
7 Proportion of population with a tertiary qualification (2021)		28%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		52%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	28%
11 Average VET completion rate (2017-19)	experience	42%
12 Average VET completion rate for Indigenous learners (2017-21)		55%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		83%
14 Proportion of HE graduates gaining employment (2018-21)		73%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	80%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	69%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	50
2 Total VET enrolments (Cert IV above and online) (2021)	demand	15
3 Population (aged 15-64) (2021)	Direct latent demand	3,490
4 Population growth (2017-2022)	demand	1.2%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	587
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	210
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	36,570
8 Broader SA3 population growth (2017-22)	demand	0.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Derby - West Kimberley
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	7,000
Indigenous population	61%
Region size (sqkm)	110,799
Postcode (with largest population)	6728
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	269

Education enrolments	
Higher education (all)	68
Higher education (online only)	39
VET (Cert IV and above, all)	425
VET (Cert IV and above, online only)	30



Broader region information (SA3)

Kimberley	
Population ⁸	35,100
Region size (sqkm)	419,245
HE enrolments (all) (2021)	981
HE enrolments (online only) (2021)	568

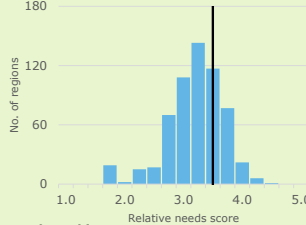
SA2 regions within broader SA3	In-scope? ⁹
Broome	No
Derby - West Kimberley	Yes
Halls Creek	No
Kununurra	No
Roebuck	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

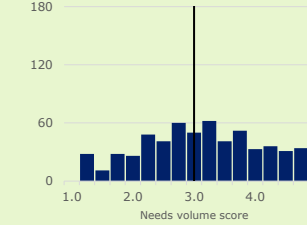
Relative needs score **3.4**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



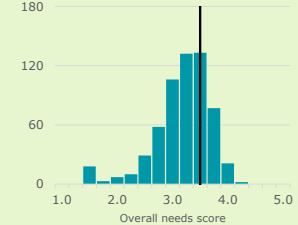
Needs volume score **3.0**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.3**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 86 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.3%	-1.0%	Yes
Population size above minimum threshold	7,000	3,000	Yes
Population size below maximum threshold	7,000	50,000	Yes
Year 10 completions above minimum threshold	82.2%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	269	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

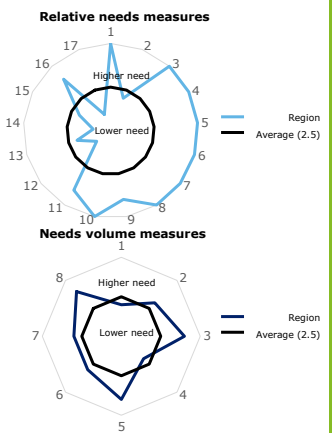
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.1%
2 Proportion of population enrolled in VET (2021)		8%
3 Average growth in HE enrolments (2017-21)		4%
4 Average growth in VET enrolments (2017-21)		21%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		7%
7 Proportion of population with a tertiary qualification (2021)		10%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		1
9 Proportion of HE students that complete within 3 years (2018 cohort)		61%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	36%
11 Average VET completion rate (2017-19)		64%
12 Average VET completion rate for Indigenous learners (2017-21)		61%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		86%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	88%
16 Proportion of HE graduating into relevant employment (2018-2021)		68%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	39
2 Total VET enrolments (Cert IV above and online) (2021)	demand	30
3 Population (aged 15-64) (2021)	Direct latent	4,870
4 Population growth (2017-2022)	demand	0.3%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	568
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	179
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	24,170
8 Broader SA3 population growth (2017-22)	demand	1.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled "Scoping study to inform future locations for Regional University Centres" delivered to the Australian Government Department of Education, Skills and Employment on November 2021." Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Donnybrook - Balingup
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	6,200
Indigenous population	2%
Region size (sqkm)	1,560
Postcode (with largest population)	6239
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	45

Education enrolments	
Higher education (all)	92
Higher education (online only)	30
VET (Cert IV and above, all)	315
VET (Cert IV and above, online only)	21



Broader region information (SA3)

Manjimup	
Population ⁸	23,900
Region size (sqkm)	15,689
HE enrolments (all) (2021)	368
HE enrolments (online only) (2021)	145

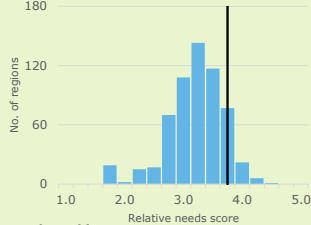
SA2 regions within broader SA3	In-scope? ⁹
Bridgetown - Boyup Brook	No
Donnybrook - Balingup	Yes
Manjimup	No
Pemberton	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

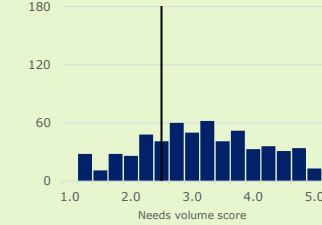
Relative needs score **3.6**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



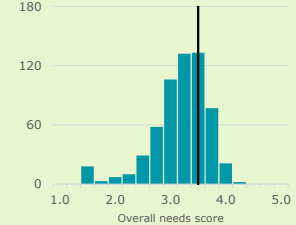
Needs volume score **2.5**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.3**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 82 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.2%	-1.0%	Yes
Population size above minimum threshold	6,200	3,000	Yes
Population size below maximum threshold	6,200	50,000	Yes
Year 10 completions above minimum threshold	88.8%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	45	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

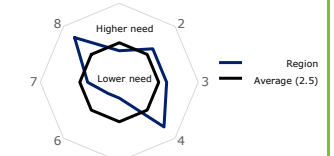
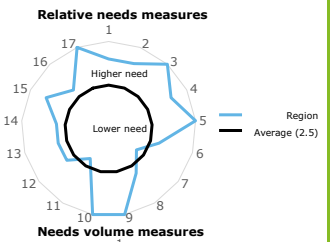
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.8%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		3%
4 Average growth in VET enrolments (2017-21)		4%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		14%
7 Proportion of population with a tertiary qualification (2021)		20%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		63%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	34%
11 Average VET completion rate (2017-19)		50%
12 Average VET completion rate for Indigenous learners (2017-21)		73%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		80%
14 Proportion of HE graduates gaining employment (2018-21)		75%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	79%
16 Proportion of HE graduating into relevant employment (2018-2021)		72%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	30
2 Total VET enrolments (Cert IV above and online) (2021)		21
3 Population (aged 15-64) (2021)	Direct latent demand	3,579
4 Population growth (2017-2022)		1.2%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	145
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		70
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	13,877
8 Broader SA3 population growth (2017-22)		1.2%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Dowerin WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	3,800
Indigenous population	5%
Region size (sqkm)	11,490
Postcode (with largest population)	6460
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	46
Higher education (online only)	24
VET (Cert IV and above, all)	170
VET (Cert IV and above, online only)	10



Broader region information (SA3)

Wheat Belt - North	
Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

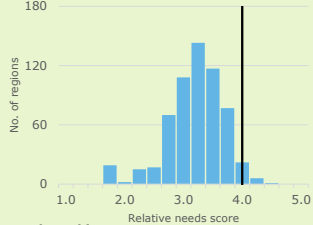
SA2 regions within broader SA3	In-scope ⁹ ?
Chittering	No
Cunderdin	No
Dowerin	Yes
Gingin - Dandaragan	No
Merredin	No
Moora	No
Mukinbudin	No
Northam	No
Toodyay	No
York - Beverley	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.9**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



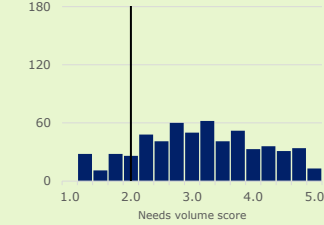
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

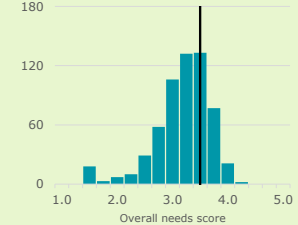
Needs volume score **1.9**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.3**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.6%	-1.0%	Yes
Population size above minimum threshold	3,800	3,000	Yes
Population size below maximum threshold	3,800	50,000	Yes
Year 10 completions above minimum threshold	89.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

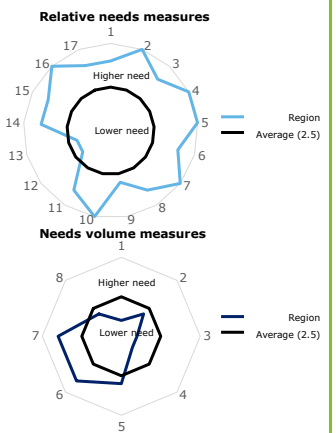
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.6%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	12%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		12%
7 Proportion of population with a tertiary qualification (2021)		12%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		52%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	43%
11 Average VET completion rate (2017-19)	experience	63%
12 Average VET completion rate for Indigenous learners (2017-21)		68%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		70%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	78%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	59%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	24
2 Total VET enrolments (Cert IV above and online) (2021)	demand	10
3 Population (aged 15-64) (2021)	Direct latent demand	2,157
4 Population growth (2017-2022)	demand	-0.6%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)	demand	0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

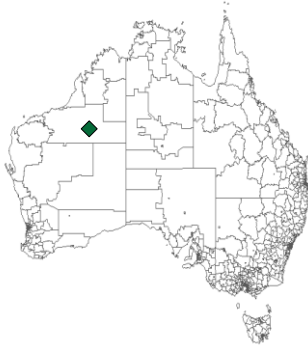
East Pilbara
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	5,900
Indigenous population	23%
Region size (sqkm)	390,578
Postcode (with largest population)	6753
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	357

Education enrolments	
Higher education (all)	80
Higher education (online only)	50
VET (Cert IV and above, all)	55
VET (Cert IV and above, online only)	3



Broader region information (SA3)

East Pilbara	
Population ⁸	25,400
Region size (sqkm)	390,712
HE enrolments (all) (2021)	398
HE enrolments (online only) (2021)	262

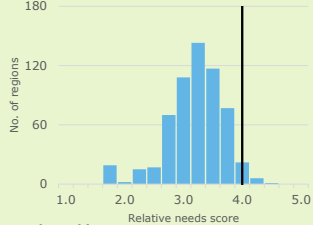
SA2 regions within broader SA3	In-scope? ⁹
East Pilbara	Yes
Newman	No
Port Hedland	No
South Hedland	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

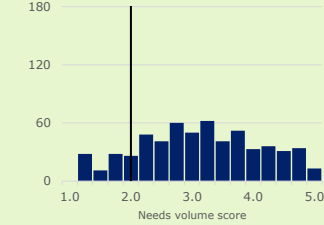
Relative needs score **3.8**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



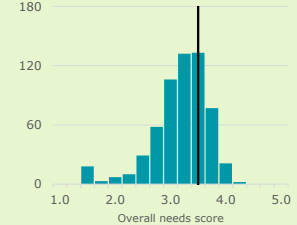
Needs volume score **2.0**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.3**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 1 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

1 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-1.7%	-1.0%	No
Population size above minimum threshold	5,900	3,000	Yes
Population size below maximum threshold	5,900	50,000	Yes
Year 10 completions above minimum threshold	90.2%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	357	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

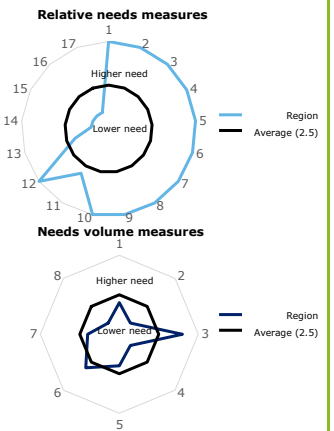
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.3%
2 Proportion of population enrolled in VET (2021)		1%
3 Average growth in HE enrolments (2017-21)		3%
4 Average growth in VET enrolments (2017-21)		12%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	0%
6 Proportion of Indigenous population enrolled in VET (2021)		3%
7 Proportion of population with a tertiary qualification (2021)		11%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		1
9 Proportion of HE students that complete within 3 years (2018 cohort)		65%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	39%
11 Average VET completion rate (2017-19)		60%
12 Average VET completion rate for Indigenous learners (2017-21)		82%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	50
2 Total VET enrolments (Cert IV above and online) (2021)	demand	3
3 Population (aged 15-64) (2021)	Direct latent	5,184
4 Population growth (2017-2022)	demand	-1.7%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	262
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	171
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	19,094
8 Broader SA3 population growth (2017-22)	demand	-0.1%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Esperance Surrounds
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,000
Indigenous population	3%
Region size (sqkm)	55,181
Postcode (with largest population)	6346
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	286

Education enrolments	
Higher education (all)	34
Higher education (online only)	19
VET (Cert IV and above, all)	175
VET (Cert IV and above, online only)	19



Broader region information (SA3)

Esperance	
Population ⁸	16,000
Region size (sqkm)	55,661
HE enrolments (all) (2021)	275
HE enrolments (online only) (2021)	117

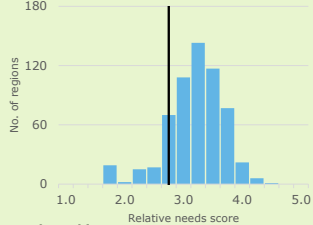
SA2 regions within broader SA3	In-scope? ⁹
Esperance	No
Esperance Surrounds	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

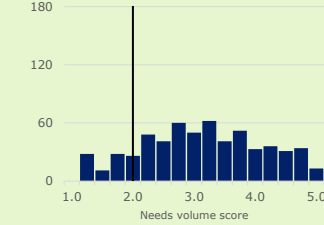
Relative needs score **2.7**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



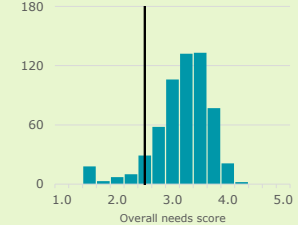
Needs volume score **2.0**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.5**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 223 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.1%	-1.0%	Yes
Population size above minimum threshold	4,000	3,000	Yes
Population size below maximum threshold	4,000	50,000	Yes
Year 10 completions above minimum threshold	90.4%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	286	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

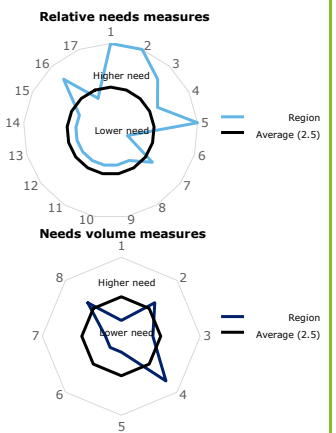
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		0.8%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	2%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	0%
6 Proportion of Indigenous population enrolled in VET (2021)		44%
7 Proportion of population with a tertiary qualification (2021)		16%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)	experience	44%
12 Average VET completion rate for Indigenous learners (2017-21)		63%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		80%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	85%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	69%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	19
2 Total VET enrolments (Cert IV above and online) (2021)	demand	19
3 Population (aged 15-64) (2021)	Direct latent demand	2,547
4 Population growth (2017-2022)	demand	1.1%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	117
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	58
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	9,797
8 Broader SA3 population growth (2017-22)	demand	0.7%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Esperance
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	12,000
Indigenous population	5%
Region size (sqkm)	480
Postcode (with largest population)	6450
Region type ¹	SA2
ARIA measure	Remote
Distance to nearest campus (km)	340

Education enrolments	
Higher education (all)	241
Higher education (online only)	98
VET (Cert IV and above, all)	700
VET (Cert IV and above, online only)	39



Broader region information (SA3)

Esperance	
Population ⁸	16,000
Region size (sqkm)	55,661
HE enrolments (all) (2021)	275
HE enrolments (online only) (2021)	117

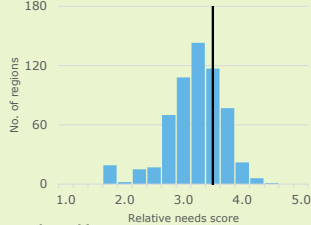
SA2 regions within broader SA3	In-scope? ⁹
Esperance	Yes
Esperance Surrounds	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

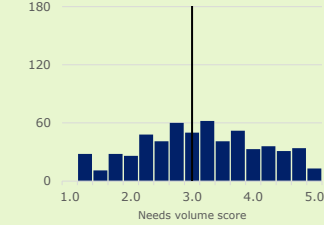
Relative needs score **3.3**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



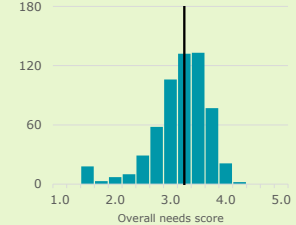
Needs volume score **2.9**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.2**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 111 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.3%	-1.0%	Yes
Population size above minimum threshold	12,000	3,000	Yes
Population size below maximum threshold	12,000	50,000	Yes
Year 10 completions above minimum threshold	89.0%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	340	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

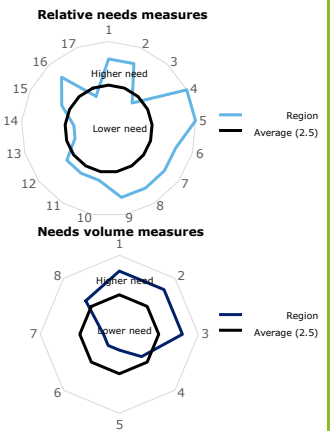
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.9%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		-2%
4 Average growth in VET enrolments (2017-21)		6%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		14%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		59%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	25%
11 Average VET completion rate (2017-19)		55%
12 Average VET completion rate for Indigenous learners (2017-21)		71%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		85%
14 Proportion of HE graduates gaining employment (2018-21)		79%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	85%
16 Proportion of HE graduating into relevant employment (2018-2021)		69%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	98
2 Total VET enrolments (Cert IV above and online) (2021)	demand	39
3 Population (aged 15-64) (2021)	Direct latent	7,250
4 Population growth (2017-2022)	demand	0.3%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	117
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	58
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	9,797
8 Broader SA3 population growth (2017-22)	demand	0.7%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Exmouth
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,700
Indigenous population	6%
Region size (sqkm)	134,986
Postcode (with largest population)	6537
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	299

Education enrolments	
Higher education (all)	61
Higher education (online only)	43
VET (Cert IV and above, all)	230
VET (Cert IV and above, online only)	28



Broader region information (SA3)

Gascoyne	
Population ⁸	9,500
Region size (sqkm)	135,065
HE enrolments (all) (2021)	130
HE enrolments (online only) (2021)	82

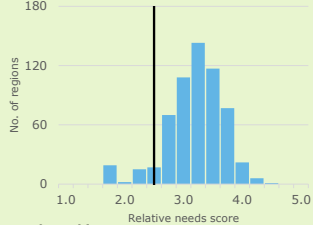
SA2 regions within broader SA3	In-scope? ⁹
Carnarvon	No
Exmouth	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

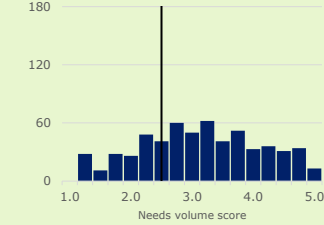
Relative needs score 2.4

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



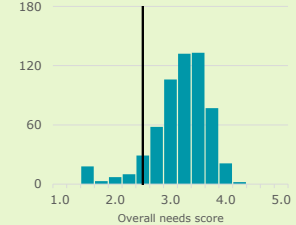
Needs volume score 2.5

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score 2.4

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 228 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	2.0%	-1.0%	Yes
Population size above minimum threshold	4,700	3,000	Yes
Population size below maximum threshold	4,700	50,000	Yes
Year 10 completions above minimum threshold	92.3%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	299	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

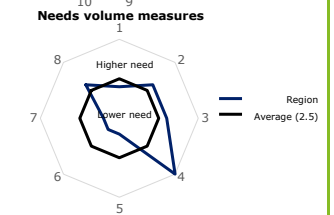
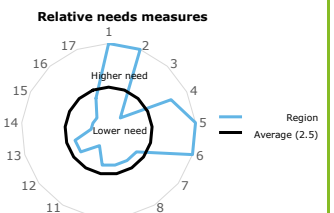
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.1%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		-5%
4 Average growth in VET enrolments (2017-21)		5%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	0%
6 Proportion of Indigenous population enrolled in VET (2021)		9%
7 Proportion of population with a tertiary qualification (2021)		21%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		34%
12 Average VET completion rate for Indigenous learners (2017-21)		69%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	43
2 Total VET enrolments (Cert IV above and online) (2021)		28
3 Population (aged 15-64) (2021)	Direct latent demand	3,206
4 Population growth (2017-2022)		2.0%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	82
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		56
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	6,336
8 Broader SA3 population growth (2017-22)		0.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Geraldton - Custom
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	38,600
Indigenous population	10%
Region size (sqkm)	272
Postcode (with largest population)	6530
Region type ¹	Custom SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	851
Higher education (online only)	398
VET (Cert IV and above, all)	3,110
VET (Cert IV and above, online only)	211



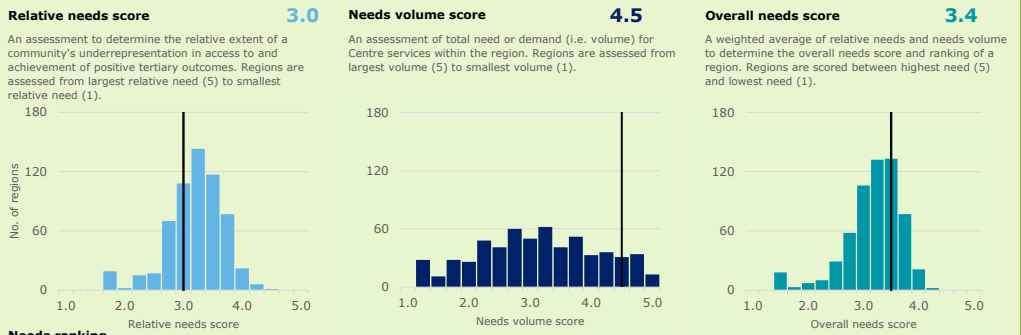
Broader region information (SA3)

Mid West	
Population ⁸	55,000
Region size (sqkm)	466,795
HE enrolments (all) (2021)	1,154
HE enrolments (online only) (2021)	556

SA2 regions within broader SA3	In-scope ⁹ ?
Geraldton	Yes
Geraldton - East	Yes
Geraldton - North	Yes
Geraldton - South	Yes
Irwin	No
Meekatharra	No
Morawa	No
Northampton - Mullewa - Greenough	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.



Needs ranking
Regions that do not have any readiness issues identified are then ranked by the overall needs score.
Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.1%	-1.0%	Yes
Population size above minimum threshold	38,600	3,000	Yes
Population size below maximum threshold	38,600	50,000	Yes
Year 10 completions above minimum threshold	88.8%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

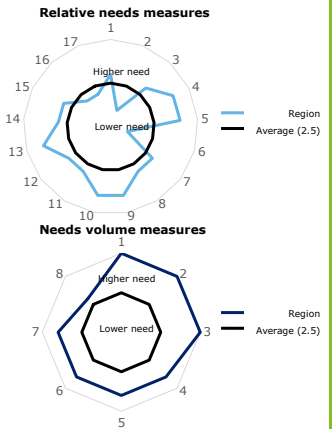
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.2%
2 Proportion of population enrolled in VET (2021)		8%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	5%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		24%
7 Proportion of population with a tertiary qualification (2021)		16%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		57%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	29%
11 Average VET completion rate (2017-19)		55%
12 Average VET completion rate for Indigenous learners (2017-21)		75%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		79%
14 Proportion of HE graduates gaining employment (2018-21)		78%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	85%
16 Proportion of HE graduating into relevant employment (2018-2021)		74%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	398
2 Total VET enrolments (Cert IV above and online) (2021)		211
3 Population (aged 15-64) (2021)	Direct latent demand	24,117
4 Population growth (2017-2022)		1.1%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	556
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		258
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	34,058
8 Broader SA3 population growth (2017-22)		0.5%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Gidgagannup
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	2,800
Indigenous population	2%
Region size (sqkm)	305
Postcode (with largest population)	6083
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	35

Education enrolments	
Higher education (all)	137
Higher education (online only)	35
VET (Cert IV and above, all)	185
VET (Cert IV and above, online only)	11



Broader region information (SA3)

Swan	
Population ⁸	8,400
Region size (sqkm)	1,032
HE enrolments (all) (2021)	387
HE enrolments (online only) (2021)	124

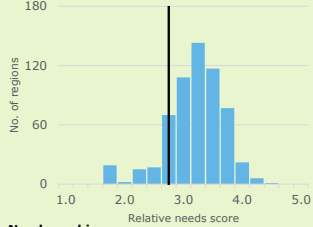
SA2 regions within broader SA3	In-scope? ⁹
Avon Valley National Park	No
Bullsbrook	No
Gidgagannup	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

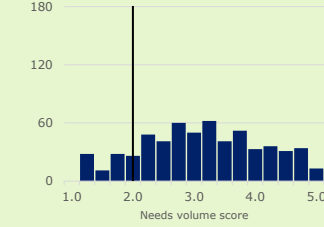
Relative needs score **2.7**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



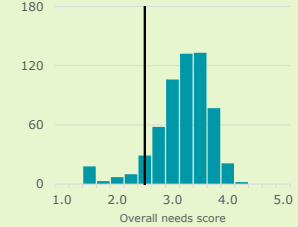
Needs volume score **2.0**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.4**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.2%	-1.0%	Yes
Population size above minimum threshold	2,800	3,000	No
Population size below maximum threshold	2,800	50,000	Yes
Year 10 completions above minimum threshold	93.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	35	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

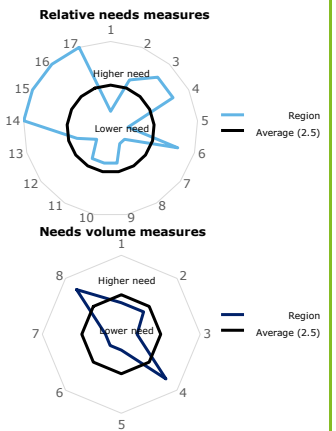
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		4.8%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		1%
4 Average growth in VET enrolments (2017-21)	Access and participation	4%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	6%
6 Proportion of Indigenous population enrolled in VET (2021)		11%
7 Proportion of population with a tertiary qualification (2021)		25%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		8
9 Proportion of HE students that complete within 3 years (2018 cohort)		47%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	17%
11 Average VET completion rate (2017-19)	experience	48%
12 Average VET completion rate for Indigenous learners (2017-21)		0%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		86%
14 Proportion of HE graduates gaining employment (2018-21)		47%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	62%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	41%
17 Average growth in higher skilled labour demand (2015-22)		5%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	35
2 Total VET enrolments (Cert IV above and online) (2021)	demand	11
3 Population (aged 15-64) (2021)	Direct latent demand	1,911
4 Population growth (2017-2022)	demand	1.2%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	124
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	27
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	5,692
8 Broader SA3 population growth (2017-22)	demand	1.1%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled "Scoping study to inform future locations for Regional University Centres" delivered to the Australian Government Department of Education, Skills and Employment on November 2021. Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Gingin - Dandaragan
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	8,900
Indigenous population	3%
Region size (sqkm)	9,920
Postcode (with largest population)	6041
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	113

Education enrolments	
Higher education (all)	115
Higher education (online only)	40
VET (Cert IV and above, all)	320
VET (Cert IV and above, online only)	21



Broader region information (SA3)

Wheat Belt - North	
Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

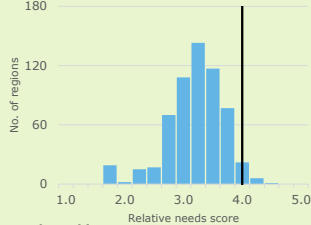
SA2 regions within broader SA3	In-scope? ⁹
Chittering	No
Cunderdin	No
Dowerin	No
Gingin - Dandaragan	Yes
Merredin	No
Moora	No
Mukinbudin	No
Northam	No
Toodyay	No
York - Beverley	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

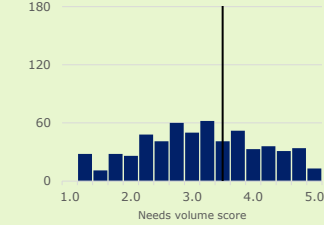
Relative needs score **3.9**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



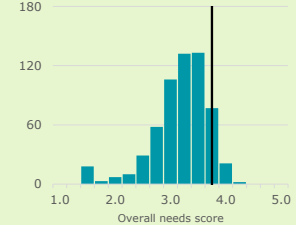
Needs volume score **3.3**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.7**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 8 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.7%	-1.0%	Yes
Population size above minimum threshold	8,900	3,000	Yes
Population size below maximum threshold	8,900	50,000	Yes
Year 10 completions above minimum threshold	88.6%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	113	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

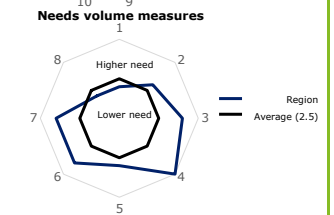
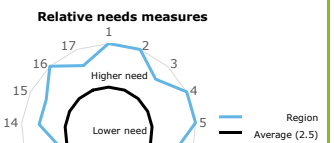
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.4%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		1%
4 Average growth in VET enrolments (2017-21)	Access and participation	12%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		12%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		52%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	23%
11 Average VET completion rate (2017-19)		62%
12 Average VET completion rate for Indigenous learners (2017-21)		79%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		80%
14 Proportion of HE graduates gaining employment (2018-21)		70%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	78%
16 Proportion of HE graduating into relevant employment (2018-2021)		59%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	40
2 Total VET enrolments (Cert IV above and online) (2021)		21
3 Population (aged 15-64) (2021)	Direct latent demand	5,264
4 Population growth (2017-2022)		1.7%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)		0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Gnowangerup
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	2,900
Indigenous population	5%
Region size (sqkm)	15,013
Postcode (with largest population)	6335
Region type ¹	SA2
ARIA measure	Remote
Distance to nearest campus (km)	109

Education enrolments	
Higher education (all)	54
Higher education (online only)	23
VET (Cert IV and above, all)	110
VET (Cert IV and above, online only)	11



Broader region information (SA3)

Albany	
Population ⁸	61,900
Region size (sqkm)	37,888
HE enrolments (all) (2021)	1,258
HE enrolments (online only) (2021)	587

SA2 regions within broader SA3	In-scope? ⁹
Albany	No
Albany Surrounds	No
Bayonet Head - Lower King	No
Denmark	No
Gnowangerup	Yes
Katanning	No
Kojonup	No
Little Grove - Elleker	No
McKail - Willyung	No
Plantagenet	No

Additional notes:

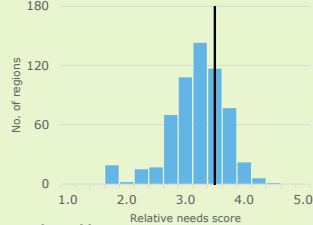
- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.3**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



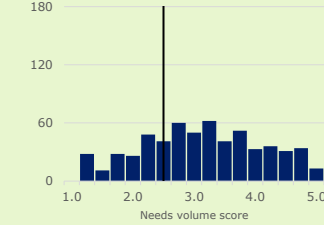
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 1 readiness issue/s identified. Total number of regions is 597.

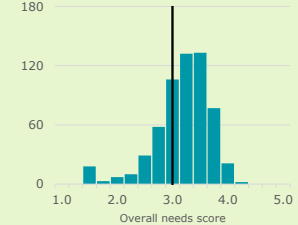
Needs volume score **2.3**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.0**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

1 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.3%	-1.0%	Yes
Population size above minimum threshold	2,900	3,000	No
Population size below maximum threshold	2,900	50,000	Yes
Year 10 completions above minimum threshold	91.4%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	109	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

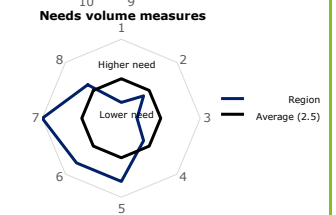
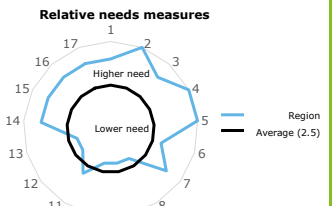
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.8%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	24%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		15%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)	experience	60%
12 Average VET completion rate for Indigenous learners (2017-21)		68%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		73%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	80%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	69%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	23
2 Total VET enrolments (Cert IV above and online) (2021)	demand	11
3 Population (aged 15-64) (2021)	Direct latent demand	1,797
4 Population growth (2017-2022)	demand	0.3%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	587
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	210
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	36,570
8 Broader SA3 population growth (2017-22)	demand	0.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Halls Creek
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	3,600
Indigenous population	78%
Region size (sqkm)	135,345
Postcode (with largest population)	6770
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	432

Education enrolments	
Higher education (all)	16
Higher education (online only)	12
VET (Cert IV and above, all)	125
VET (Cert IV and above, online only)	5



Broader region information (SA3)

Kimberley	
Population ⁸	35,100
Region size (sqkm)	419,245
HE enrolments (all) (2021)	981
HE enrolments (online only) (2021)	568

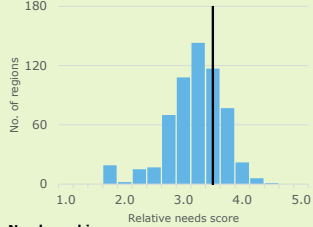
SA2 regions within broader SA3	In-scope? ⁹
Broome	No
Derby - West Kimberley	No
Halls Creek	Yes
Kununurra	No
Roebuck	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.4**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



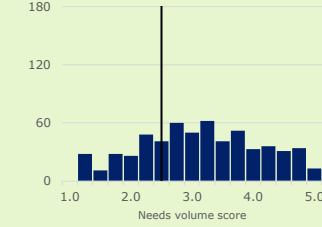
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 121 of 235 regions with no readiness issues identified. Total number of regions is 597.

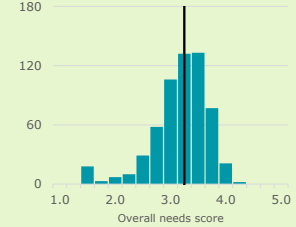
Needs volume score **2.5**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.1**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	2.5%	-1.0%	Yes
Population size above minimum threshold	3,600	3,000	Yes
Population size below maximum threshold	3,600	50,000	Yes
Year 10 completions above minimum threshold	76.7%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	432	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

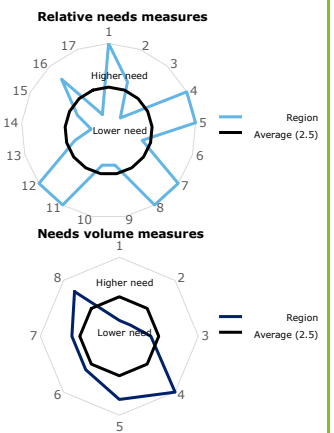
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		0.6%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		-5%
4 Average growth in VET enrolments (2017-21)		38%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	0%
6 Proportion of Indigenous population enrolled in VET (2021)		17%
7 Proportion of population with a tertiary qualification (2021)		7%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		1
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		78%
12 Average VET completion rate for Indigenous learners (2017-21)		93%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		86%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	88%
16 Proportion of HE graduating into relevant employment (2018-2021)		68%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	12
2 Total VET enrolments (Cert IV above and online) (2021)		5
3 Population (aged 15-64) (2021)	Direct latent demand	2,468
4 Population growth (2017-2022)		2.5%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	568
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		179
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	24,170
8 Broader SA3 population growth (2017-22)		1.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Irwin WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information

Population	3,700
Indigenous population	4%
Region size (sqkm)	2,369
Postcode (with largest population)	6525
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	75

Education enrolments

Higher education (all)	41
Higher education (online only)	19
VET (Cert IV and above, all)	175
VET (Cert IV and above, online only)	8



Broader region information (SA3)

Mid West

Population ⁸	55,000
Region size (sqkm)	466,795
HE enrolments (all) (2021)	1,154
HE enrolments (online only) (2021)	556

SA2 regions within broader SA3 In-scope?⁹

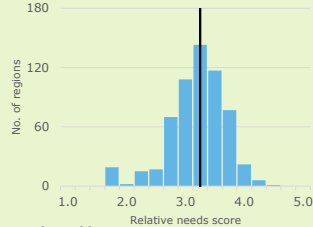
Geraldton	No
Geraldton - East	No
Geraldton - North	No
Geraldton - South	No
Irwin	Yes
Meekatharra	No
Morawa	No
Northampton - Mullewa - Greenough	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.2**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



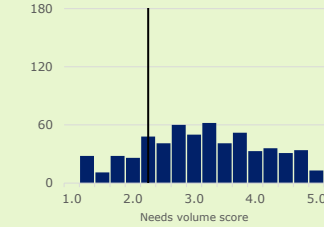
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 173 of 235 regions with no readiness issues identified. Total number of regions is 597.

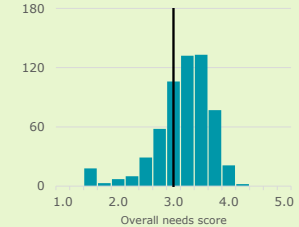
Needs volume score **2.2**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.9**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.8%	-1.0%	Yes
Population size above minimum threshold	3,700	3,000	Yes
Population size below maximum threshold	3,700	50,000	Yes
Year 10 completions above minimum threshold	86.5%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	75	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

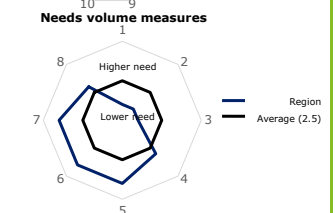
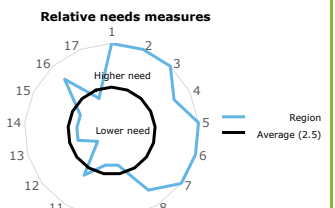
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.4%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		8%
4 Average growth in VET enrolments (2017-21)	Access and participation	6%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		8%
7 Proportion of population with a tertiary qualification (2021)		13%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		57%
12 Average VET completion rate for Indigenous learners (2017-21)		58%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		81%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	85%
16 Proportion of HE graduating into relevant employment (2018-2021)		67%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	19
2 Total VET enrolments (Cert IV above and online) (2021)		8
3 Population (aged 15-64) (2021)	Direct latent demand	2,006
4 Population growth (2017-2022)		0.8%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	556
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		258
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	34,058
8 Broader SA3 population growth (2017-22)		0.5%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled "Scoping study to inform future locations for Regional University Centres" delivered to the Australian Government Department of Education, Skills and Employment on November 2021." Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Kambalda - Coolgardie - Norseman

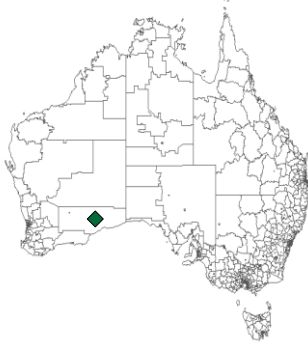
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,400
Indigenous population	9%
Region size (sqkm)	218,582
Postcode (with largest population)	6429
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	271

Education enrolments	
Higher education (all)	37
Higher education (online only)	27
VET (Cert IV and above, all)	205
VET (Cert IV and above, online only)	15



Broader region information (SA3)

Goldfields	
Population ⁸	38,300
Region size (sqkm)	714,525
HE enrolments (all) (2021)	645
HE enrolments (online only) (2021)	402

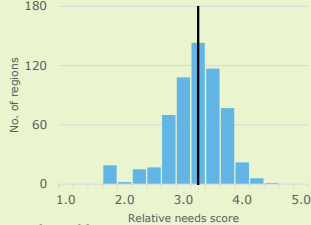
SA2 regions within broader SA3	In-scope? ⁹
Boulder	No
Kalgoorlie	No
Kalgoorlie - North	No
Kambalda - Coolgardie - Norseman	Yes
Leinster - Leonora	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

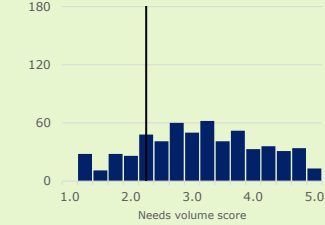
Relative needs score **3.2**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



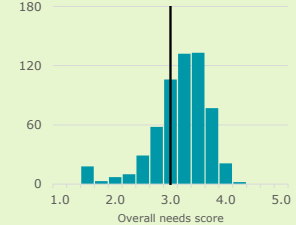
Needs volume score **2.1**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.9**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 180 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.2%	-1.0%	Yes
Population size above minimum threshold	4,400	3,000	Yes
Population size below maximum threshold	4,400	50,000	Yes
Year 10 completions above minimum threshold	86.4%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	271	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

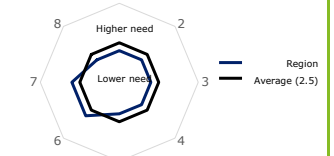
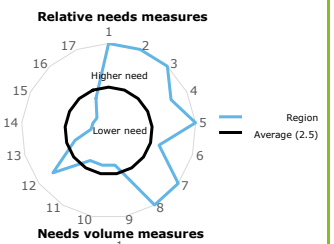
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.0%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		6%
4 Average growth in VET enrolments (2017-21)	Access and participation	5%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		15%
7 Proportion of population with a tertiary qualification (2021)		8%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		1
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		50%
12 Average VET completion rate for Indigenous learners (2017-21)		77%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	27
2 Total VET enrolments (Cert IV above and online) (2021)		15
3 Population (aged 15-64) (2021)	Direct latent demand	3,048
4 Population growth (2017-2022)		-0.2%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	402
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		170
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	26,772
8 Broader SA3 population growth (2017-22)		0.2%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Karratha
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	17,000
Indigenous population	9%
Region size (sqkm)	134
Postcode (with largest population)	6714
Region type ¹	SA2
ARIA measure	Remote
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	335
Higher education (online only)	227
VET (Cert IV and above, all)	1,345
VET (Cert IV and above, online only)	156



Broader region information (SA3)

West Pilbara	
Population ⁸	29,600
Region size (sqkm)	116,066
HE enrolments (all) (2021)	522
HE enrolments (online only) (2021)	363

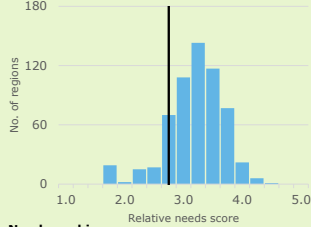
SA2 regions within broader SA3	In-scope? ⁹
Ashburton (WA)	No
Karratha	Yes
Roebourne	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

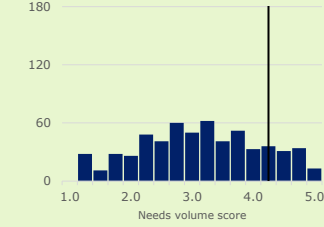
Relative needs score **2.6**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



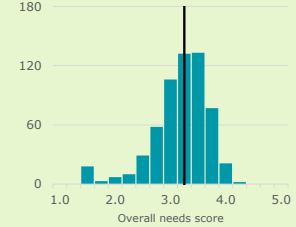
Needs volume score **4.2**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.1**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	2.0%	-1.0%	Yes
Population size above minimum threshold	17,000	3,000	Yes
Population size below maximum threshold	17,000	50,000	Yes
Year 10 completions above minimum threshold	94.2%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

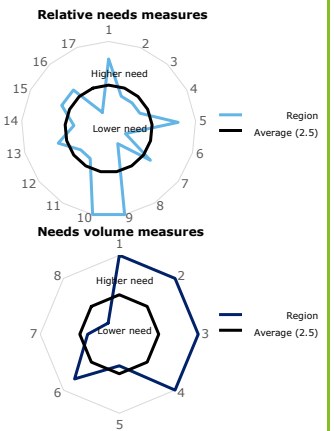
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.7%
2 Proportion of population enrolled in VET (2021)		8%
3 Average growth in HE enrolments (2017-21)		-3%
4 Average growth in VET enrolments (2017-21)	Access and participation	0%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		28%
7 Proportion of population with a tertiary qualification (2021)		18%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		8
9 Proportion of HE students that complete within 3 years (2018 cohort)		64%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	41%
11 Average VET completion rate (2017-19)		49%
12 Average VET completion rate for Indigenous learners (2017-21)		69%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		80%
14 Proportion of HE graduates gaining employment (2018-21)		83%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	85%
16 Proportion of HE graduating into relevant employment (2018-2021)		73%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	227
2 Total VET enrolments (Cert IV above and online) (2021)	demand	156
3 Population (aged 15-64) (2021)	Direct latent	12,036
4 Population growth (2017-2022)	demand	2.0%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	363
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	223
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	21,235
8 Broader SA3 population growth (2017-22)	demand	-2.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Katanning
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,500
Indigenous population	8%
Region size (sqkm)	2,647
Postcode (with largest population)	6316
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	65
Higher education (online only)	33
VET (Cert IV and above, all)	245
VET (Cert IV and above, online only)	14



Broader region information (SA3)

Albany	
Population ⁸	61,900
Region size (sqkm)	37,888
HE enrolments (all) (2021)	1,258
HE enrolments (online only) (2021)	587

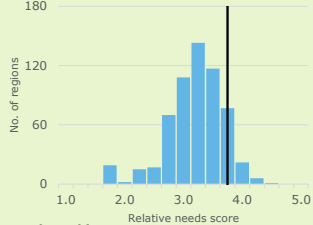
SA2 regions within broader SA3	In-scope? ⁹
Albany	No
Albany Surrounds	No
Bayonet Head - Lower King	No
Denmark	No
Gnowangerup	No
Katanning	Yes
Kojonup	No
Little Grove - Elleker	No
McKail - Willyung	No
Plantagenet	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

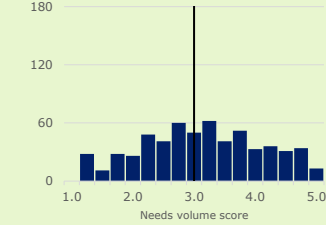
Relative needs score **3.5**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



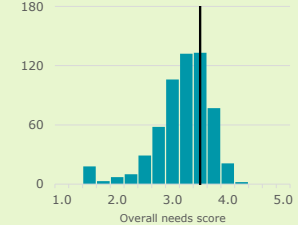
Needs volume score **2.8**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.3**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.4%	-1.0%	Yes
Population size above minimum threshold	4,500	3,000	Yes
Population size below maximum threshold	4,500	50,000	Yes
Year 10 completions above minimum threshold	82.0%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

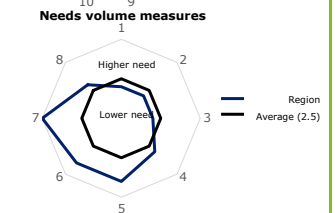
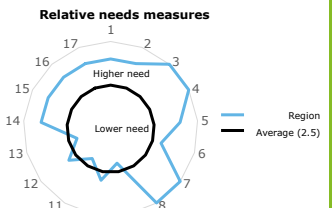
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.6%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		4%
4 Average growth in VET enrolments (2017-21)		8%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		16%
7 Proportion of population with a tertiary qualification (2021)		11%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		2
9 Proportion of HE students that complete within 3 years (2018 cohort)		46%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	25%
11 Average VET completion rate (2017-19)		47%
12 Average VET completion rate for Indigenous learners (2017-21)		75%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		73%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	80%
16 Proportion of HE graduating into relevant employment (2018-2021)		69%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	33
2 Total VET enrolments (Cert IV above and online) (2021)		14
3 Population (aged 15-64) (2021)	Direct latent demand	2,775
4 Population growth (2017-2022)		0.4%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	587
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		210
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	36,570
8 Broader SA3 population growth (2017-22)		0.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Kojonup
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,100
Indigenous population	6%
Region size (sqkm)	8,555
Postcode (with largest population)	6318
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	58

Education enrolments	
Higher education (all)	77
Higher education (online only)	27
VET (Cert IV and above, all)	180
VET (Cert IV and above, online only)	15



Broader region information (SA3)

Albany	
Population ⁸	61,900
Region size (sqkm)	37,888
HE enrolments (all) (2021)	1,258
HE enrolments (online only) (2021)	587

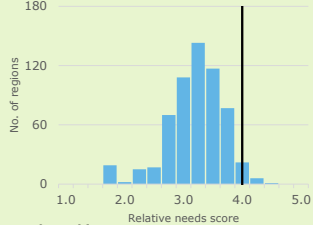
SA2 regions within broader SA3	In-scope? ⁹
Albany	No
Albany Surrounds	No
Bayonet Head - Lower King	No
Denmark	No
Gnowangerup	No
Katanning	No
Kojonup	Yes
Little Grove - Elleker	No
McKail - Willyung	No
Plantagenet	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

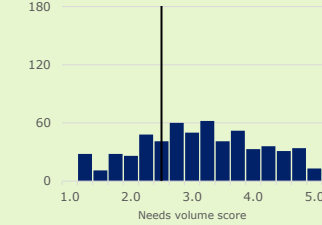
Relative needs score **3.8**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



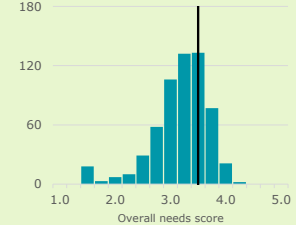
Needs volume score **2.5**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.4**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 65 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.4%	-1.0%	Yes
Population size above minimum threshold	4,100	3,000	Yes
Population size below maximum threshold	4,100	50,000	Yes
Year 10 completions above minimum threshold	89.2%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	58	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

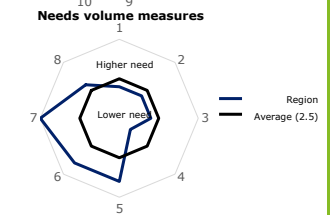
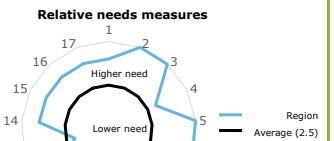
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.9%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		7%
4 Average growth in VET enrolments (2017-21)	Access and participation	2%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		10%
7 Proportion of population with a tertiary qualification (2021)		16%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		58%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	38%
11 Average VET completion rate (2017-19)		50%
12 Average VET completion rate for Indigenous learners (2017-21)		78%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		73%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	80%
16 Proportion of HE graduating into relevant employment (2018-2021)		69%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	27
2 Total VET enrolments (Cert IV above and online) (2021)		15
3 Population (aged 15-64) (2021)	Direct latent demand	2,390
4 Population growth (2017-2022)		-0.4%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	587
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		210
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	36,570
8 Broader SA3 population growth (2017-22)		0.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

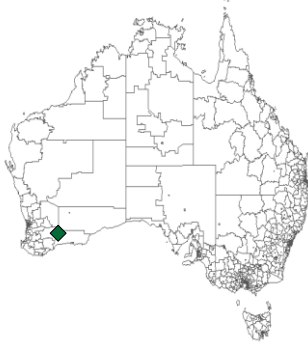
Kulin WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,200
Indigenous population	4%
Region size (sqkm)	28,626
Postcode (with largest population)	6350
Region type ¹	SA2
ARIA measure	Remote
Distance to nearest campus (km)	121

Education enrolments	
Higher education (all)	77
Higher education (online only)	29
VET (Cert IV and above, all)	170
VET (Cert IV and above, online only)	14



Broader region information (SA3)

Wheat Belt - South

Population ⁸	19,400
Region size (sqkm)	48,763
HE enrolments (all) (2021)	358
HE enrolments (online only) (2021)	152

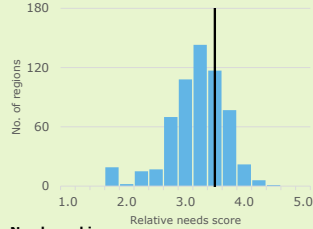
SA2 regions within broader SA3	In-scope? ⁹
Brookton	No
Kulin	Yes
Murray	No
Narrogin	No
Wagin	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score 3.4

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



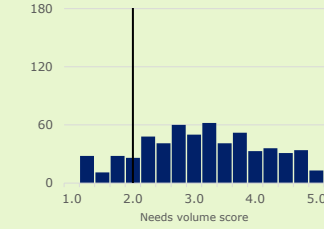
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 169 of 235 regions with no readiness issues identified. Total number of regions is 597.

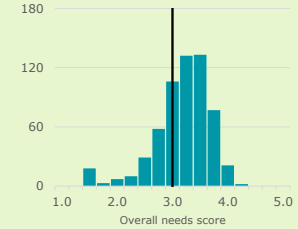
Needs volume score 1.8

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score 2.9

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.2%	-1.0%	Yes
Population size above minimum threshold	4,200	3,000	Yes
Population size below maximum threshold	4,200	50,000	Yes
Year 10 completions above minimum threshold	90.6%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	121	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

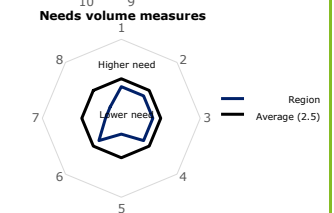
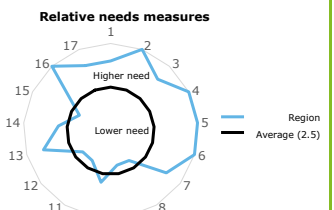
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.9%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		1%
4 Average growth in VET enrolments (2017-21)		7%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		10%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		48%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	26%
11 Average VET completion rate (2017-19)		54%
12 Average VET completion rate for Indigenous learners (2017-21)		67%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		78%
14 Proportion of HE graduates gaining employment (2018-21)		77%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	87%
16 Proportion of HE graduating into relevant employment (2018-2021)		55%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	29
2 Total VET enrolments (Cert IV above and online) (2021)	demand	14
3 Population (aged 15-64) (2021)	Direct latent	2,588
4 Population growth (2017-2022)	demand	-0.2%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	152
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	86
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	11,459
8 Broader SA3 population growth (2017-22)	demand	-0.7%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Kununurra WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information

Population	7,500
Indigenous population	34%
Region size (sqkm)	117,707
Postcode (with largest population)	6740
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	393

Education enrolments

Higher education (all)	163
Higher education (online only)	107
VET (Cert IV and above, all)	570
VET (Cert IV and above, online only)	51



Broader region information (SA3)

Kimberley

Population ⁸	35,100
Region size (sqkm)	419,245
HE enrolments (all) (2021)	981
HE enrolments (online only) (2021)	568

SA2 regions within broader SA3 In-scope?⁹

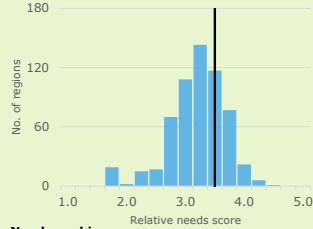
Broome	No
Derby - West Kimberley	No
Halls Creek	No
Kununurra	Yes
Roebuck	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score 3.3

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



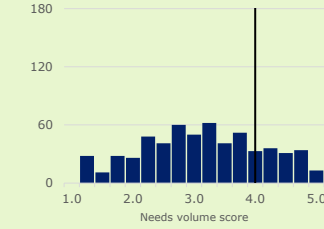
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 48 of 235 regions with no readiness issues identified. Total number of regions is 597.

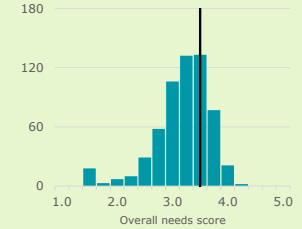
Needs volume score 3.9

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score 3.5

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.4%	-1.0%	Yes
Population size above minimum threshold	7,500	3,000	Yes
Population size below maximum threshold	7,500	50,000	Yes
Year 10 completions above minimum threshold	87.2%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	393	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

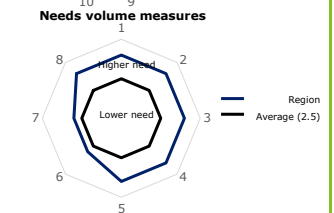
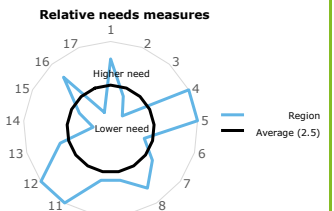
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.8%
2 Proportion of population enrolled in VET (2021)		8%
3 Average growth in HE enrolments (2017-21)		-8%
4 Average growth in VET enrolments (2017-21)		11%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		17%
7 Proportion of population with a tertiary qualification (2021)		17%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		54%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	28%
11 Average VET completion rate (2017-19)		65%
12 Average VET completion rate for Indigenous learners (2017-21)		85%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		80%
14 Proportion of HE graduates gaining employment (2018-21)		86%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	88%
16 Proportion of HE graduating into relevant employment (2018-2021)		68%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	107
2 Total VET enrolments (Cert IV above and online) (2021)		51
3 Population (aged 15-64) (2021)	Direct latent demand	5,179
4 Population growth (2017-2022)		1.4%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	568
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		179
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	24,170
8 Broader SA3 population growth (2017-22)		1.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled "Scoping study to inform future locations for Regional University Centres" delivered to the Australian Government Department of Education, Skills and Employment on November 2021. Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Leinster - Leonora
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,800
Indigenous population	36%
Region size (sqkm)	495,840
Postcode (with largest population)	6431
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	520

Education enrolments	
Higher education (all)	39
Higher education (online only)	31
VET (Cert IV and above, all)	75
VET (Cert IV and above, online only)	6



Broader region information (SA3)

Goldfields	
Population ⁸	38,300
Region size (sqkm)	714,525
HE enrolments (all) (2021)	645
HE enrolments (online only) (2021)	402

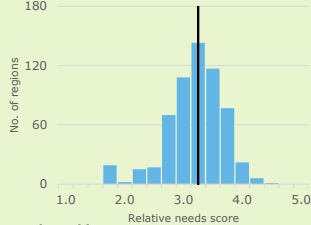
SA2 regions within broader SA3	In-scope? ⁹
Boulder	No
Kalgoorlie	No
Kalgoorlie - North	No
Kambalda - Coolgardie - Norseman	No
Leinster - Leonora	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

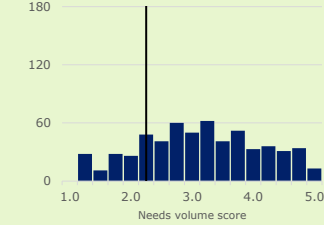
Relative needs score **3.1**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



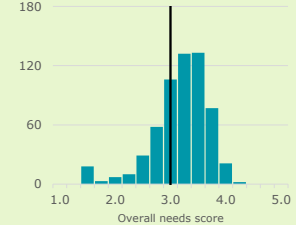
Needs volume score **2.2**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.9**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 181 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.9%	-1.0%	Yes
Population size above minimum threshold	4,800	3,000	Yes
Population size below maximum threshold	4,800	50,000	Yes
Year 10 completions above minimum threshold	83.3%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	520	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

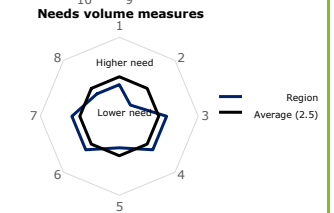
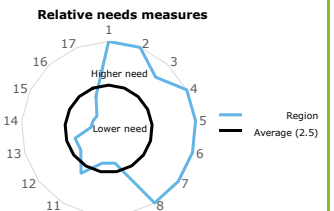
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		0.6%
2 Proportion of population enrolled in VET (2021)		2%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	13%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	0%
6 Proportion of Indigenous population enrolled in VET (2021)		3%
7 Proportion of population with a tertiary qualification (2021)		9%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		1
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)	experience	55%
12 Average VET completion rate for Indigenous learners (2017-21)		68%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	100%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	31
2 Total VET enrolments (Cert IV above and online) (2021)	demand	6
3 Population (aged 15-64) (2021)	Direct latent demand	3,776
4 Population growth (2017-2022)	demand	0.9%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	402
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	170
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	26,772
8 Broader SA3 population growth (2017-22)	demand	0.2%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Malmalling - Reservoir
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	0
Indigenous population	NA
Region size (sqkm)	318
Postcode (with largest population)	6074
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	36

Education enrolments	
Higher education (all)	0
Higher education (online only)	0
VET (Cert IV and above, all)	0
VET (Cert IV and above, online only)	0



Broader region information (SA3)

Mundaring	
Population ⁸	4,600
Region size (sqkm)	685
HE enrolments (all) (2021)	89
HE enrolments (online only) (2021)	29

SA2 regions within broader SA3	In-scope? ⁹
Chidlow	No
Malmalling - Reservoir	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score 1.6

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).

Needs volume score 1.2

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).

Overall needs score 1.5

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).

Needs ranking
Regions that do not have any readiness issues identified are then ranked by the overall needs score.
Has no ranking with 4 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

4 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.0%	-1.0%	Yes
Population size above minimum threshold	0	3,000	No
Population size below maximum threshold	0	50,000	Yes
Year 10 completions above minimum threshold	0.0%	75.0%	No
Existing RUC or university campus in region ⁴	0	No	No
Nearest campus above minimum distance threshold (km) ⁵	36	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

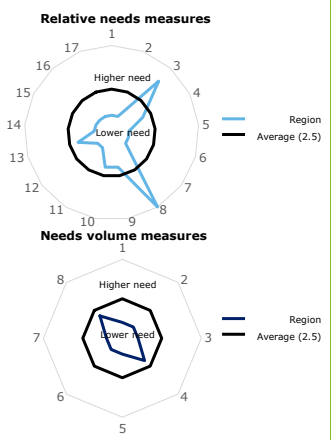
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		100.0%
2 Proportion of population enrolled in VET (2021)		100%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	0%
5 Proportion of Indigenous population enrolled in HE (2021)		100%
6 Proportion of Indigenous population enrolled in VET (2021)		100%
7 Proportion of population with a tertiary qualification (2021)		100%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		0
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		0%
12 Average VET completion rate for Indigenous learners (2017-21)		0%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		0%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	0
2 Total VET enrolments (Cert IV above and online) (2021)		0
3 Population (aged 15-64) (2021)	Direct latent demand	0
4 Population growth (2017-2022)		0.0%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	0
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		0
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	0
8 Broader SA3 population growth (2017-22)		0.0%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Manjimup WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	5,400
Indigenous population	4%
Region size (sqkm)	324
Postcode (with largest population)	6258
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	113

Education enrolments	
Higher education (all)	103
Higher education (online only)	35
VET (Cert IV and above, all)	315
VET (Cert IV and above, online only)	15



Broader region information (SA3)

Manjimup	
Population ⁸	23,900
Region size (sqkm)	15,689
HE enrolments (all) (2021)	368
HE enrolments (online only) (2021)	145

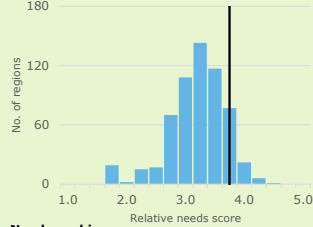
SA2 regions within broader SA3	In-scope? ⁹
Bridgetown - Boyup Brook	No
Donnybrook - Balingup	No
Manjimup	Yes
Pemberton	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.7**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



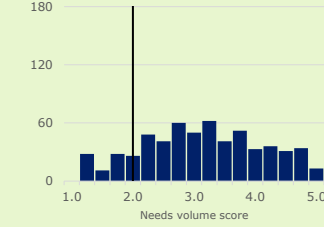
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 96 of 235 regions with no readiness issues identified. Total number of regions is 597.

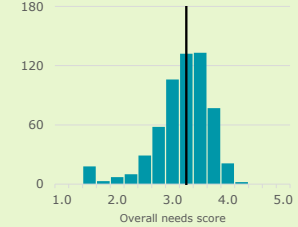
Needs volume score **2.0**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.2**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.2%	-1.0%	Yes
Population size above minimum threshold	5,400	3,000	Yes
Population size below maximum threshold	5,400	50,000	Yes
Year 10 completions above minimum threshold	86.6%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	113	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

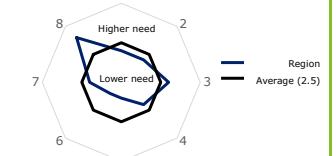
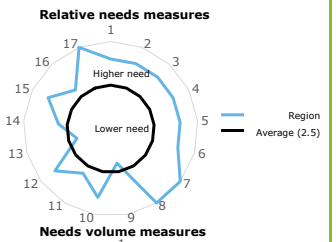
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.0%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		1%
4 Average growth in VET enrolments (2017-21)		4%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		13%
7 Proportion of population with a tertiary qualification (2021)		12%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		2
9 Proportion of HE students that complete within 3 years (2018 cohort)		49%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	29%
11 Average VET completion rate (2017-19)		60%
12 Average VET completion rate for Indigenous learners (2017-21)		77%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		92%
14 Proportion of HE graduates gaining employment (2018-21)		75%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	79%
16 Proportion of HE graduating into relevant employment (2018-2021)		72%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	35
2 Total VET enrolments (Cert IV above and online) (2021)		15
3 Population (aged 15-64) (2021)	Direct latent demand	3,288
4 Population growth (2017-2022)		0.2%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	145
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		70
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	13,877
8 Broader SA3 population growth (2017-22)		1.2%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Meekatharra
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	3,200
Indigenous population	24%
Region size (sqkm)	414,527
Postcode (with largest population)	6635
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	513

Education enrolments	
Higher education (all)	25
Higher education (online only)	19
VET (Cert IV and above, all)	100
VET (Cert IV and above, online only)	13



Broader region information (SA3)

Mid West	
Population ⁸	55,000
Region size (sqkm)	466,795
HE enrolments (all) (2021)	1,154
HE enrolments (online only) (2021)	556

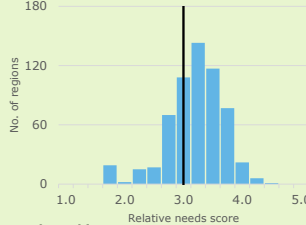
SA2 regions within broader SA3	In-scope? ⁹
Geraldton	No
Geraldton - East	No
Geraldton - North	No
Geraldton - South	No
Irwin	No
Meekatharra	Yes
Morawa	No
Northampton - Mullewa - Greenough	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.0**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



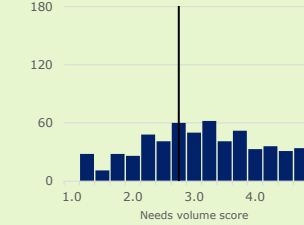
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 177 of 235 regions with no readiness issues identified. Total number of regions is 597.

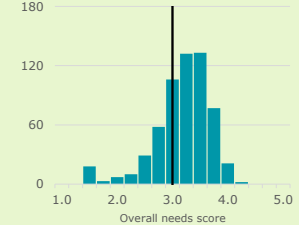
Needs volume score **2.6**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.9**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.3%	-1.0%	Yes
Population size above minimum threshold	3,200	3,000	Yes
Population size below maximum threshold	3,200	50,000	Yes
Year 10 completions above minimum threshold	86.2%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	513	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

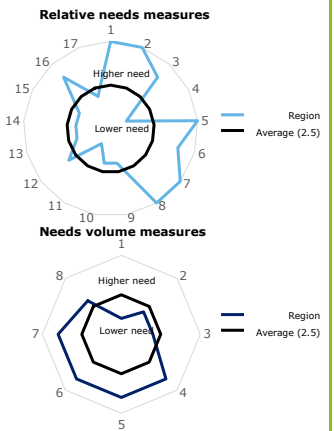
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		0.8%
2 Proportion of population enrolled in VET (2021)		3%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	-8%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		12%
7 Proportion of population with a tertiary qualification (2021)		11%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		1
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		40%
12 Average VET completion rate for Indigenous learners (2017-21)		73%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		81%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	85%
16 Proportion of HE graduating into relevant employment (2018-2021)		67%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	19
2 Total VET enrolments (Cert IV above and online) (2021)		13
3 Population (aged 15-64) (2021)	Direct latent demand	2,315
4 Population growth (2017-2022)		1.3%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	556
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		258
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	34,058
8 Broader SA3 population growth (2017-22)		0.5%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Merredin
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,900
Indigenous population	5%
Region size (sqkm)	9,828
Postcode (with largest population)	6368
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	81
Higher education (online only)	34
VET (Cert IV and above, all)	220
VET (Cert IV and above, online only)	20



Broader region information (SA3)

Wheat Belt - North	
Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

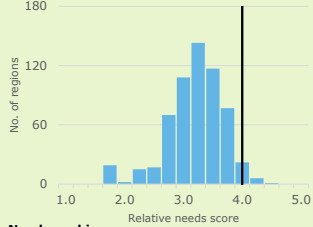
SA2 regions within broader SA3	In-scope? ⁹
Chittering	No
Cunderdin	No
Dowerin	No
Gingin - Dandaragan	No
Merredin	Yes
Mooro	No
Mukinbudin	No
Northam	No
Toodyay	No
York - Beverley	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

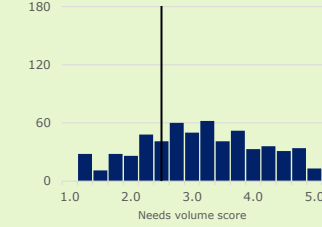
Relative needs score **3.8**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



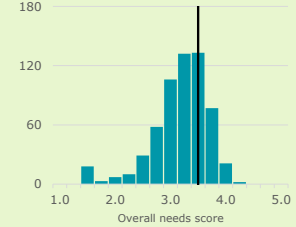
Needs volume score **2.5**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.4**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.4%	-1.0%	Yes
Population size above minimum threshold	4,900	3,000	Yes
Population size below maximum threshold	4,900	50,000	Yes
Year 10 completions above minimum threshold	88.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

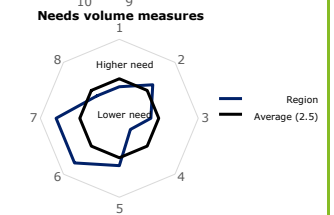
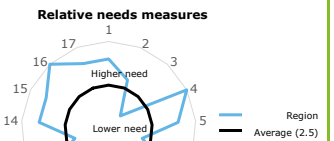
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.6%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		-4%
4 Average growth in VET enrolments (2017-21)	Access and participation	23%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		19%
7 Proportion of population with a tertiary qualification (2021)		13%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		59%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	22%
11 Average VET completion rate (2017-19)	experience	69%
12 Average VET completion rate for Indigenous learners (2017-21)		86%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		70%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	78%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	59%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	34
2 Total VET enrolments (Cert IV above and online) (2021)	demand	20
3 Population (aged 15-64) (2021)	Direct latent demand	2,910
4 Population growth (2017-2022)	demand	-0.4%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)	demand	0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Moora
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,500
Indigenous population	9%
Region size (sqkm)	13,538
Postcode (with largest population)	6468
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	73

Education enrolments	
Higher education (all)	90
Higher education (online only)	39
VET (Cert IV and above, all)	195
VET (Cert IV and above, online only)	14



Broader region information (SA3)

Wheat Belt - North	
Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

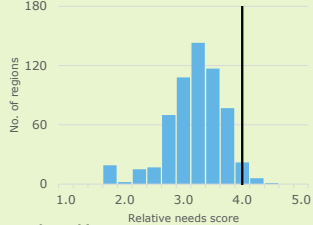
SA2 regions within broader SA3	In-scope? ⁹
Chittering	No
Cunderdin	No
Dowerin	No
Gingin - Dandaragan	No
Merredin	No
Moora	Yes
Mukinbudin	No
Northam	No
Toodyay	No
York - Beverley	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

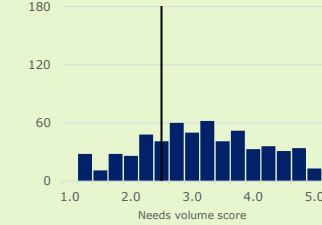
Relative needs score **3.8**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



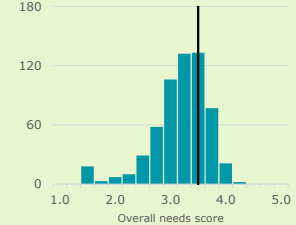
Needs volume score **2.3**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.4**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 72 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.8%	-1.0%	Yes
Population size above minimum threshold	4,500	3,000	Yes
Population size below maximum threshold	4,500	50,000	Yes
Year 10 completions above minimum threshold	90.3%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	73	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

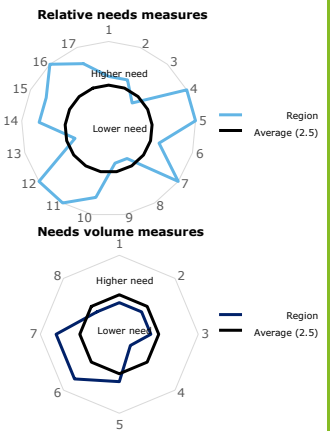
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.0%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		-2%
4 Average growth in VET enrolments (2017-21)	Access and participation	27%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		15%
7 Proportion of population with a tertiary qualification (2021)		13%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		40%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	30%
11 Average VET completion rate (2017-19)		66%
12 Average VET completion rate for Indigenous learners (2017-21)		89%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		70%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	78%
16 Proportion of HE graduating into relevant employment (2018-2021)		59%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	39
2 Total VET enrolments (Cert IV above and online) (2021)	demand	14
3 Population (aged 15-64) (2021)	Direct latent demand	2,745
4 Population growth (2017-2022)	demand	-0.8%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)	demand	0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Morawa WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	3,900
Indigenous population	5%
Region size (sqkm)	23,464
Postcode (with largest population)	6514
Region type ¹	SA2
ARIA measure	Remote
Distance to nearest campus (km)	159

Education enrolments	
Higher education (all)	55
Higher education (online only)	25
VET (Cert IV and above, all)	135
VET (Cert IV and above, online only)	11



Broader region information (SA3)

Mid West	
Population ⁸	55,000
Region size (sqkm)	466,795
HE enrolments (all) (2021)	1,154
HE enrolments (online only) (2021)	556

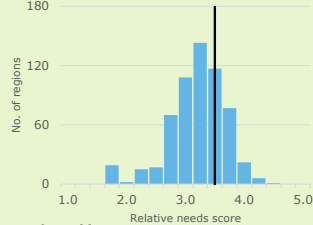
SA2 regions within broader SA3	In-scope? ⁹
Geraldton	No
Geraldton - East	No
Geraldton - North	No
Geraldton - South	No
Irwin	No
Meekatharra	No
Morawa	Yes
Northampton - Mullewa - Greenough	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.3**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



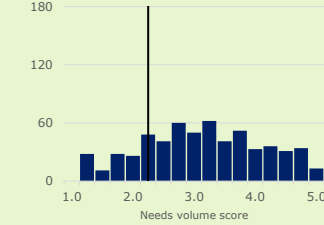
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 149 of 235 regions with no readiness issues identified. Total number of regions is 597.

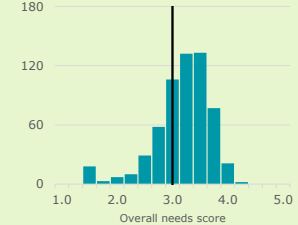
Needs volume score **2.2**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.0**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.4%	-1.0%	Yes
Population size above minimum threshold	3,900	3,000	Yes
Population size below maximum threshold	3,900	50,000	Yes
Year 10 completions above minimum threshold	88.7%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	159	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

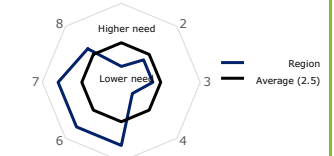
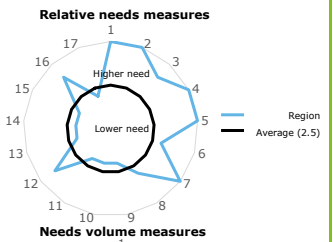
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.4%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	12%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		15%
7 Proportion of population with a tertiary qualification (2021)		13%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		54%
12 Average VET completion rate for Indigenous learners (2017-21)		77%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		81%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	85%
16 Proportion of HE graduating into relevant employment (2018-2021)		67%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	25
2 Total VET enrolments (Cert IV above and online) (2021)		11
3 Population (aged 15-64) (2021)	Direct latent demand	2,293
4 Population growth (2017-2022)		-0.4%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	556
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		258
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	34,058
8 Broader SA3 population growth (2017-22)		0.5%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Mukinbudin WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	3,000
Indigenous population	4%
Region size (sqkm)	50,177
Postcode (with largest population)	6422
Region type ¹	SA2
ARIA measure	Remote
Distance to nearest campus (km)	126

Education enrolments	
Higher education (all)	44
Higher education (online only)	16
VET (Cert IV and above, all)	115
VET (Cert IV and above, online only)	8



Broader region information (SA3)

Wheat Belt - North	
Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

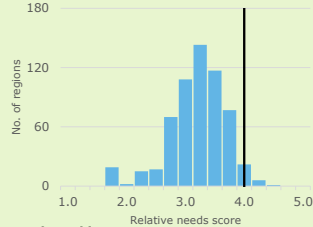
SA2 regions within broader SA3	In-scope? ⁹
Chittering	No
Cunderdin	No
Dowerin	No
Gingin - Dandaragan	No
Merredin	No
Moora	No
Mukinbudin	Yes
Northam	No
Toodyay	No
York - Beverley	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **4.0**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



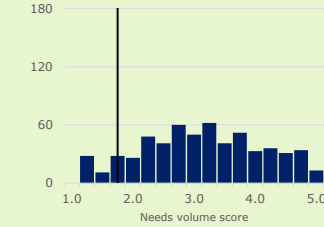
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 81 of 235 regions with no readiness issues identified. Total number of regions is 597.

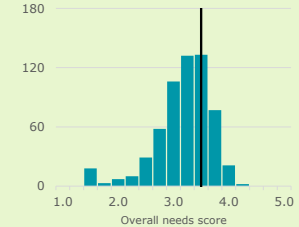
Needs volume score **1.7**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.3**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.8%	-1.0%	Yes
Population size above minimum threshold	3,000	3,000	Yes
Population size below maximum threshold	3,000	50,000	Yes
Year 10 completions above minimum threshold	88.3%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	126	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

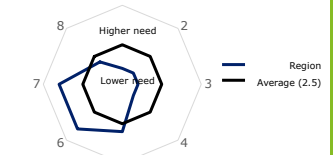
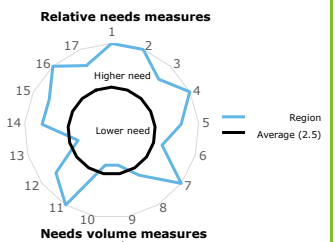
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.5%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	18%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		14%
7 Proportion of population with a tertiary qualification (2021)		12%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		66%
12 Average VET completion rate for Indigenous learners (2017-21)		80%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		70%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	78%
16 Proportion of HE graduating into relevant employment (2018-2021)		59%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	16
2 Total VET enrolments (Cert IV above and online) (2021)		8
3 Population (aged 15-64) (2021)	Direct latent demand	1,960
4 Population growth (2017-2022)		-0.8%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)		0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

Murray WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information

Population	2,400
Indigenous population	3%
Region size (sqkm)	2,746
Postcode (with largest population)	6213
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	62

Education enrolments

Higher education (all)	44
Higher education (online only)	24
VET (Cert IV and above, all)	120
VET (Cert IV and above, online only)	9



Broader region information (SA3)

Wheat Belt - South

Population ⁸	19,400
Region size (sqkm)	48,763
HE enrolments (all) (2021)	358
HE enrolments (online only) (2021)	152

SA2 regions within broader SA3 In-scope?⁹

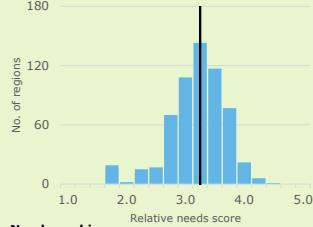
Brookton	No
Kulin	No
Murray	Yes
Narrogin	No
Wagin	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score 3.2

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



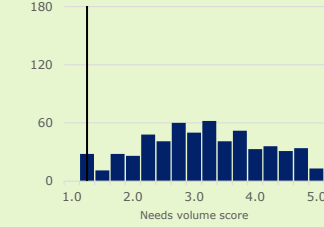
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

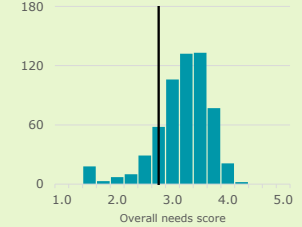
Needs volume score 1.1

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score 2.6

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-1.1%	-1.0%	No
Population size above minimum threshold	2,400	3,000	No
Population size below maximum threshold	2,400	50,000	Yes
Year 10 completions above minimum threshold	90.3%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	62	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

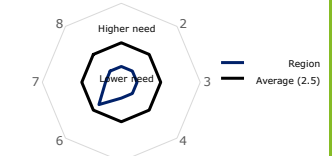
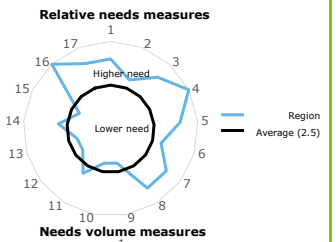
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.7%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)		10%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		16%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		58%
12 Average VET completion rate for Indigenous learners (2017-21)		67%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		77%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	87%
16 Proportion of HE graduating into relevant employment (2018-2021)		55%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	24
2 Total VET enrolments (Cert IV above and online) (2021)		9
3 Population (aged 15-64) (2021)	Direct latent demand	1,423
4 Population growth (2017-2022)		-1.1%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	152
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		86
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	11,459
8 Broader SA3 population growth (2017-22)		-0.7%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Narrogin
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,400
Indigenous population	6%
Region size (sqkm)	509
Postcode (with largest population)	6312
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	95
Higher education (online only)	46
VET (Cert IV and above, all)	285
VET (Cert IV and above, online only)	30



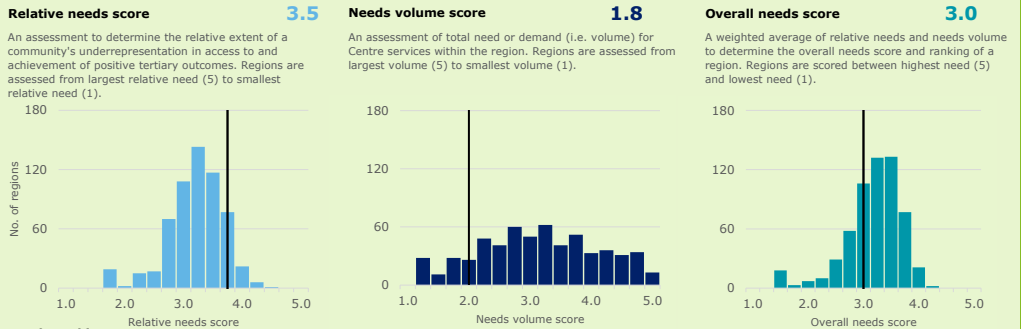
Broader region information (SA3)

Wheat Belt - South	
Population ⁸	19,400
Region size (sqkm)	48,763
HE enrolments (all) (2021)	358
HE enrolments (online only) (2021)	152

SA2 regions within broader SA3	In-scope? ⁹
Brookton	No
Kulin	No
Murray	No
Narrogin	Yes
Wagin	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.



Needs ranking
Regions that do not have any readiness issues identified are then ranked by the overall needs score.
Has no ranking with 3 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

3 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-1.0%	-1.0%	No
Population size above minimum threshold	4,400	3,000	Yes
Population size below maximum threshold	4,400	50,000	Yes
Year 10 completions above minimum threshold	87.6%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

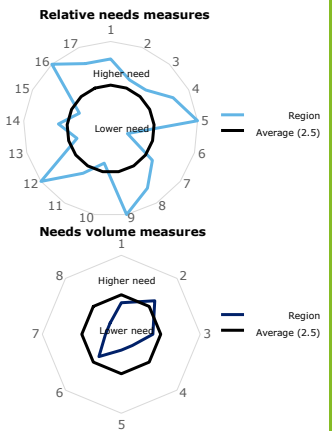
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.9%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	5%
5 Proportion of Indigenous population enrolled in HE (2021)		1%
6 Proportion of Indigenous population enrolled in VET (2021)		24%
7 Proportion of population with a tertiary qualification (2021)		16%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		69%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	19%
11 Average VET completion rate (2017-19)		57%
12 Average VET completion rate for Indigenous learners (2017-21)		81%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		77%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	87%
16 Proportion of HE graduating into relevant employment (2018-2021)		55%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	46
2 Total VET enrolments (Cert IV above and online) (2021)		30
3 Population (aged 15-64) (2021)	Direct latent demand	2,646
4 Population growth (2017-2022)		-1.0%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	152
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		86
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	11,459
8 Broader SA3 population growth (2017-22)		-0.7%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

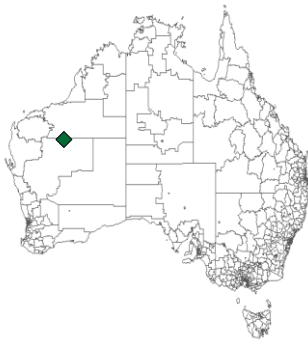
Newman WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,200
Indigenous population	13%
Region size (sqkm)	17
Postcode (with largest population)	6753
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	324

Education enrolments	
Higher education (all)	73
Higher education (online only)	46
VET (Cert IV and above, all)	405
VET (Cert IV and above, online only)	35



Broader region information (SA3)

East Pilbara	
Population ⁸	25,400
Region size (sqkm)	390,712
HE enrolments (all) (2021)	398
HE enrolments (online only) (2021)	262

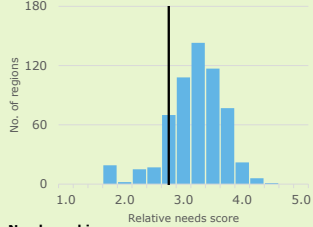
SA2 regions within broader SA3	In-scope? ⁹
East Pilbara	No
Newman	Yes
Port Hedland	No
South Hedland	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **2.6**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



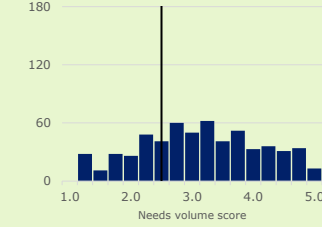
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 227 of 235 regions with no readiness issues identified. Total number of regions is 597.

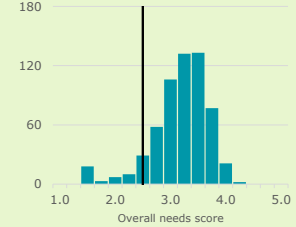
Needs volume score **2.3**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.5**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.5%	-1.0%	Yes
Population size above minimum threshold	4,200	3,000	Yes
Population size below maximum threshold	4,200	50,000	Yes
Year 10 completions above minimum threshold	94.3%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	324	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

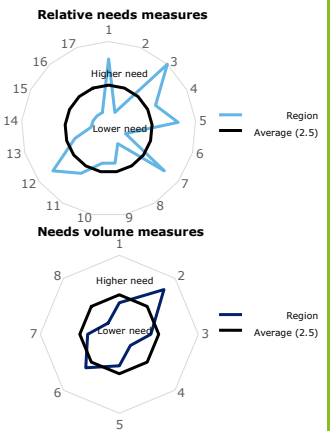
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.7%
2 Proportion of population enrolled in VET (2021)		9%
3 Average growth in HE enrolments (2017-21)		4%
4 Average growth in VET enrolments (2017-21)		2%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		21%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		6
9 Proportion of HE students that complete within 3 years (2018 cohort)		0%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	0%
11 Average VET completion rate (2017-19)		58%
12 Average VET completion rate for Indigenous learners (2017-21)		78%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	46
2 Total VET enrolments (Cert IV above and online) (2021)	demand	35
3 Population (aged 15-64) (2021)	Direct latent	2,962
4 Population growth (2017-2022)	demand	-0.5%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	262
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	171
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	19,094
8 Broader SA3 population growth (2017-22)	demand	-0.1%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

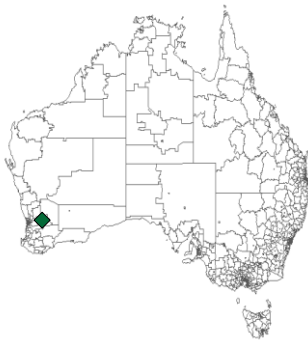
Northam
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	11,400
Indigenous population	6%
Region size (sqkm)	1,431
Postcode (with largest population)	6401
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	43

Education enrolments	
Higher education (all)	176
Higher education (online only)	83
VET (Cert IV and above, all)	635
VET (Cert IV and above, online only)	45



Broader region information (SA3)

Wheat Belt - North

Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

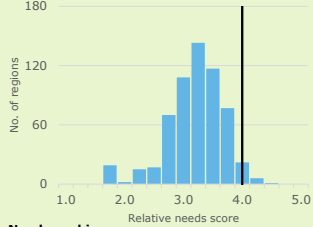
SA2 regions within broader SA3	In-scope? ⁹
Chittering	No
Cunderdin	No
Dowerin	No
Gingin - Dandaragan	No
Merredin	No
Moora	No
Mukinbudin	No
Northam	Yes
Toodyay	No
York - Beverley	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.9**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



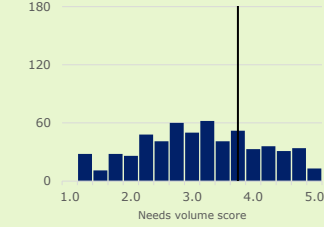
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 5 of 235 regions with no readiness issues identified. Total number of regions is 597.

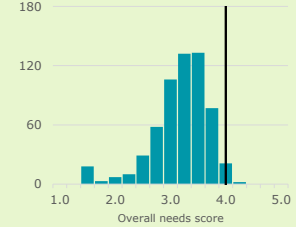
Needs volume score **3.5**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.8**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.0%	-1.0%	Yes
Population size above minimum threshold	11,400	3,000	Yes
Population size below maximum threshold	11,400	50,000	Yes
Year 10 completions above minimum threshold	86.9%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	43	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

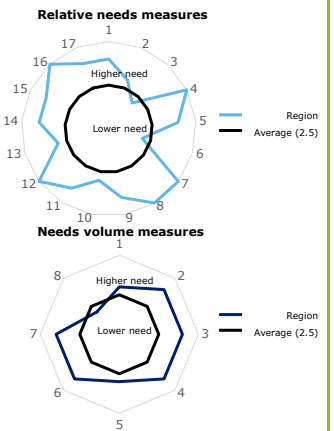
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.6%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		-1%
4 Average growth in VET enrolments (2017-21)		10%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		18%
7 Proportion of population with a tertiary qualification (2021)		13%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		2
9 Proportion of HE students that complete within 3 years (2018 cohort)		57%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	25%
11 Average VET completion rate (2017-19)		65%
12 Average VET completion rate for Indigenous learners (2017-21)		84%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		80%
14 Proportion of HE graduates gaining employment (2018-21)		70%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	78%
16 Proportion of HE graduating into relevant employment (2018-2021)		59%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	83
2 Total VET enrolments (Cert IV above and online) (2021)		45
3 Population (aged 15-64) (2021)	Direct latent demand	6,920
4 Population growth (2017-2022)		1.0%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)		0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

*Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled "Scoping study to inform future locations for Regional University Centres" delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.*

Northampton - Mullewa - Greenough

WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	5,700
Indigenous population	6%
Region size (sqkm)	26,162
Postcode (with largest population)	6528
Region type ¹	SA2
ARIA measure	Remote
Distance to nearest campus (km)	80

Education enrolments	
Higher education (all)	182
Higher education (online only)	95
VET (Cert IV and above, all)	230
VET (Cert IV and above, online only)	15



Broader region information (SA3)

Mid West	
Population ⁸	55,000
Region size (sqkm)	466,795
HE enrolments (all) (2021)	1,154
HE enrolments (online only) (2021)	556

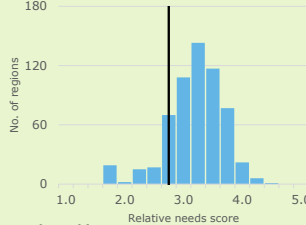
SA2 regions within broader SA3	In-scope? ⁹
Geraldton	No
Geraldton - East	No
Geraldton - North	No
Geraldton - South	No
Irwin	No
Meekatharra	No
Morawa	No
Northampton - Mullewa - Greenough	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

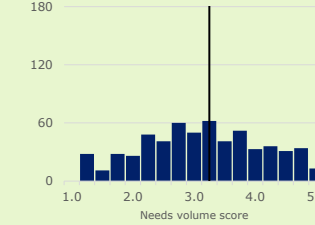
Relative needs score **2.7**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



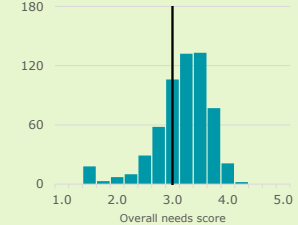
Needs volume score **3.0**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.8**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 187 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.3%	-1.0%	Yes
Population size above minimum threshold	5,700	3,000	Yes
Population size below maximum threshold	5,700	50,000	Yes
Year 10 completions above minimum threshold	87.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	80	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

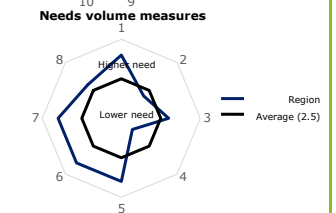
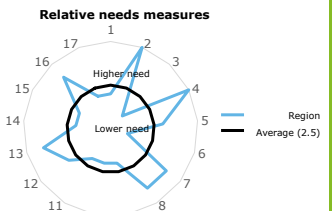
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		3.1%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		-3%
4 Average growth in VET enrolments (2017-21)	Access and participation	10%
5 Proportion of Indigenous population enrolled in HE (2021)		2%
6 Proportion of Indigenous population enrolled in VET (2021)		21%
7 Proportion of population with a tertiary qualification (2021)		14%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		48%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	18%
11 Average VET completion rate (2017-19)		54%
12 Average VET completion rate for Indigenous learners (2017-21)		72%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		78%
14 Proportion of HE graduates gaining employment (2018-21)		82%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	88%
16 Proportion of HE graduating into relevant employment (2018-2021)		67%
17 Average growth in higher skilled labour demand (2015-22)		2%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	95
2 Total VET enrolments (Cert IV above and online) (2021)	demand	15
3 Population (aged 15-64) (2021)	Direct latent	3,327
4 Population growth (2017-2022)	demand	-0.3%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	556
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	258
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent	34,058
8 Broader SA3 population growth (2017-22)	demand	0.5%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Pemberton
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	5,200
Indigenous population	2%
Region size (sqkm)	9,641
Postcode (with largest population)	6260
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	130

Education enrolments	
Higher education (all)	63
Higher education (online only)	26
VET (Cert IV and above, all)	205
VET (Cert IV and above, online only)	13



Broader region information (SA3)

Manjimup	
Population ⁸	23,900
Region size (sqkm)	15,689
HE enrolments (all) (2021)	368
HE enrolments (online only) (2021)	145

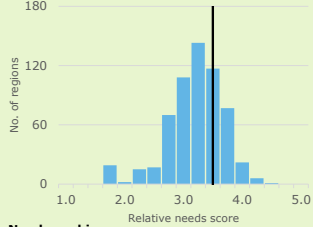
SA2 regions within broader SA3	In-scope? ⁹
Bridgetown - Boyup Brook	No
Donnybrook - Balingup	No
Manjimup	No
Pemberton	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

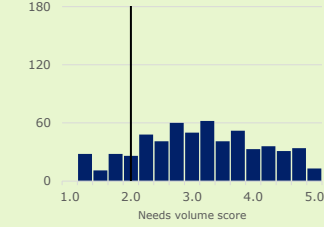
Relative needs score **3.4**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



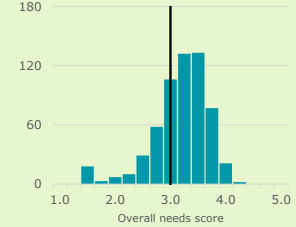
Needs volume score **2.0**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.0**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 154 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.9%	-1.0%	Yes
Population size above minimum threshold	5,200	3,000	Yes
Population size below maximum threshold	5,200	50,000	Yes
Year 10 completions above minimum threshold	89.8%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	130	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

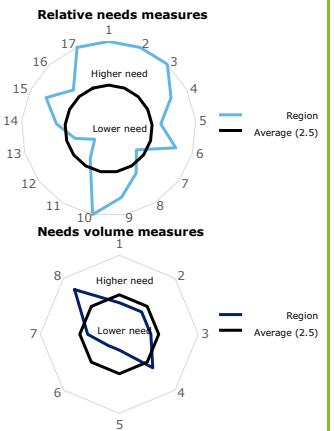
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.1%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		8%
4 Average growth in VET enrolments (2017-21)	Access and participation	4%
5 Proportion of Indigenous population enrolled in HE (2021)		2%
6 Proportion of Indigenous population enrolled in VET (2021)		11%
7 Proportion of population with a tertiary qualification (2021)		20%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		57%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	35%
11 Average VET completion rate (2017-19)		50%
12 Average VET completion rate for Indigenous learners (2017-21)		54%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		75%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	79%
16 Proportion of HE graduating into relevant employment (2018-2021)		72%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	26
2 Total VET enrolments (Cert IV above and online) (2021)		13
3 Population (aged 15-64) (2021)	Direct latent demand	3,044
4 Population growth (2017-2022)		0.9%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	145
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		70
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	13,877
8 Broader SA3 population growth (2017-22)		1.2%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Plantagenet
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	5,400
Indigenous population	3%
Region size (sqkm)	4,384
Postcode (with largest population)	6323
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	54

Education enrolments	
Higher education (all)	81
Higher education (online only)	51
VET (Cert IV and above, all)	300
VET (Cert IV and above, online only)	16



Broader region information (SA3)

Albany	
Population ⁸	61,900
Region size (sqkm)	37,888
HE enrolments (all) (2021)	1,258
HE enrolments (online only) (2021)	587

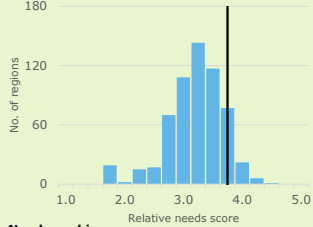
SA2 regions within broader SA3	In-scope? ⁹
Albany	No
Albany Surrounds	No
Bayonet Head - Lower King	No
Denmark	No
Gnowangerup	No
Katanning	No
Kojoonup	No
Little Grove - Elleker	No
McKail - Willyung	No
Plantagenet	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score **3.6**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



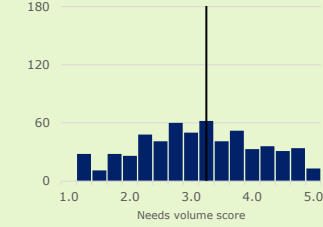
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 41 of 235 regions with no readiness issues identified. Total number of regions is 597.

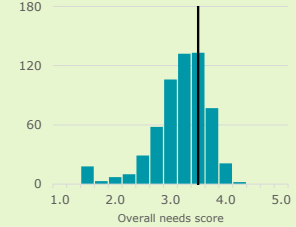
Needs volume score **3.0**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.5**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.5%	-1.0%	Yes
Population size above minimum threshold	5,400	3,000	Yes
Population size below maximum threshold	5,400	50,000	Yes
Year 10 completions above minimum threshold	88.3%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	54	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

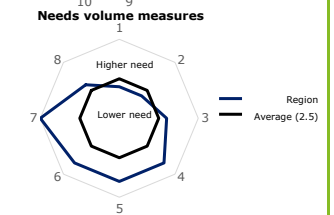
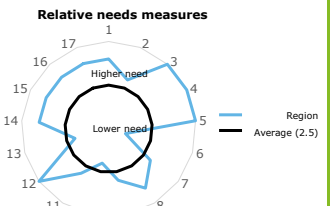
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.5%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		3%
4 Average growth in VET enrolments (2017-21)		18%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		30%
7 Proportion of population with a tertiary qualification (2021)		17%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		54%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	17%
11 Average VET completion rate (2017-19)		56%
12 Average VET completion rate for Indigenous learners (2017-21)		87%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		73%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	80%
16 Proportion of HE graduating into relevant employment (2018-2021)		69%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	51
2 Total VET enrolments (Cert IV above and online) (2021)		16
3 Population (aged 15-64) (2021)	Direct latent demand	3,197
4 Population growth (2017-2022)		1.5%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	587
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		210
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	36,570
8 Broader SA3 population growth (2017-22)		0.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Port Hedland - South Hedland - Custom

WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	15,300
Indigenous population	18%
Region size (sqkm)	116
Postcode (with largest population)	6721
Region type ¹	Custom SA2
ARIA measure	Remote
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	245
Higher education (online only)	166
VET (Cert IV and above, all)	1,290
VET (Cert IV and above, online only)	133



Broader region information (SA3)

East Pilbara	
Population ⁸	25,400
Region size (sqkm)	390,712
HE enrolments (all) (2021)	398
HE enrolments (online only) (2021)	262

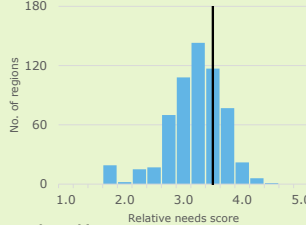
SA2 regions within broader SA3	In-scope? ⁹
East Pilbara	No
Newman	No
Port Hedland	Yes
South Hedland	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

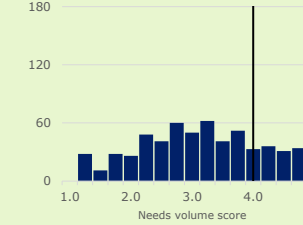
Relative needs score **3.4**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



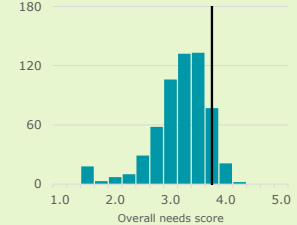
Needs volume score **3.9**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.6**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.8%	-1.0%	Yes
Population size above minimum threshold	15,300	3,000	Yes
Population size below maximum threshold	15,300	50,000	Yes
Year 10 completions above minimum threshold	93.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

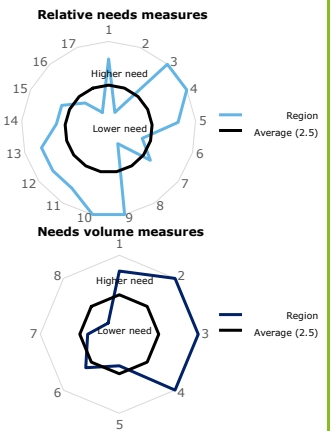
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.6%
2 Proportion of population enrolled in VET (2021)		9%
3 Average growth in HE enrolments (2017-21)		2%
4 Average growth in VET enrolments (2017-21)		7%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		19%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		6
9 Proportion of HE students that complete within 3 years (2018 cohort)		70%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	43%
11 Average VET completion rate (2017-19)		63%
12 Average VET completion rate for Indigenous learners (2017-21)		80%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		79%
14 Proportion of HE graduates gaining employment (2018-21)		78%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	85%
16 Proportion of HE graduating into relevant employment (2018-2021)		74%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	166
2 Total VET enrolments (Cert IV above and online) (2021)		133
3 Population (aged 15-64) (2021)	Direct latent demand	10,948
4 Population growth (2017-2022)		1.8%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	262
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		171
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	19,094
8 Broader SA3 population growth (2017-22)		-0.1%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Roebourne
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	5,200
Indigenous population	21%
Region size (sqkm)	15,105
Postcode (with largest population)	6713
Region type ¹	SA2
ARIA measure	Remote
Distance to nearest campus (km)	41

Education enrolments	
Higher education (all)	69
Higher education (online only)	50
VET (Cert IV and above, all)	350
VET (Cert IV and above, online only)	22



Broader region information (SA3)

West Pilbara	
Population ⁸	29,600
Region size (sqkm)	116,066
HE enrolments (all) (2021)	522
HE enrolments (online only) (2021)	363

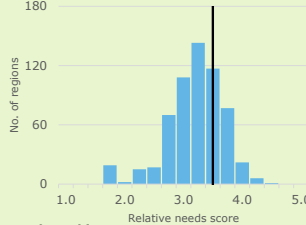
SA2 regions within broader SA3	In-scope? ⁹
Ashburton (WA)	No
Karratha	No
Roebourne	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

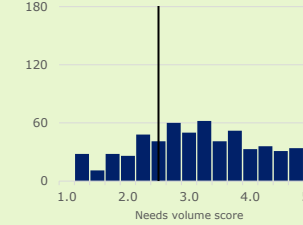
Relative needs score **3.3**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



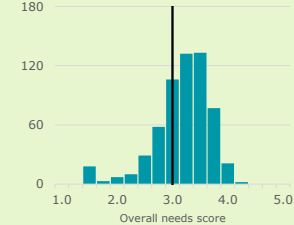
Needs volume score **2.3**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.0**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 137 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.9%	-1.0%	Yes
Population size above minimum threshold	5,200	3,000	Yes
Population size below maximum threshold	5,200	50,000	Yes
Year 10 completions above minimum threshold	90.2%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	41	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

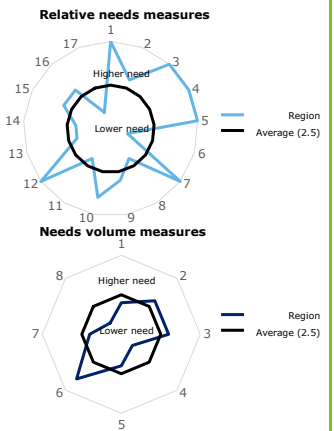
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.3%
2 Proportion of population enrolled in VET (2021)		7%
3 Average growth in HE enrolments (2017-21)		4%
4 Average growth in VET enrolments (2017-21)	Access and participation	7%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		38%
7 Proportion of population with a tertiary qualification (2021)		12%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		5
9 Proportion of HE students that complete within 3 years (2018 cohort)		54%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	31%
11 Average VET completion rate (2017-19)	experience	52%
12 Average VET completion rate for Indigenous learners (2017-21)		89%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)	Transition and outcomes	79%
15 Proportion of HE graduates continuing further study (2018-21)	outcomes	82%
16 Proportion of HE graduating into relevant employment (2018-2021)		71%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	50
2 Total VET enrolments (Cert IV above and online) (2021)	demand	22
3 Population (aged 15-64) (2021)	Direct latent demand	3,790
4 Population growth (2017-2022)	demand	-0.9%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	363
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	223
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	21,235
8 Broader SA3 population growth (2017-22)	demand	-2.8%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Roebuck
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	2,300
Indigenous population	61%
Region size (sqkm)	55,344
Postcode (with largest population)	6725
Region type ¹	SA2
ARIA measure	Very remote
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	326
Higher education (online only)	184
VET (Cert IV and above, all)	110
VET (Cert IV and above, online only)	10



Broader region information (SA3)

Kimberley	
Population ⁸	35,100
Region size (sqkm)	419,245
HE enrolments (all) (2021)	981
HE enrolments (online only) (2021)	568

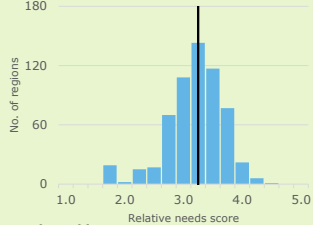
SA2 regions within broader SA3	In-scope? ⁹
Broome	No
Derby - West Kimberley	No
Halls Creek	No
Kununurra	No
Roebuck	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

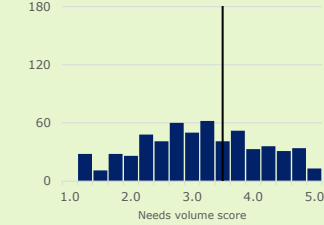
Relative needs score **3.2**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



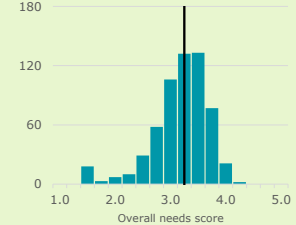
Needs volume score **3.3**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.2**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 3 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

3 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.9%	-1.0%	Yes
Population size above minimum threshold	2,300	3,000	No
Population size below maximum threshold	2,300	50,000	Yes
Year 10 completions above minimum threshold	87.5%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

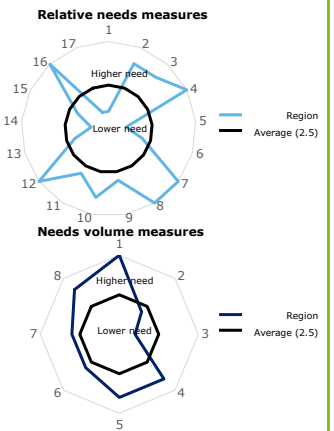
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		13.4%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		0%
4 Average growth in VET enrolments (2017-21)	Access and participation	18%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	4%
6 Proportion of Indigenous population enrolled in VET (2021)		19%
7 Proportion of population with a tertiary qualification (2021)		12%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		1
9 Proportion of HE students that complete within 3 years (2018 cohort)		54%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	30%
11 Average VET completion rate (2017-19)	experience	56%
12 Average VET completion rate for Indigenous learners (2017-21)		85%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		83%
14 Proportion of HE graduates gaining employment (2018-21)		88%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	90%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	63%
17 Average growth in higher skilled labour demand (2015-22)		1%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	184
2 Total VET enrolments (Cert IV above and online) (2021)		10
3 Population (aged 15-64) (2021)	Direct latent demand	1,534
4 Population growth (2017-2022)		0.9%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	568
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		179
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	24,170
8 Broader SA3 population growth (2017-22)		1.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Serpentine - Jarrahdale
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,600
Indigenous population	3%
Region size (sqkm)	589
Postcode (with largest population)	6124
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	39

Education enrolments	
Higher education (all)	144
Higher education (online only)	35
VET (Cert IV and above, all)	335
VET (Cert IV and above, online only)	20



Broader region information (SA3)

Serpentine - Jarrahdale	
Population ⁸	4,600
Region size (sqkm)	905
HE enrolments (all) (2021)	144
HE enrolments (online only) (2021)	35

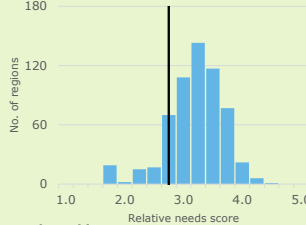
SA2 regions within broader SA3	In-scope? ⁹
Serpentine - Jarrahdale	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

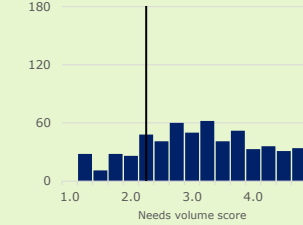
Relative needs score **2.6**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



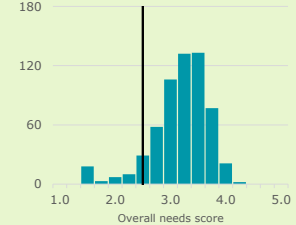
Needs volume score **2.1**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.5**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 1 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

1 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.7%	-1.0%	Yes
Population size above minimum threshold	4,600	3,000	Yes
Population size below maximum threshold	4,600	50,000	Yes
Year 10 completions above minimum threshold	91.9%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	39	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

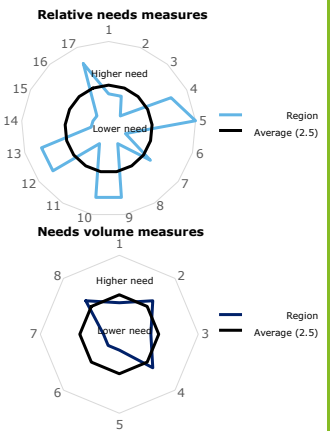
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.9%
2 Proportion of population enrolled in VET (2021)		7%
3 Average growth in HE enrolments (2017-21)		-4%
4 Average growth in VET enrolments (2017-21)		5%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		92%
7 Proportion of population with a tertiary qualification (2021)		17%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		6
9 Proportion of HE students that complete within 3 years (2018 cohort)		58%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	30%
11 Average VET completion rate (2017-19)		33%
12 Average VET completion rate for Indigenous learners (2017-21)		78%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		79%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	35
2 Total VET enrolments (Cert IV above and online) (2021)	demand	20
3 Population (aged 15-64) (2021)	Direct latent demand	3,035
4 Population growth (2017-2022)	demand	0.7%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	35
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	20
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	3,035
8 Broader SA3 population growth (2017-22)	demand	0.7%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Toodyay
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,600
Indigenous population	3%
Region size (sqkm)	1,692
Postcode (with largest population)	6083
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	65

Education enrolments	
Higher education (all)	192
Higher education (online only)	63
VET (Cert IV and above, all)	280
VET (Cert IV and above, online only)	24



Broader region information (SA3)

Wheat Belt - North	
Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

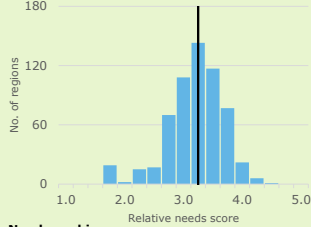
SA2 regions within broader SA3	In-scope? ⁹
Chittering	No
Cunderdin	No
Dowerin	No
Gingin - Dandaragan	No
Merredin	No
Moora	No
Mukinbudin	No
Northam	No
Toodyay	Yes
York - Beverley	No

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

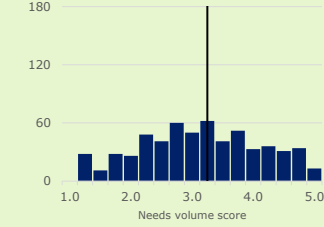
Relative needs score **3.2**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



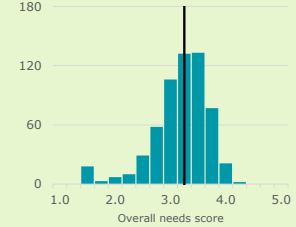
Needs volume score **3.1**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.2**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Ranked 112 of 235 regions with no readiness issues identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

No initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	1.3%	-1.0%	Yes
Population size above minimum threshold	4,600	3,000	Yes
Population size below maximum threshold	4,600	50,000	Yes
Year 10 completions above minimum threshold	89.4%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	65	40	Yes

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

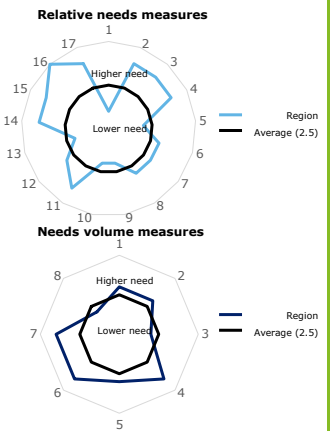
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		4.2%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		2%
4 Average growth in VET enrolments (2017-21)	Access and participation	5%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	2%
6 Proportion of Indigenous population enrolled in VET (2021)		15%
7 Proportion of population with a tertiary qualification (2021)		18%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		46%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	17%
11 Average VET completion rate (2017-19)	experience	63%
12 Average VET completion rate for Indigenous learners (2017-21)		71%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		86%
14 Proportion of HE graduates gaining employment (2018-21)		70%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	78%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	59%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	63
2 Total VET enrolments (Cert IV above and online) (2021)	demand	24
3 Population (aged 15-64) (2021)	Direct latent demand	2,739
4 Population growth (2017-2022)	demand	1.3%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)	demand	0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Two Rocks
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	3,800
Indigenous population	5%
Region size (sqkm)	55
Postcode (with largest population)	6037
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	32

Education enrolments	
Higher education (all)	96
Higher education (online only)	32
VET (Cert IV and above, all)	235
VET (Cert IV and above, online only)	11



Broader region information (SA3)

Wanneroo	
Population ⁸	3,800
Region size (sqkm)	684
HE enrolments (all) (2021)	96
HE enrolments (online only) (2021)	32

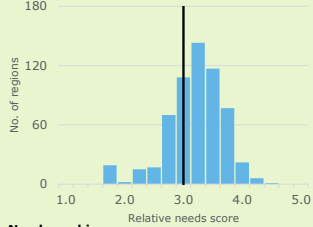
SA2 regions within broader SA3	In-scope? ⁹
Two Rocks	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

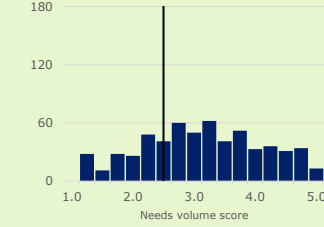
Relative needs score **2.9**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



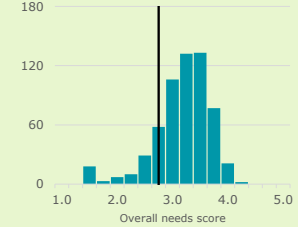
Needs volume score **2.3**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **2.7**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 1 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

1 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	5.1%	-1.0%	Yes
Population size above minimum threshold	3,800	3,000	Yes
Population size below maximum threshold	3,800	50,000	Yes
Year 10 completions above minimum threshold	91.4%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	32	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

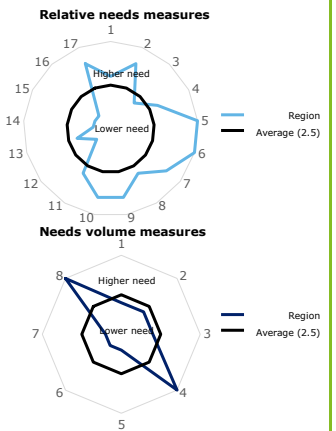
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		2.4%
2 Proportion of population enrolled in VET (2021)		6%
3 Average growth in HE enrolments (2017-21)		-3%
4 Average growth in VET enrolments (2017-21)		1%
5 Proportion of Indigenous population enrolled in HE (2021)	Access and participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		7%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		57%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	30%
11 Average VET completion rate (2017-19)		56%
12 Average VET completion rate for Indigenous learners (2017-21)		58%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		100%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	100%
16 Proportion of HE graduating into relevant employment (2018-2021)		100%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	32
2 Total VET enrolments (Cert IV above and online) (2021)		11
3 Population (aged 15-64) (2021)	Direct latent demand	2,383
4 Population growth (2017-2022)		5.1%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	32
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)		11
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	2,383
8 Broader SA3 population growth (2017-22)		5.1%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

Wagin
WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	4,900
Indigenous population	2%
Region size (sqkm)	9,400
Postcode (with largest population)	6309
Region type ¹	SA2
ARIA measure	Outer regional
Distance to nearest campus (km)	28

Education enrolments	
Higher education (all)	69
Higher education (online only)	31
VET (Cert IV and above, all)	185
VET (Cert IV and above, online only)	18



Broader region information (SA3)

Wheat Belt - South	
Population ⁸	19,400
Region size (sqkm)	48,763
HE enrolments (all) (2021)	358
HE enrolments (online only) (2021)	152

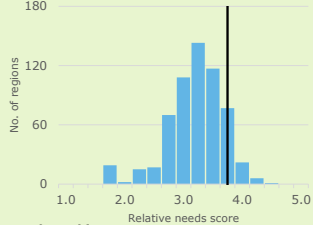
SA2 regions within broader SA3	In-scope? ⁹
Brookton	No
Kulin	No
Murray	No
Narrogin	No
Wagin	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

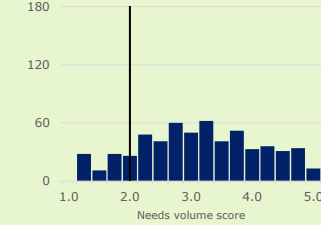
Relative needs score **3.6**

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



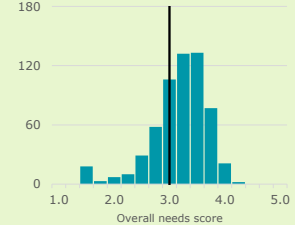
Needs volume score **1.8**

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score **3.0**

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 1 readiness issue/s identified. Total number of regions is 597.

READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

1 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	0.0%	-1.0%	Yes
Population size above minimum threshold	4,900	3,000	Yes
Population size below maximum threshold	4,900	50,000	Yes
Year 10 completions above minimum threshold	89.1%	75.0%	Yes
Existing RUC or university campus in region ⁴	No	No	Yes
Nearest campus above minimum distance threshold (km) ⁵	28	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

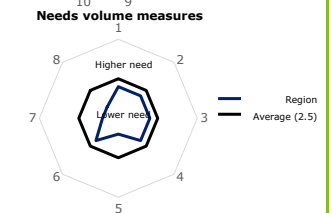
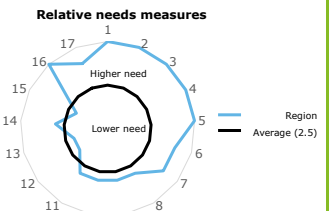
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.4%
2 Proportion of population enrolled in VET (2021)		4%
3 Average growth in HE enrolments (2017-21)		3%
4 Average growth in VET enrolments (2017-21)	Access and participation	11%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		12%
7 Proportion of population with a tertiary qualification (2021)		15%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		4
9 Proportion of HE students that complete within 3 years (2018 cohort)		52%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	26%
11 Average VET completion rate (2017-19)	experience	57%
12 Average VET completion rate for Indigenous learners (2017-21)		64%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)	Transition and outcomes	77%
15 Proportion of HE graduates continuing further study (2018-21)	outcomes	87%
16 Proportion of HE graduating into relevant employment (2018-2021)		55%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current	31
2 Total VET enrolments (Cert IV above and online) (2021)	demand	18
3 Population (aged 15-64) (2021)	Direct latent demand	2,832
4 Population growth (2017-2022)	demand	0.0%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current	152
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	86
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	11,459
8 Broader SA3 population growth (2017-22)	demand	-0.7%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

1. Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
2. Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
3. Met? - Whether or not a region meets a readiness threshold.
4. Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
5. Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
6. Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
7. Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
8. SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
9. This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.

REGIONAL NEEDS DASHBOARD

Original DAE note: "This dashboard is intended as an initial and preliminary assessment of the relative needs of a region for a Regional University Centre. It accompanies a report titled 'Scoping study to inform future locations for Regional University Centres' delivered to the Australian Government Department of Education, Skills and Employment on November 2021. * Department of Education Integrated Data Analytics team has updated data inputs, delivered to Regional Policy team June 2024.

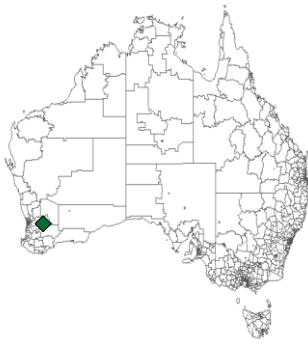
York - Beverley WA

CONTEXTUAL INFORMATION

Demographic and other key contextual information related to the region, including the broader SA3 region.

Regional information	
Population	5,200
Indigenous population	4%
Region size (sqkm)	4,502
Postcode (with largest population)	6302
Region type ¹	SA2
ARIA measure	Inner regional
Distance to nearest campus (km)	0

Education enrolments	
Higher education (all)	82
Higher education (online only)	28
VET (Cert IV and above, all)	200
VET (Cert IV and above, online only)	17



Broader region information (SA3)

Wheat Belt - North	
Population ⁸	55,900
Region size (sqkm)	110,695
HE enrolments (all) (2021)	1,186
HE enrolments (online only) (2021)	453

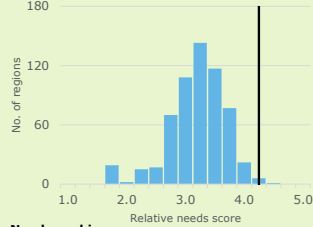
SA2 regions within broader SA3	In-scope? ⁹
Chittering	No
Cunderdin	No
Dowerin	No
Gingin - Dandaragan	No
Merredin	No
Moora	No
Mukinbudin	No
Northam	No
Toodyay	No
York - Beverley	Yes

REGIONAL NEEDS RESULTS

Summary of the key needs results, including the relative scoring of this region to all assessed regions. The overall score is a function of the 'relative needs' and 'needs volume' of a region. All regions receive an overall needs score, however, regions with an identified readiness threshold issue do not receive a ranking.

Relative needs score 4.2

An assessment to determine the relative extent of a community's underrepresentation in access to and achievement of positive tertiary outcomes. Regions are assessed from largest relative need (5) to smallest relative need (1).



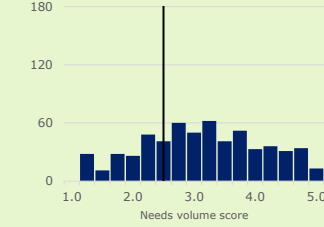
Needs ranking

Regions that do not have any readiness issues identified are then ranked by the overall needs score.

Has no ranking with 2 readiness issue/s identified. Total number of regions is 597.

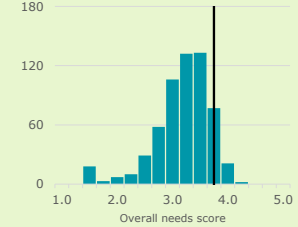
Needs volume score 2.4

An assessment of total need or demand (i.e. volume) for Centre services within the region. Regions are assessed from largest volume (5) to smallest volume (1).



Overall needs score 3.7

A weighted average of relative needs and needs volume to determine the overall needs score and ranking of a region. Regions are scored between highest need (5) and lowest need (1).



READINESS THRESHOLD

These factors inform the initial threshold considerations for the level of readiness for a community to establish a RUC, and the likelihood of success if a RUC is established.

2 initial readiness issues identified

Measure	Value	Threshold ²	Met? ³
Population growth above minimum threshold	-0.1%	-1.0%	Yes
Population size above minimum threshold	5,200	3,000	Yes
Population size below maximum threshold	5,200	50,000	Yes
Year 10 completions above minimum threshold	88.3%	75.0%	Yes
Existing RUC or university campus in region ⁴	Yes	No	No
Nearest campus above minimum distance threshold (km) ⁵	0	40	No

WEIGHTINGS

Weightings have been applied to the relative needs measures and overall needs scores.

Relative needs weightings ⁶	
Access and participation	40%
Retention and experience	40%
Transition and outcomes	20%

Overall needs weightings ⁷	
Relative needs	70%
Needs volume	30%

NEEDS MEASURES

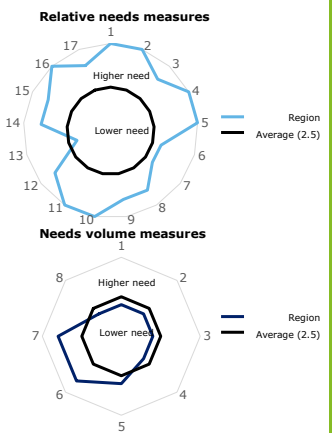
The specific measures used to determine the overall needs score and ranking. Values for each measure are normalised between 1 (lower need) to 5 (higher need) to support comparisons between regions and aggregating multiple measures. The radar charts (right) present the normalised values for each measure; scores below average (inside the black circle) represent lower levels of needs, whereas scores above average (outside the black circle) represent higher levels of need.

Relative needs measure	Theme	Value
1 Proportion of population enrolled in HE (2021)		1.4%
2 Proportion of population enrolled in VET (2021)		5%
3 Average growth in HE enrolments (2017-21)		2%
4 Average growth in VET enrolments (2017-21)	Access and participation	12%
5 Proportion of Indigenous population enrolled in HE (2021)	participation	1%
6 Proportion of Indigenous population enrolled in VET (2021)		15%
7 Proportion of population with a tertiary qualification (2021)		18%
8 Level of disadvantage (SEIFA deciles, where 1 = most disadvantaged) (2021)		3
9 Proportion of HE students that complete within 3 years (2018 cohort)		57%
10 Proportion of HE students that unenrol within 4 years (2018 cohort)	Retention and experience	36%
11 Average VET completion rate (2017-19)	experience	66%
12 Average VET completion rate for Indigenous learners (2017-21)		79%
13 Proportion of HE graduates satisfied with overall experience (2017-21)		100%
14 Proportion of HE graduates gaining employment (2018-21)		70%
15 Proportion of HE graduates continuing further study (2018-21)	Transition and outcomes	78%
16 Proportion of HE graduating into relevant employment (2018-2021)	outcomes	59%
17 Average growth in higher skilled labour demand (2015-22)		4%

Needs volume measures	Theme	Value
1 Total HE enrolments (online) (2021)	Direct current demand	28
2 Total VET enrolments (Cert IV above and online) (2021)	demand	17
3 Population (aged 15-64) (2021)	Direct latent demand	2,710
4 Population growth (2017-2022)	demand	-0.1%
5 Broader SA3 HE enrolments (online) (2021)	Indirect current demand	453
6 Broader SA3 VET enrolments (Cert IV above and online) (2021)	demand	191
7 Broader SA3 population (aged 15-64) (2021)	Indirect latent demand	33,418
8 Broader SA3 population growth (2017-22)	demand	0.3%

Normalised values

Values are normalised between 1 (lower need) and 5 (higher need) to better compare regions.



Additional notes:

- Region types are either 'SA2', 'Custom SA2' or 'SA3'. The different groupings are required to better reflect economic regions and compare geographic locations.
- Threshold - the level set for each readiness threshold measure that a region must pass in order to be considered in-scope for a Centre.
- Met? - Whether or not a region meets a readiness threshold.
- Campus - an existing campus is defined as either being an existing RUC campus or a higher education institution that offers over 5 subjects and has more than 100 full time students.
- Minimum distance - defined as the minimum distance in km between the region and an SA2 region with an existing university campus or RUC.
- Relative needs weightings - the weighting that is applied to the combined score of relative needs measures corresponding to their relevant indicator.
- Overall needs weightings - the weighting that is applied to all volume measures and all relative needs measures when calculating the overall needs score.
- SA3 population - the population of the broader SA3 region, excluding any metropolitan sub-areas.
- This table captures all the regions within the broader SA3 region (excluding any metropolitan sub-areas). 'In-scope' indicates whether a location is included in the dashboard analysis.