

Contents

			•	
Background and objectives		Art centres and libraries	<u>85</u>	
Key findings and recommendations	<u>4</u>	Community and cultural activities	<u>89</u>	
Detailed findings	<u>12</u>	Waste management	<u>93</u>	
Overall performance	<u>13</u>	Environmental sustainability	<u>97</u>	
<u>Customer service</u>	<u>31</u>	Emergency and disaster management	<u>101</u>	
Communication	<u>37</u>	Planning for population growth	<u>105</u>	
Council direction	<u>42</u>	Maintenance of unsealed roads	<u>109</u>	
Individual service areas	<u>48</u>	Business and community development	<u>113</u>	
Community consultation and engagement	<u>49</u>	Detailed demographics	<u>117</u>	
Lobbying on behalf of the community	<u>53</u>	Appendix A: Index scores, margins of error	<u>120</u>	
Decisions made in the interest of the community		and significant differences		
		Appendix B: Further project information	<u>125</u>	
Condition of sealed local roads	<u>57</u>			
Informing the community	<u>61</u>			
Condition of local streets and footpaths	<u>65</u>			
Traffic management	<u>69</u>			
Enforcement of local laws	<u>71</u>			
Family support services	<u>73</u>			
Recreational facilities	<u>77</u>			
Appearance of public areas	81			

Background and objectives

The Victorian Community Satisfaction Survey (CSS) creates a vital interface between the council and their community.

Held annually, the CSS asks the opinions of local people about the place they live, work and play and provides confidence for councils in their efforts and abilities.

Now in its twenty-second year, this survey provides insight into the community's views on:

- councils' overall performance, with benchmarking against State-wide and council group results
- · value for money in services and infrastructure
- community consultation and engagement
- decisions made in the interest of the community
- customer service, local infrastructure, facilities, services and
- · overall council direction.

When coupled with previous data, the survey provides a reliable historical source of the community's views since 1998. A selection of results from the last ten years shows that councils in Victoria continue to provide services that meet the public's expectations.

Serving Victoria for 22 years

Each year the CSS data is used to develop this State-wide report which contains all of the aggregated results, analysis and data. Moreover, with 22 years of results, the CSS offers councils a long-term measure of how they are performing – essential for councils that work over the long term to provide valuable services and infrastructure to their communities.

Participation in the State-wide Local Government Community Satisfaction Survey is optional. Participating councils have various choices as to the content of the questionnaire and the sample size to be surveyed, depending on their individual strategic, financial and other considerations.



Cardinia Shire Council – at a glance



Overall council performance

Results shown are index scores out of 100.



Cardinia 61



State-wide 61



Interface 59

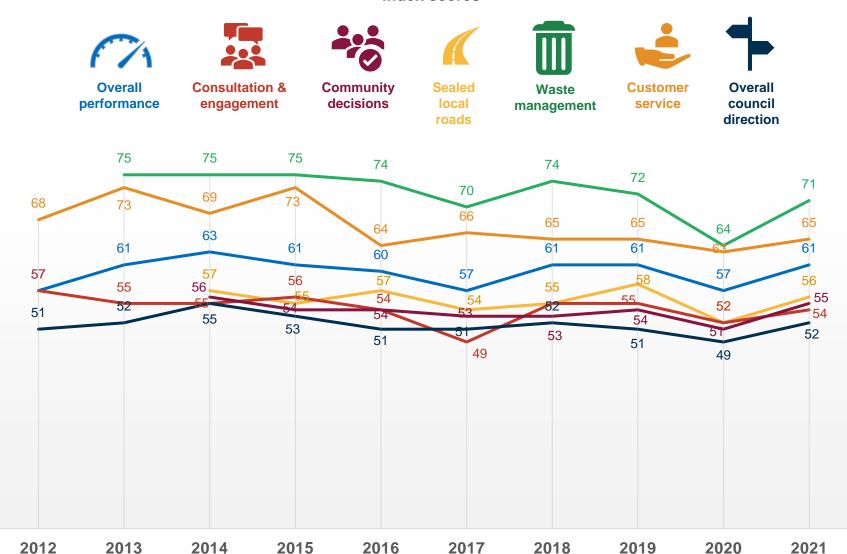
Council performance compared to State-wide and group averages

The three areas where Council **Areas where Council** performance is significantly performance is significantly lower by the widest margin higher Population growth None Lobbying Appearance of public areas Unsealed roads None Lobbying Family support services

Summary of core measures



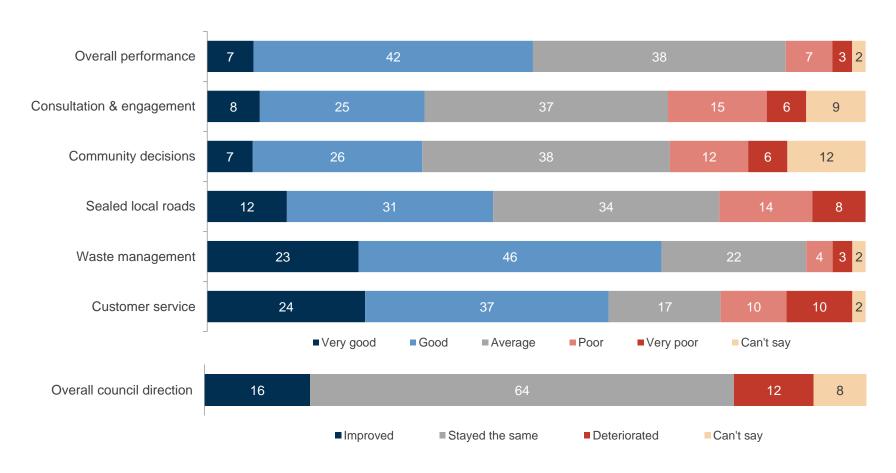
Index scores



Summary of core measures



Core measures summary results (%)



Summary of Cardinia Shire Council performance



Service	s	Cardinia 2021	Cardinia 2020	Interface 2021	State-wide 2021	Highest score	Lowest score
(%	Overall performance	61	57	59	61	Aged 18-34 years	Aged 50-64 years
\$	Value for money	54	-	54	54	Aged 18-34 years	Aged 50-64 years
+	Overall council direction	52	49	50	53	Aged 18-34 years	Aged 50-64 years
ċ	Customer service	65	63	68	70	Aged 18-34 years	Southern Rural residents
	Waste management	71	64	71	69	Aged 18-34 years	Aged 50-64 years
\$ /	Art centres & libraries	70	71	71	73	Aged 65+ years	Aged 18-34 years
ż	Recreational facilities	69	67	68	71	Aged 65+ years	Southern Rural residents
泣	Emergency & disaster mngt	69	64	69	71	Aged 18-34 years	Aged 50-64 years
<u>.</u>	Appearance of public areas	68	64	68	73	Aged 18-34 years	Aged 50-64 years
2	Environmental sustainability	63	55	62	62	Aged 18-34 years	Aged 65+ years

Summary of Cardinia Shire Council performance



Service	s	Cardinia 2021	Cardinia 2020	Interface 2021	State-wide 2021	Highest score	Lowest score
***	Family support services	62	60	65	66	Men	Aged 50-64 years
C. E.	Community & cultural	61	66	62	65	Aged 18-34 years	Aged 50-64 years
	Enforcement of local laws	61	56	63	64	Aged 18-34 years	Aged 50-64 years
	Business & community dev.	60	58	61	60	Aged 18-34 years	Aged 50-64 years
Mile C	Local streets & footpaths	57	52	58	59	Aged 18-34 years	Hills residents
A	Sealed local roads	56	52	57	57	Aged 65+ years	Hills residents
	Informing the community	56	54	58	60	Aged 18-34 years	Aged 50-64 years
***	Community decisions	55	51	55	56	Aged 18-34 years	Aged 50-64 years
	Consultation & engagement	54	52	53	56	Aged 18-34 years	Aged 50-64 years
<u> </u>	Lobbying	49	48	52	55	Southern Rural residents	Aged 50-64 years

Summary of Cardinia Shire Council performance



Service	es	Cardinia 2021	Cardinia 2020	Interface 2021	State-wide 2021	Highest score	Lowest score
	Population growth	47	45	47	53	Aged 65+ years	Aged 35-49 years
	Unsealed roads	43	38	47	45	Aged 18-34 years	Southern Rural residents

Focus areas for the next 12 months



Overview

Perceptions of Council's performance on many service areas evaluated have significantly improved over the past year, recovering from significant declines seen last year. This is likely to have contributed to a significant four-point improvement in perceptions of Council's overall performance (index score of 61). The only service area to experience a significant decline in ratings this year is community and cultural activities (index score of 61), which has dropped five points to its lowest point to date.

Key influences on perceptions of overall performance

Cardinia Shire Council should focus on improving performance in the individual service areas that most influence perceptions of overall performance. Attention should be paid to planning for population growth and lobbying, where performance is poorly rated, but which have a moderate-to-strong influence on overall performance. Council should also aim to improve performance on community decisions and the condition of sealed roads, where performance is moderate but which have a strong influence on overall performance.

Comparison to state and area grouping

Two areas that stand out as needing attention are unsealed roads and lobbying, which are two of Council's lowest rated service areas and two of only three areas that are rated significantly lower than the Interface group average (along with family support services). Lobbying and family support services are also rated significantly lower than the State-wide average. In general, Council is rated in-line with the Interface group average on most measures, but significantly below the State-wide average on nine out of 21 measures.

Maintain gains achieved to date

Over the past 12 months, Council has seen a number of significant improvements, recovering losses seen on most measures in 2020. Council should look to consolidate and build on its current position, with a view to ensuring perceptions are, at a minimum, maintained. The strongest improvements this year were on environmental sustainability (index score of 63, up eight points) and waste management (index score of 71, up seven points).

DETAILED FINDINGS





The overall performance index score of 61 for Cardinia Shire Council represents a significant four-point improvement on the 2020 result.

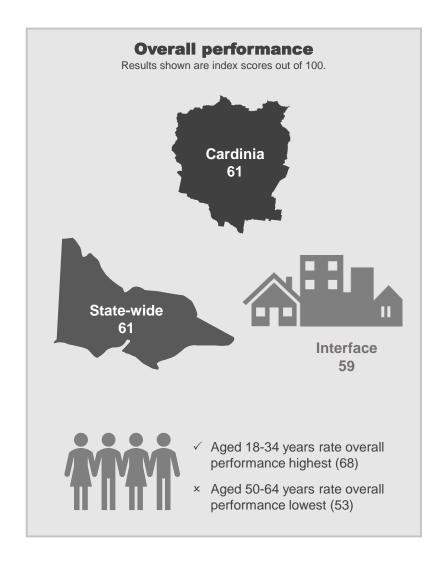
 Overall performance is now back in line with results seen across 2015-16 and 2018-19.

Cardinia Shire Council's overall performance is rated in line with the Interface group and the State-wide averages for councils (index scores of 59 and 61 respectively), both of which also recorded significant ratings increases this year.

Perceptions of overall performance are statistically significantly higher (at the 95% confidence interval) among people aged 18 to 34 years (index score of 68) and significantly lower among people aged 50 to 64 years (53).

 Ratings among people aged 18 to 34 years, men and residents in the Hills area have improved significantly in the last 12 months.

More than a third of residents (37%) rate the value for money they receive from Council for services and infrastructure provided to their community as 'very good' or 'good'. This is more than the proportion who rate Council as 'very poor' or 'poor' (21%). A further 37% rate Council as 'average' in terms of providing value for money.



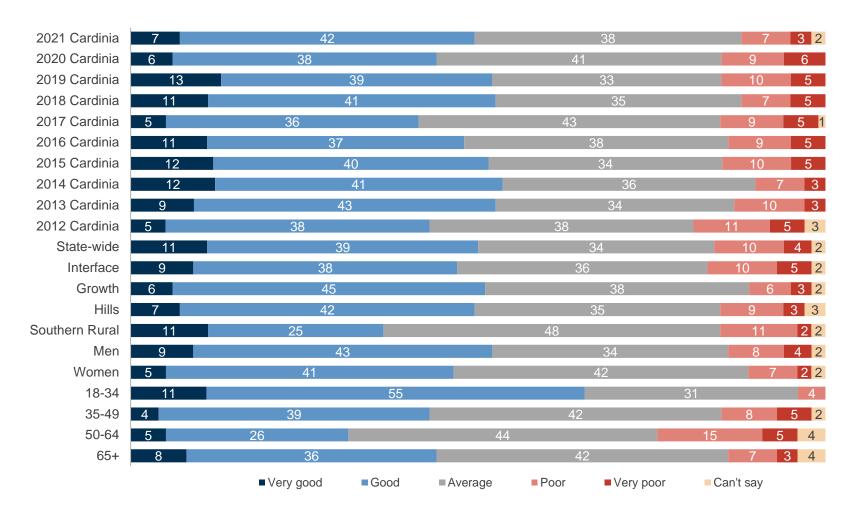


2021 overall performance (index scores)





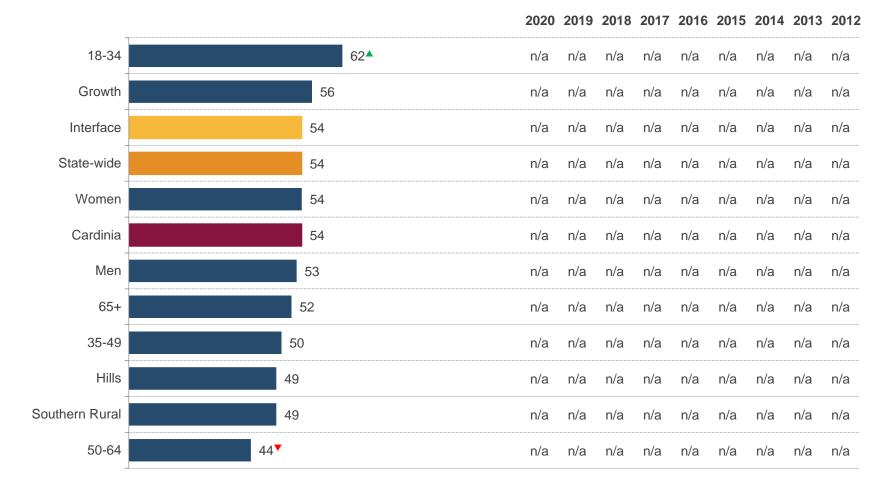
2021 overall performance (%)



Value for money in services and infrastructure



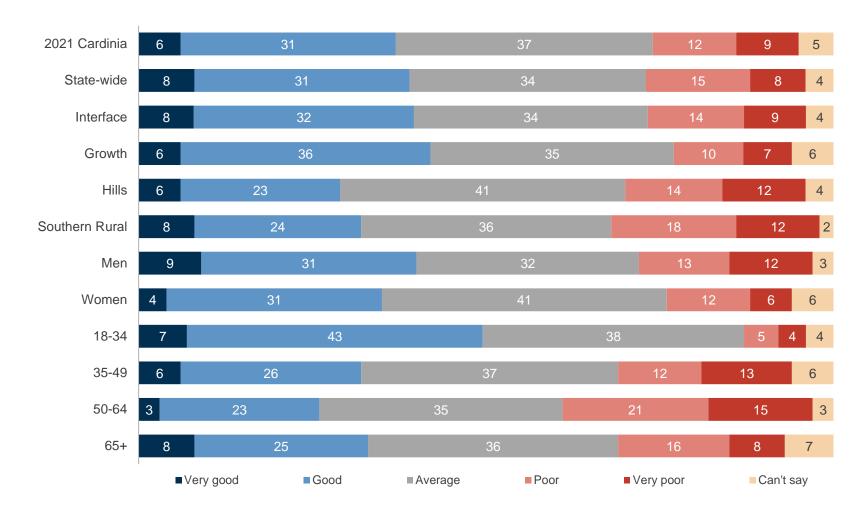
2021 value for money (index scores)



Value for money in services and infrastructure



2021 value for money (%)



Top performing service areas

Waste management (index score of 71) is where Council performed best in 2021, improving by a significant seven index points from 2020 (but noting this is in line with a significant increase on waste management in the Interface group).

- Council performs in line with the Interface and Statewide average on this measure. Perceptions among younger residents aged 18 to 34 years are significantly higher than the Council average.
- Ratings among people aged 18 to 34 years, men, women and residents in the Growth area have improved significantly in the last 12 months.

Art centres and libraries, recreational facilities, emergency and disaster management and the appearance of public areas are the next highest rated areas (index scores of 70, 69, 69 and 68 respectively).

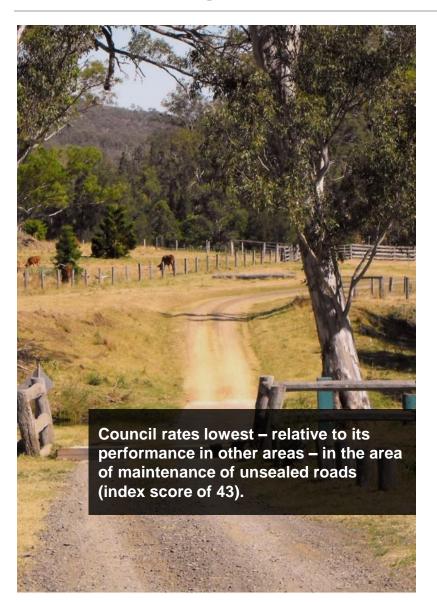
- Ratings on emergency and disaster management and the appearance of public areas have improved significantly since 2020.
- Council performs in line with the Interface average on all four measures, but significantly below the State-wide average on art centres and libraries and the appearance of public areas.

Council's most improved measure is environmental sustainability (index score of 63, up eight points).



Low performing service areas





Community and cultural activities (performance index of 61, down five points) is the only area that experienced a statistically significant decline in 2021 (but noting this is in line with a significant decline on this measure State-wide and in the Interface group).

Council rates lowest – relative to its performance in other areas – in the area of unsealed roads (index score of 43).

- Positively, performance perceptions on this measure have increased significantly, following trend decline since 2018. Ratings are now back closer to previous highs seen in 2014-15 and 2018.
- However, while Council rates in line with the Statewide average, Council performs significantly below the Interface group average. Further, on unsealed roads there is the largest differential for any service on rated importance versus perceived performance.
- One in ten name unsealed road maintenance (9%) as an area in need of improvement, second only to sealed road maintenance (16%).
- Perceptions of unsealed roads differ by area, suggesting the issue may be localised, with ratings among residents in the Southern Rural and Hills areas (index scores of 36 and 40) lower than those in the Growth area (index score of 46).

Individual service area performance



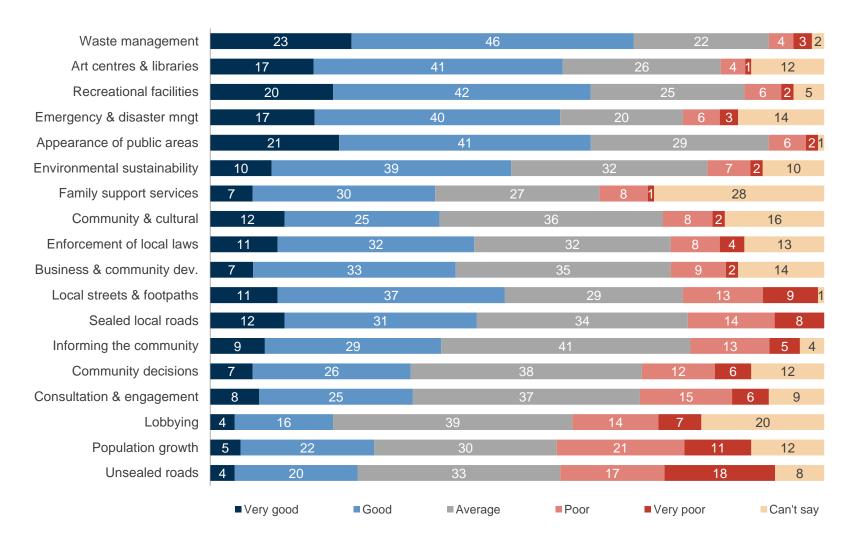
2021 individual service area performance (index scores)



Individual service area performance



2021 individual service area performance (%)



Individual service area importance



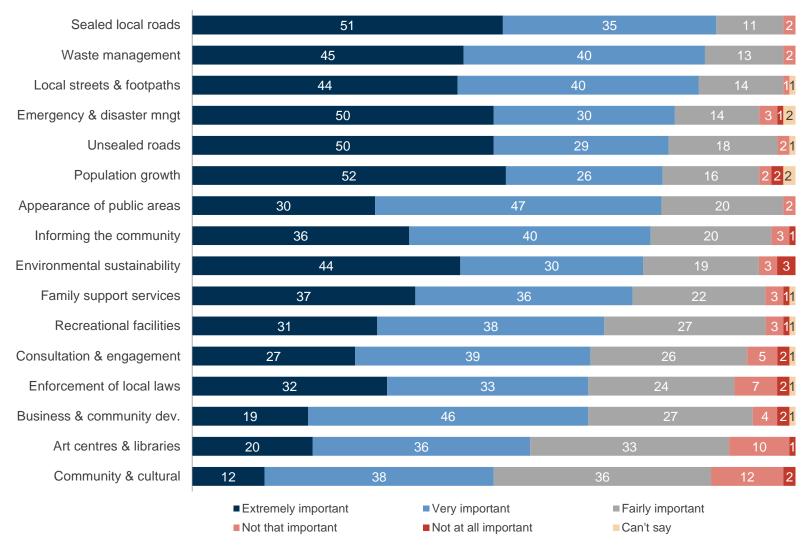
2021 individual service area importance (index scores)



Individual service area importance



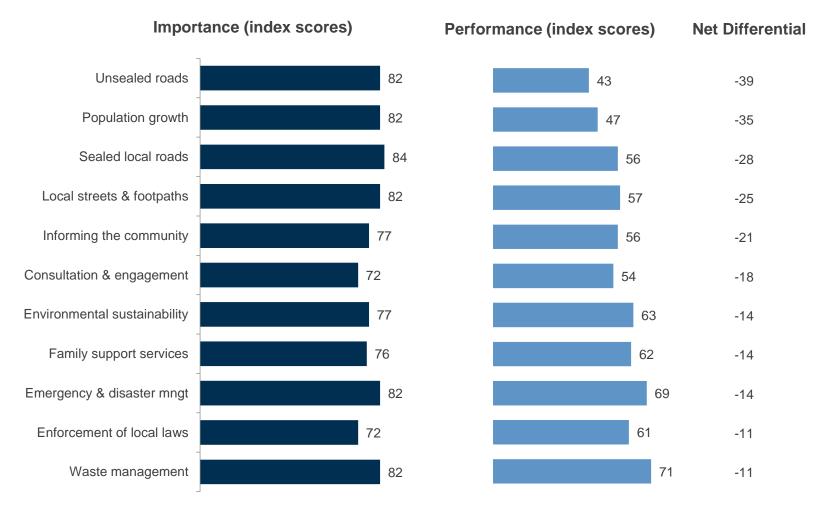
2021 individual service area importance (%)



Individual service areas importance vs performance



Service areas where importance exceeds performance by 10 points or more, suggesting further investigation is necessary.



Influences on perceptions of overall performance



The individual service area that has the strongest influence on the overall performance rating (based on regression analysis) is:

· Decisions made in the interest of the community.

Good communication and transparency with residents about decisions Council has made in the community's interest provides the greatest opportunity to drive up overall opinion of Council's performance.

Following on from that, other individual service areas with a moderate-to-strong influence on the overall performance rating are:

- The condition of sealed local roads
- · Lobbying on behalf of the community
- Planning for population growth
- The appearance of public areas
- Business and community development.

Looking at these key service areas only, the appearance of public areas has a high performance index (68) and Council also performs relatively well in the area of business and community development (60). Both service areas have a moderate influence on the overall performance rating and maintaining these

positive results should remain a focus but there is greater work to be done elsewhere.

The condition of sealed local roads has a strong influence on overall perceptions but Council is performing relatively less well in this area (performance index score of 56).

Continuing to ensure that sealed local roads are well maintained will help lift perceptions of Council's overall performance.

However, most in need of attention is Council's planning for population growth and lobbying on behalf of the community. Both are poorly rated (performance index of 47 and 49 respectively) and have a moderate-to-strong influence on overall community opinion.

Demonstrating Council plans to manage population growth and efforts to advance and defend local interests in this area can also help shore up positive opinion of Council.

Regression analysis explained



We use regression analysis to investigate which individual service areas, such as community consultation, condition of sealed local roads, etc. (the independent variables) are influencing respondent perceptions of overall council performance (the dependent variable).

In the charts that follow:

- The horizontal axis represents the council performance index for each individual service.
 Service areas appearing on the right-side of the chart have a higher performance index than those on the left.
- The vertical axis represents the Standardised Beta Coefficient from the multiple regression performed.
 This measures the contribution of each service area to the model. Service areas near the top of the chart have a greater positive effect on overall performance ratings than service areas located closer to the axis.

The regressions are shown on the following two charts.

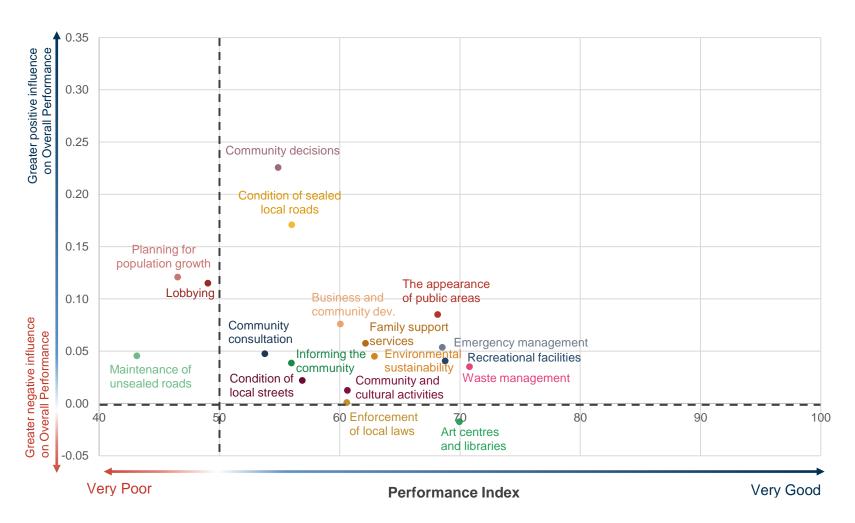
- The first chart shows the results of a regression analysis of all individual service areas selected by Council.
- 2. The second chart shows the results of a regression performed on a smaller set of service areas, being those with a moderate-to-strong influence on overall performance. Service areas with a weaker influence on overall performance (i.e. a low Standardised Beta Coefficient) have been excluded from the analysis.

Key insights from this analysis are derived from the second chart.

Influence on overall performance: all service areas



2021 regression analysis (all service areas)

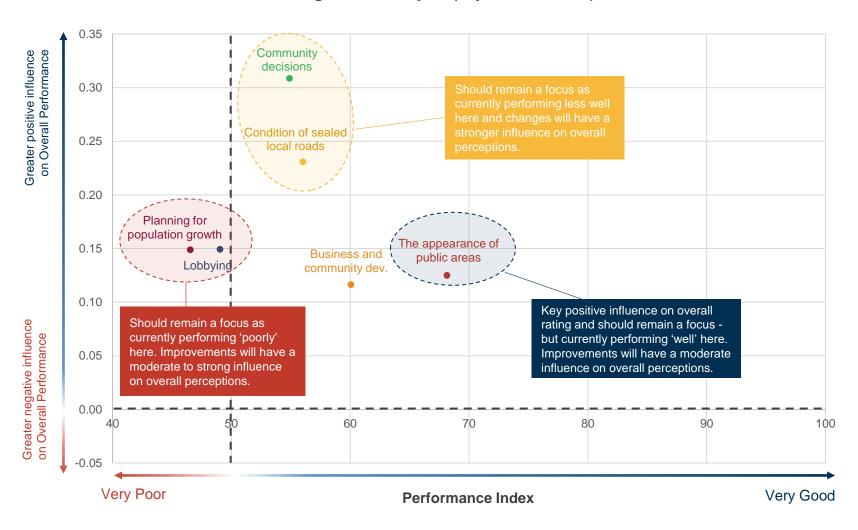


The multiple regression analysis model above (all service areas) has an R^2 value of 0.598 and adjusted R^2 value of 0.579, which means that 60% of the variance in community perceptions of overall performance can be predicted from these variables. The overall model effect was statistically significant at p = 0.0001, F = 31.42. This model should be interpreted with some caution as some data is not normally distributed and not all service areas have linear correlations.

Influence on overall performance: key service areas



2021 regression analysis (key service areas)



Areas for improvement







Customer service

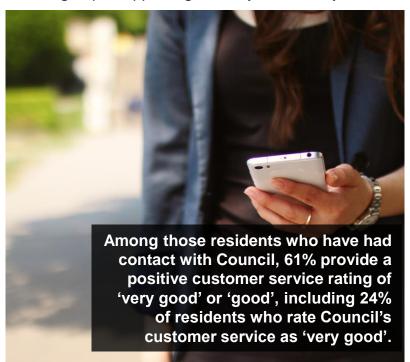
Contact with council and customer service



Contact with council

Two thirds of Council residents (67%) have had contact with Council in the last 12 months. Rate of contact is one percentage point higher than last year and significantly higher than the rate of contact State-wide and in the Interface group.

Residents in the Southern Rural area have the least amount of contact with Council, while rate of contact among 50 to 64 year olds, previously the highest contact group, dropped significantly in the last year.



Customer service

Council's customer service index of 65 represents a two-point improvement on the 2020 result. This is not a significant change, but the customer service index score is back similar to results seen across 2016 to 2019, although not back to the peak rating of 73 recorded in 2013 and 2015.

Customer service is rated in line with the Interface group average but significantly lower than the Statewide average (index scores of 68 and 70 respectively).

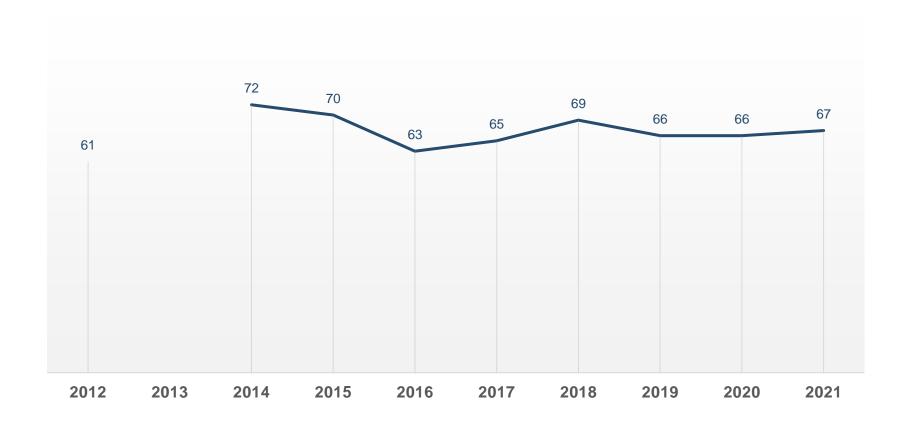
Among those residents who have had contact with Council, six in ten (61%) provide a positive customer service rating of 'very good' or 'good'.

- After a significant decline in 2020, perceptions of customer service among residents aged 18 to 34 years have improved significantly this year.
- Notably, customer service ratings are lowest among Southern Rural residents (index score of 55). This may warrant some extra attention.

Contact with council



2021 contact with council (%) Have had contact



Q5. Over the last 12 months, have you or any member of your household had any contact with Cardinia Shire Council? This may have been in person, in writing, by telephone conversation, by text message, by email or via their website or social media such as Facebook or Twitter?

Contact with council



2021 contact with council (%)



Q5. Over the last 12 months, have you or any member of your household had any contact with Cardinia Shire Council? This may have been in person, in writing, by telephone conversation, by text message, by email or via their website or social media such as Facebook or Twitter?

Base: All respondents. Councils asked state-wide: 39 Councils asked group: 4 Note: Please see Appendix A for explanation of significant differences.

Customer service rating



2021 customer service rating (index scores)

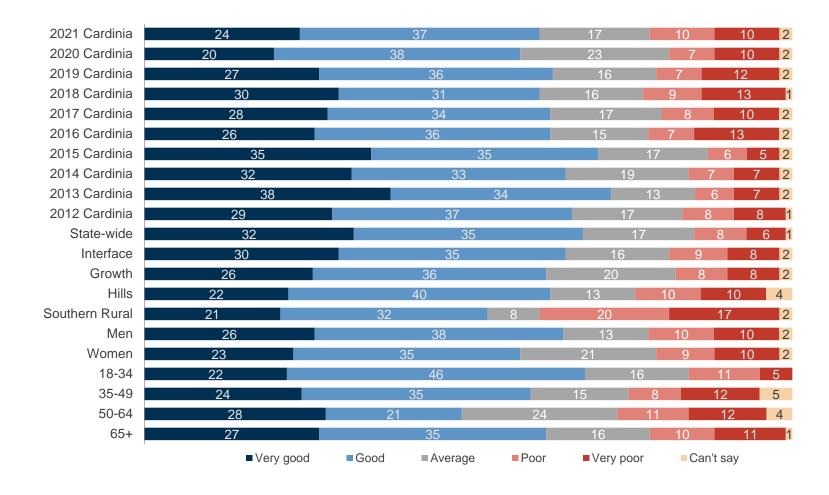


Q5c. Thinking of the most recent contact, how would you rate Cardinia Shire Council for customer service? Please keep in mind we do not mean the actual outcome but rather the actual service that was received. Base: All respondents who have had contact with Council in the last 12 months. Councils asked state-wide: 66 Councils asked group: 5 Note: Please see Appendix A for explanation of significant differences.

Customer service rating



2021 customer service rating (%)





Communication

The preferred form of communication from Council is newsletters sent via mail (32%) followed by newsletters sent via email (24%).

- Notably, preference for newsletters sent via email dropped five percentage points in the last year and is down 10 points since 2018.
- By contrast preference for social media has increased from 13% in 2019 to 19% this year.
- The preferred forms of communication among residents aged <u>under 50 years</u> are social media (27%) and newsletters sent via mail (26%), now taking precedence over newsletters sent via email (20%, down seven points this year). There is also growing support for text messages (17%, up eight points).
- The preferred forms of communication among residents aged <u>over 50 years</u> continues to be newsletters sent via mail (41%) or email (29%).



Best form of communication



2021 best form of communication (%)



Advertising in a Local Newspaper



Council Newsletter via Mail



Council Newsletter via Email



Council Newsletter as Local Paper Insert



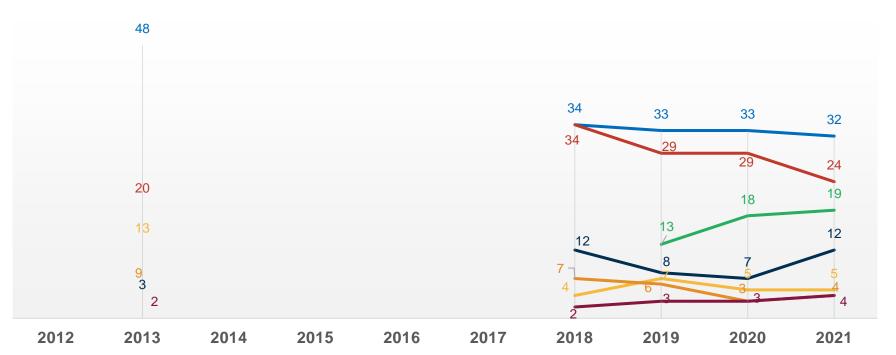
Council Website



Text Message



Social Media



Q13. If Cardinia Shire Council was going to get in touch with you to inform you about Council news and information and upcoming events, which ONE of the following is the BEST way to communicate with you?

Base: All respondents. Councils asked state-wide: 35 Councils asked group: 2

Note: 'Social Media' was included in 2019.

Best form of communication: under 50s



2021 under 50s best form of communication (%)



Advertising in a Local **Newspaper**



Council Newsletter via Mail



Council Newsletter via Email



Council **Newsletter** as **Local Paper Insert**



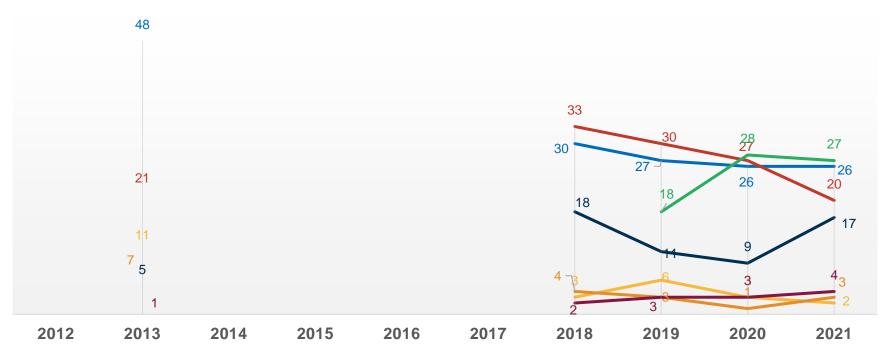
Council Website



Text Message



Social Media



Q13. If Cardinia Shire Council was going to get in touch with you to inform you about Council news and information and upcoming events, which ONE of the following is the BEST way to communicate with you?.

Base: All respondents aged under 50. Councils asked state-wide: 35 Councils asked group: 2

Note: 'Social Media' was included in 2019.

Best form of communication: over 50s



2021 over 50s best form of communication (%)



Advertising in a Local Newspaper



Council Newsletter via Mail



Council Newsletter via Email



Council Newsletter as Local Paper Insert



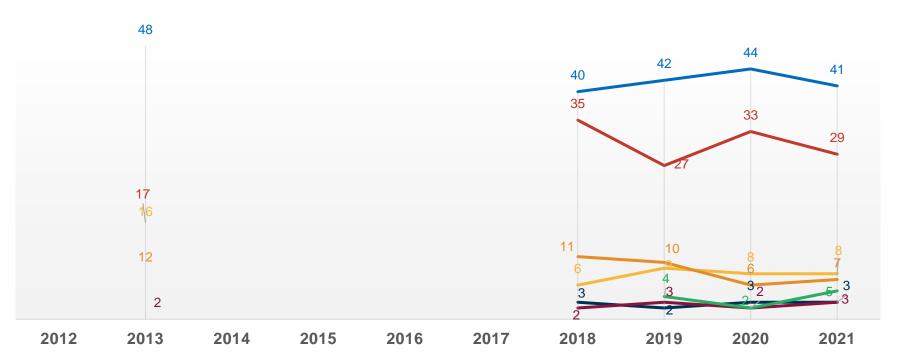
Council Website



Text Message



Social Media



Q13. If Cardinia Shire Council was going to get in touch with you to inform you about Council news and information and upcoming events, which ONE of the following is the BEST way to communicate with you?

Base: All respondents aged over 50. Councils asked state-wide: 35 Councils asked group: 2

Note: 'Social Media' was included in 2019.



Council direction

W

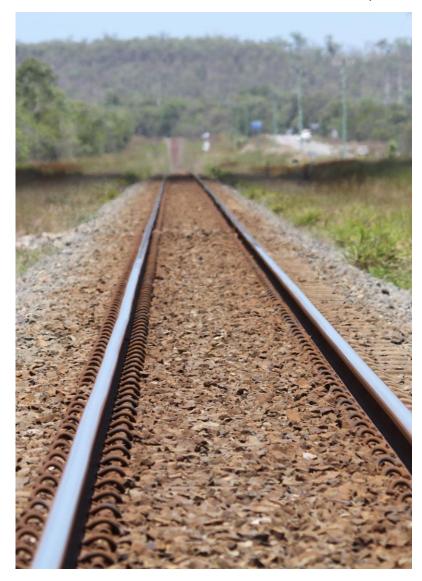
Perceptions of Council's overall direction have improved by three points to an index score of 52, although this is not a significant rise and is still below the peak rating of 55 in 2014.

Over the last 12 months, 64% of people believe the direction of Council's overall performance has stayed the same, up five percentage points on 2020.

- 16% believe the direction has improved, down one point on 2020. Fewer residents (12%) believe it has deteriorated, down seven points on 2020.
- The most satisfied with Council direction are younger residents aged 18 to 34 years, significantly higher than the Council average. The least satisfied with Council direction are residents aged 50 to 64 years, significantly lower than the Council average.
- Perceptions among women and residents aged 18 to 49 years have improved significantly over the past 12 months.

Most residents (61%) believe Council is generally heading in the 'right' direction compared to 28% who think Council is heading in the 'wrong' direction.

On balance, more residents prefer service cuts to keep Council rates at the same level as they are now (46%) than those who prefer rate rises to improve local services (29%).



Overall council direction last 12 months



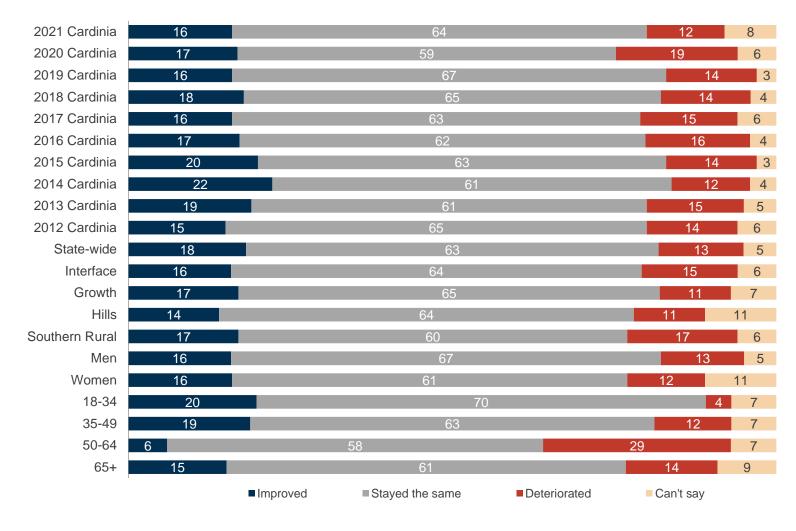
2021 overall council direction (index scores)



Overall council direction last 12 months



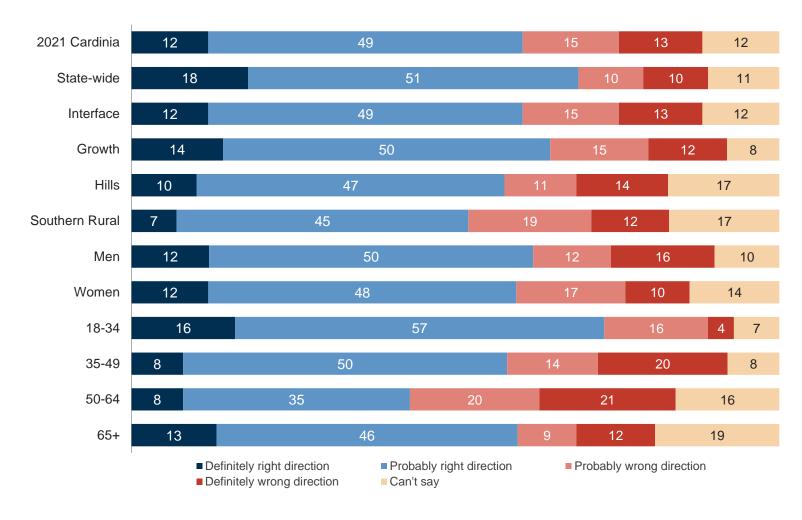
2021 overall council direction (%)



Right / wrong direction



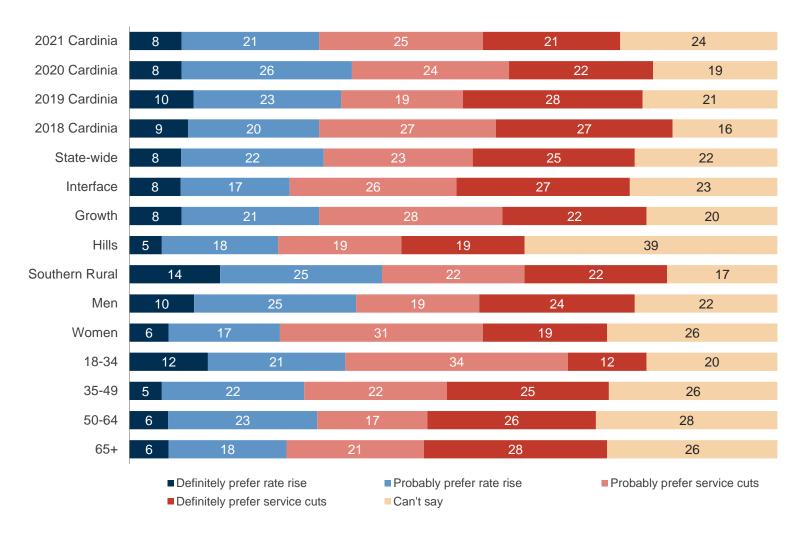
2021 right / wrong direction (%)



Rates / services trade-off



2021 rates / services trade-off (%)



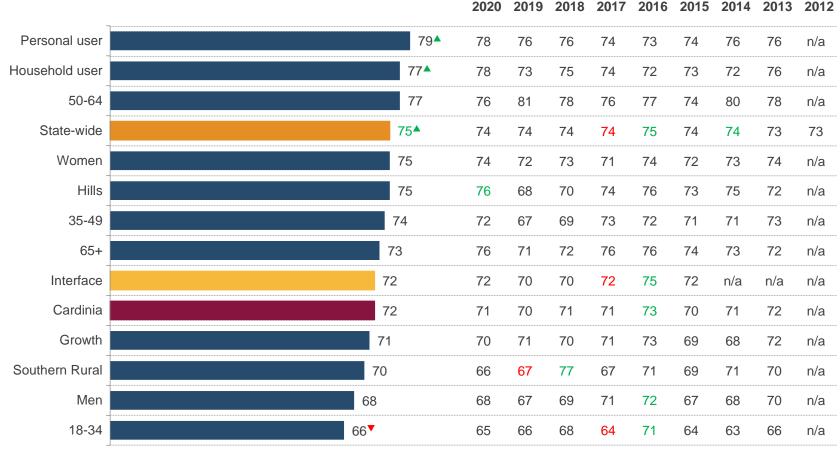


Community consultation and engagement importance





2021 consultation and engagement importance (index scores)

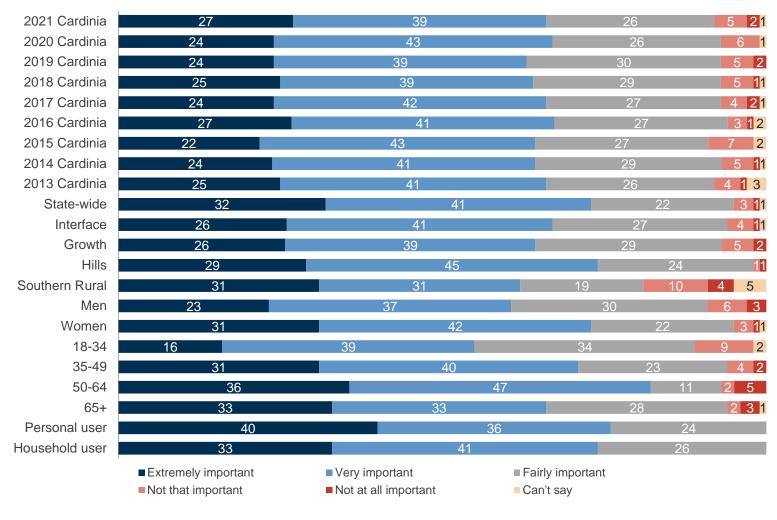


Community consultation and engagement importance





2021 consultation and engagement importance (%)

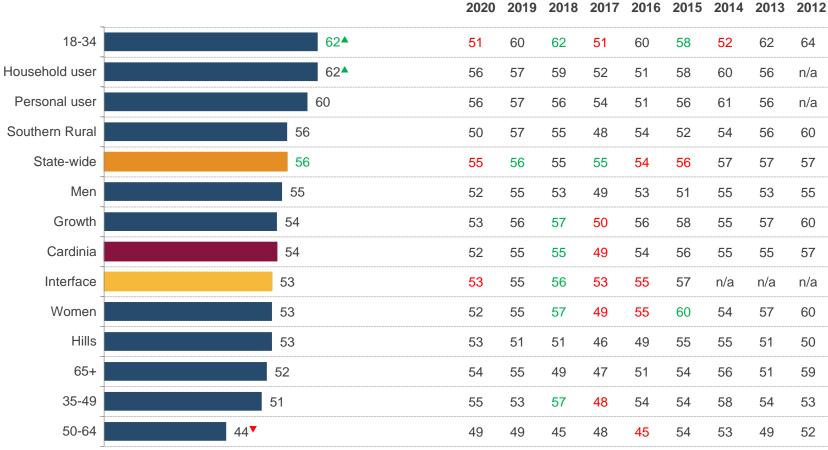


Community consultation and engagement performance





2021 consultation and engagement performance (index scores)

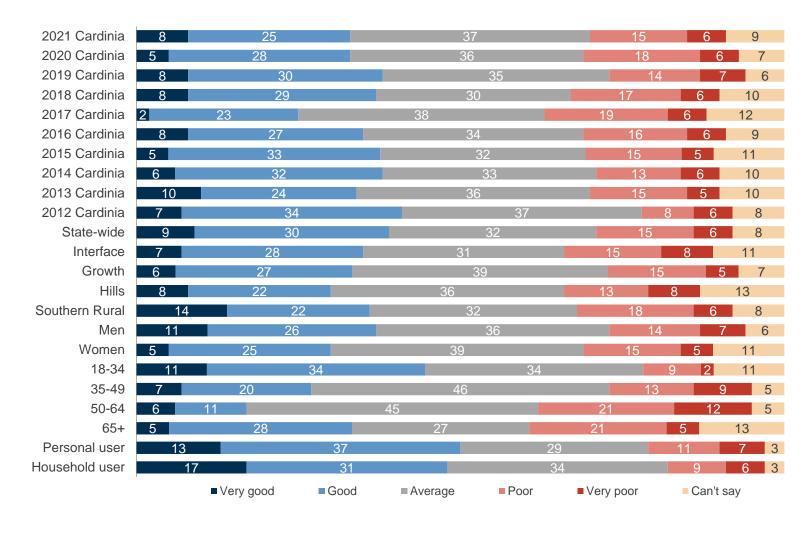


Community consultation and engagement performance





2021 consultation and engagement performance (%)

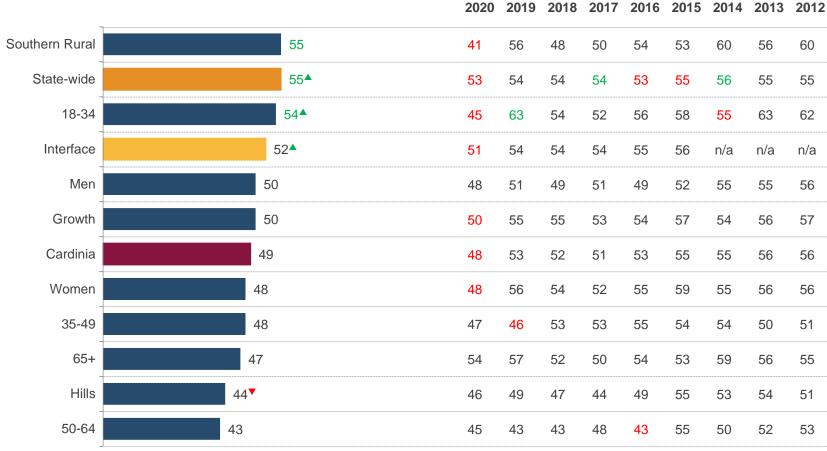


Lobbying on behalf of the community performance





2021 lobbying performance (index scores)

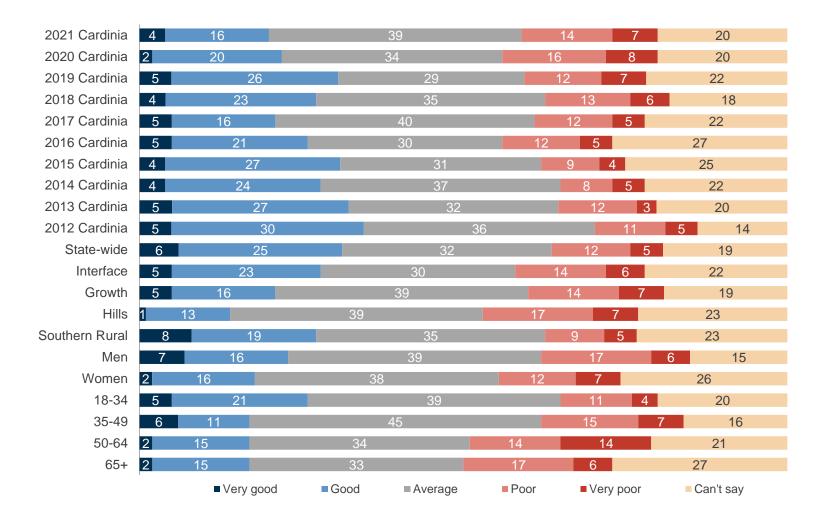


Lobbying on behalf of the community performance





2021 lobbying performance (%)



Decisions made in the interest of the community performance





2021 community decisions made performance (index scores)

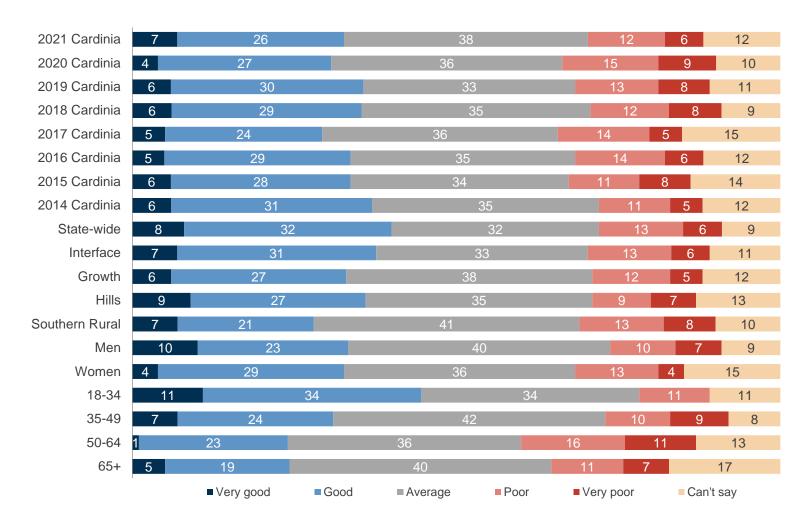


Decisions made in the interest of the community performance





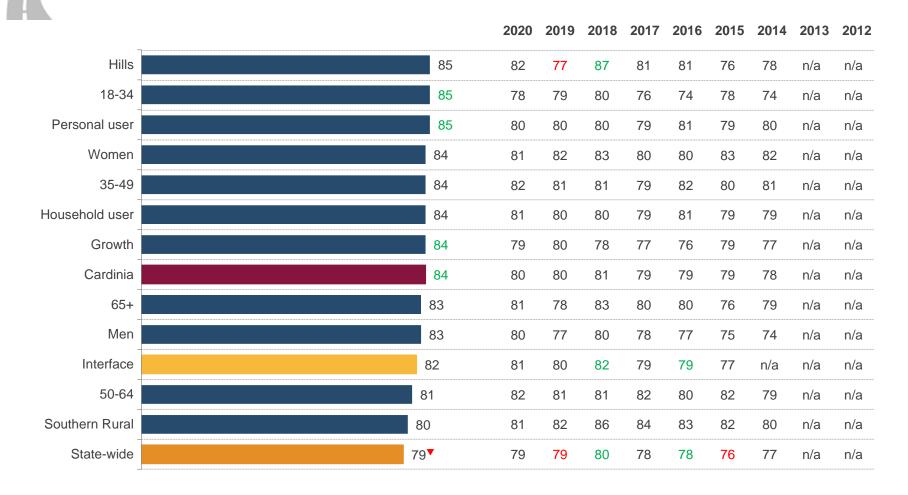
2021 community decisions made performance (%)



The condition of sealed local roads in your area importance





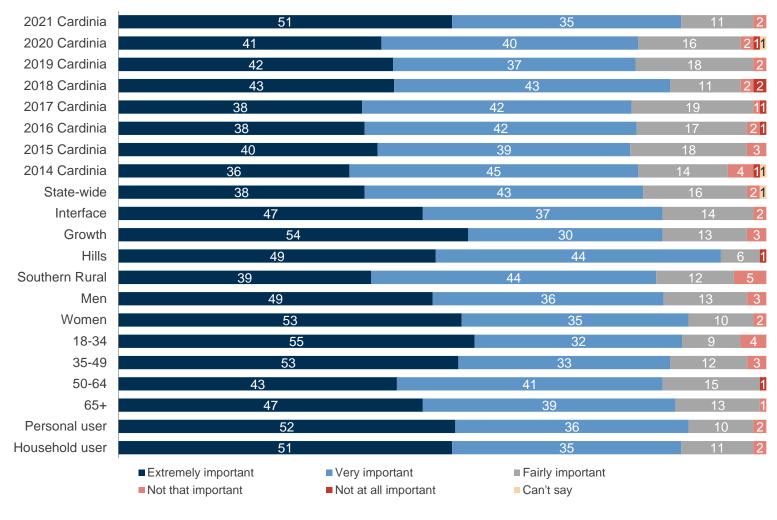


The condition of sealed local roads in your area importance





2021 sealed local roads importance (%)



The condition of sealed local roads in your area performance





2021 sealed local roads performance (index scores)

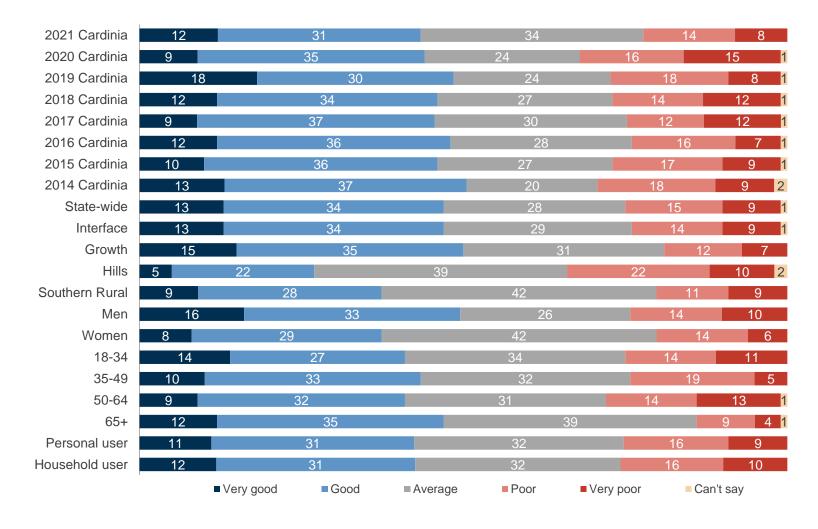


The condition of sealed local roads in your area performance





2021 sealed local roads performance (%)



Informing the community importance





2021 informing community importance (index scores)

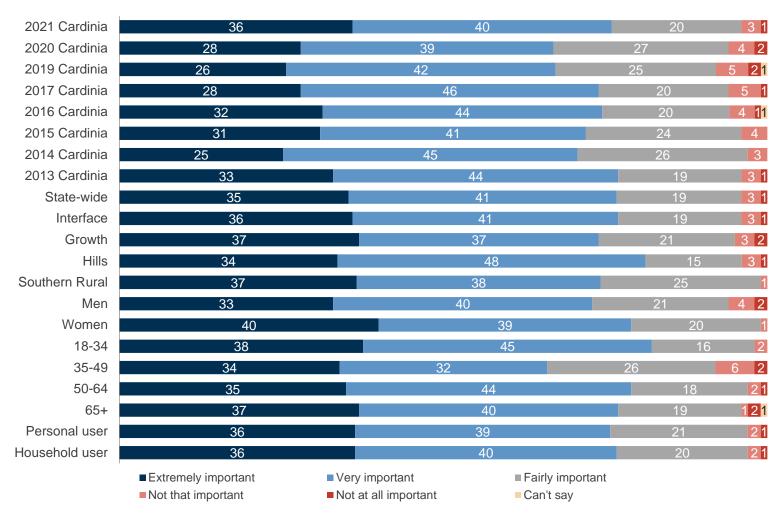


Informing the community importance





2021 informing community importance (%)



Informing the community performance





2021 informing community performance (index scores)

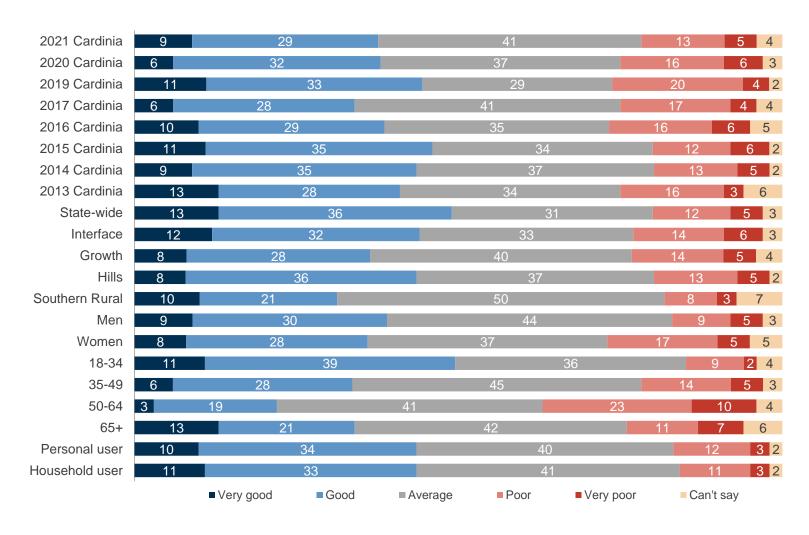


Informing the community performance





2021 informing community performance (%)



The condition of local streets and footpaths in your area importance





2021 streets and footpaths importance (index scores)

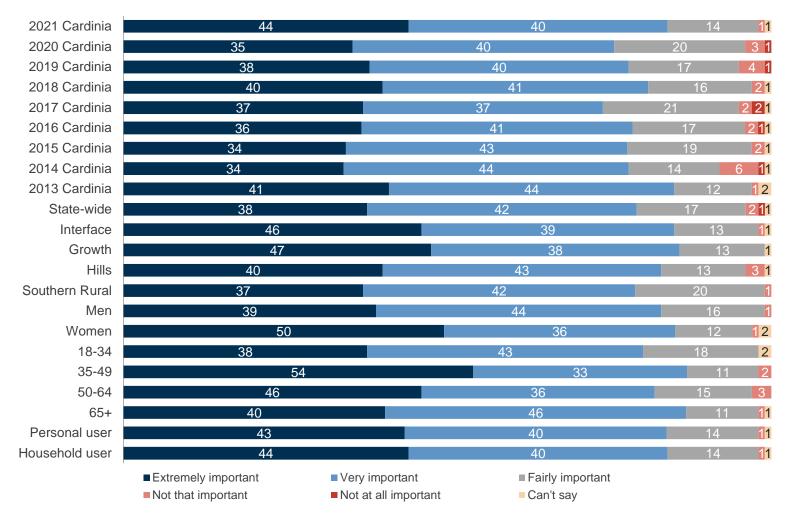


The condition of local streets and footpaths in your area importance





2021 streets and footpaths importance (%)



The condition of local streets and footpaths in your area performance





2021 streets and footpaths performance (index scores)

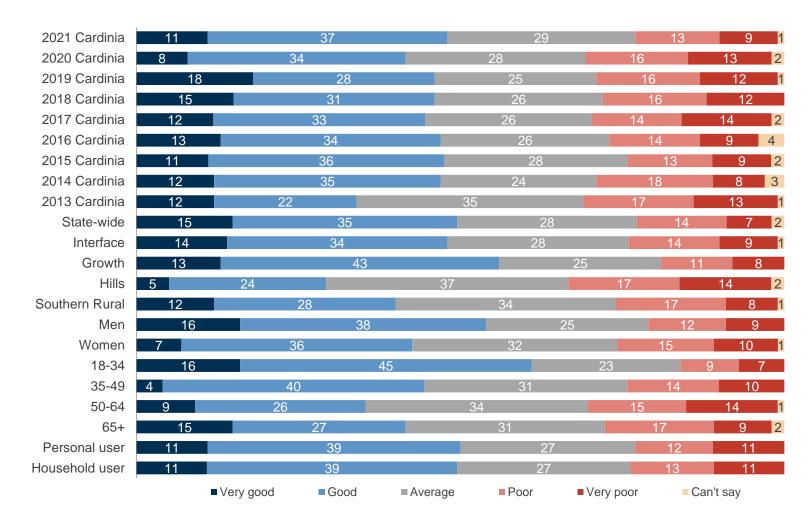


The condition of local streets and footpaths in your area performance





2021 streets and footpaths performance (%)

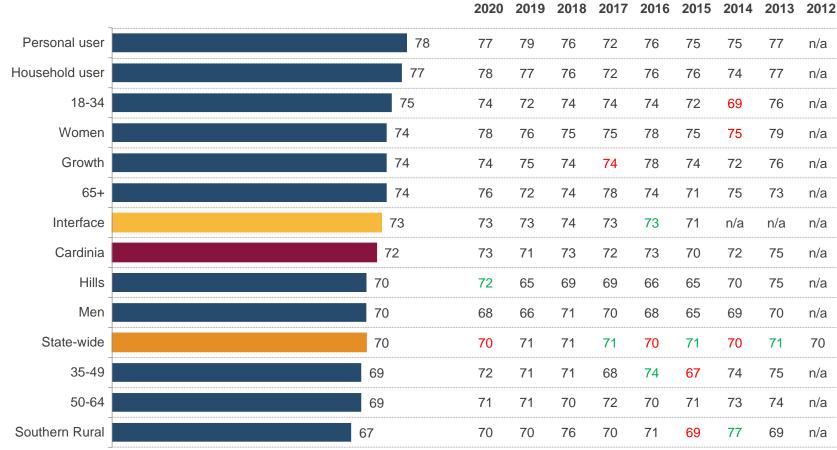


Enforcement of local laws importance





2021 law enforcement importance (index scores)

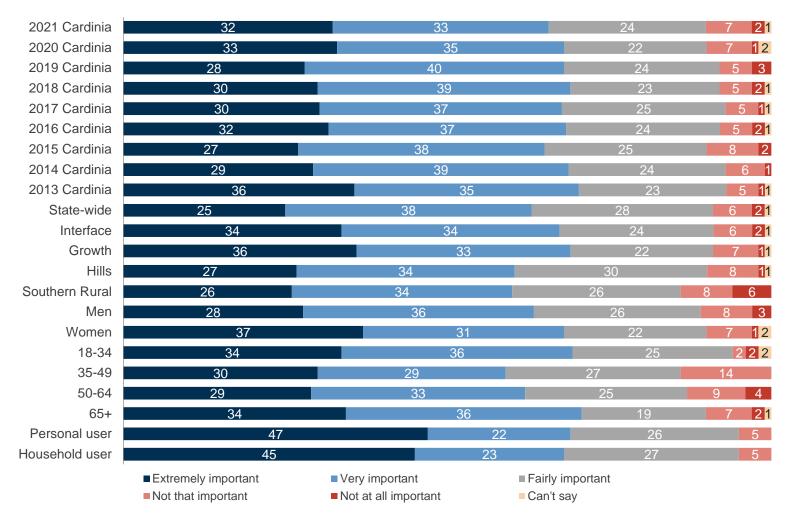


Enforcement of local laws importance





2021 law enforcement importance (%)



Enforcement of local laws performance





2021 law enforcement performance (index scores)

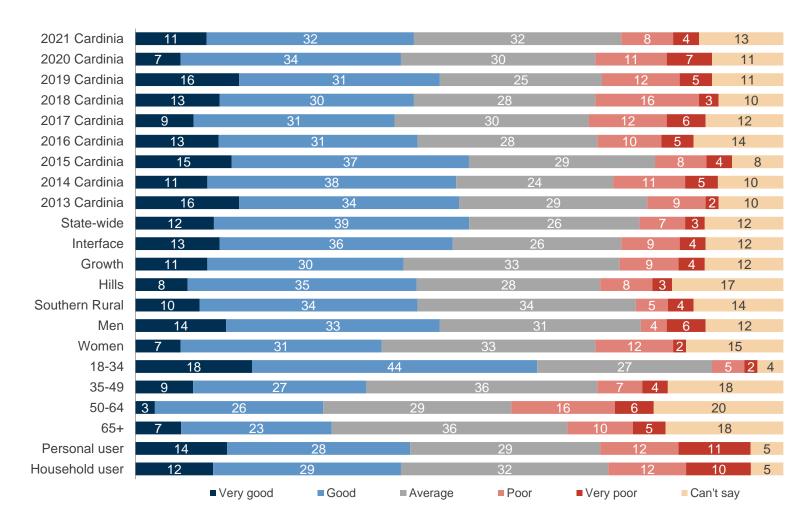


Enforcement of local laws performance





2021 law enforcement performance (%)

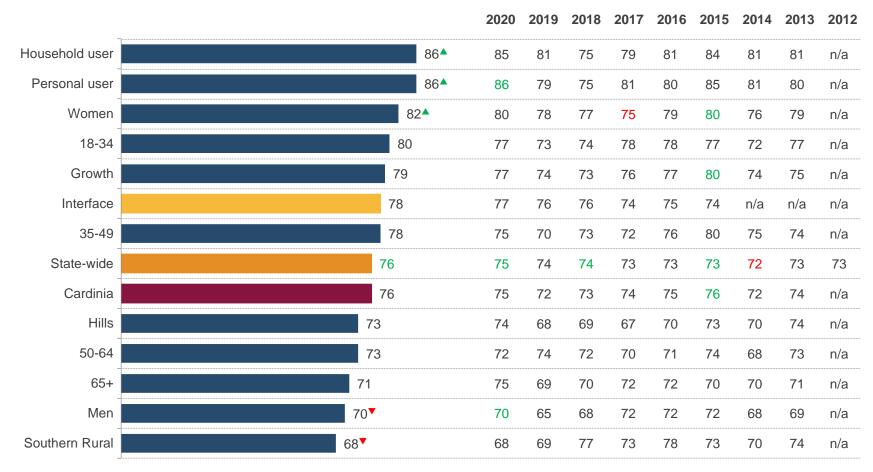


Family support services importance





2021 family support importance (index scores)

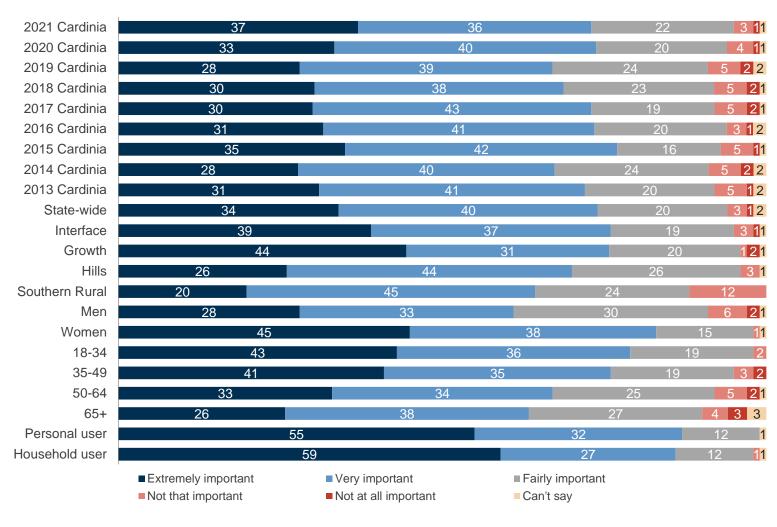


Family support services importance





2021 family support importance (%)



Family support services performance





2021 family support performance (index scores)

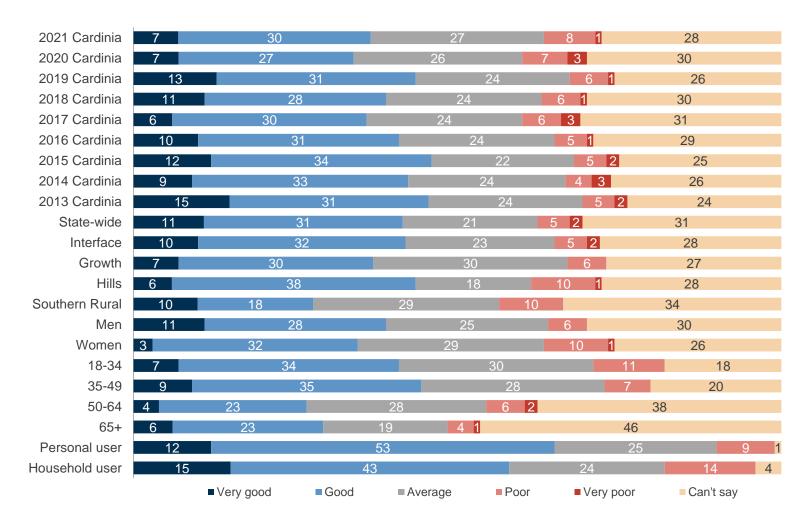


Family support services performance





2021 family support performance (%)



Recreational facilities importance





2021 recreational facilities importance (index scores)

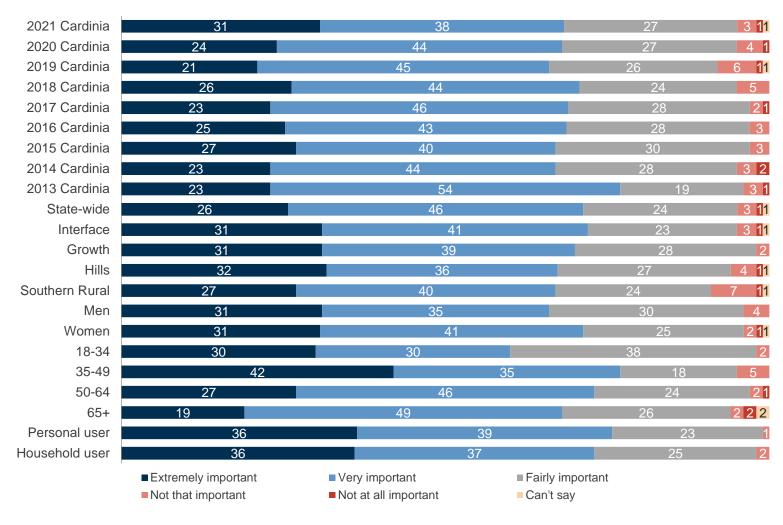


Recreational facilities importance





2021 recreational facilities importance (%)



Recreational facilities performance





2021 recreational facilities performance (index scores)

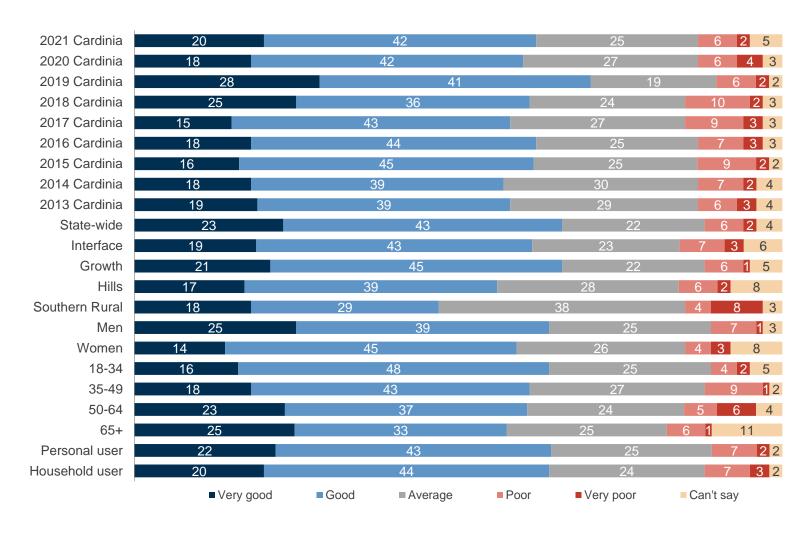


Recreational facilities performance





2021 recreational facilities performance (%)

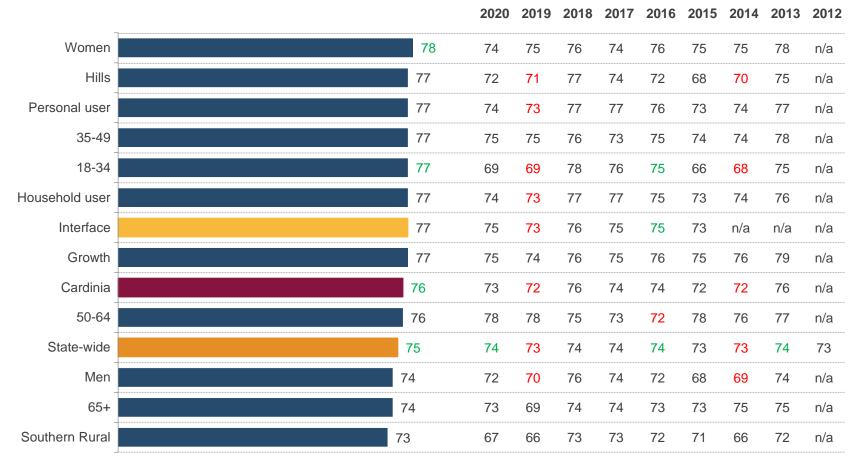


The appearance of public areas importance





2021 public areas importance (index scores)

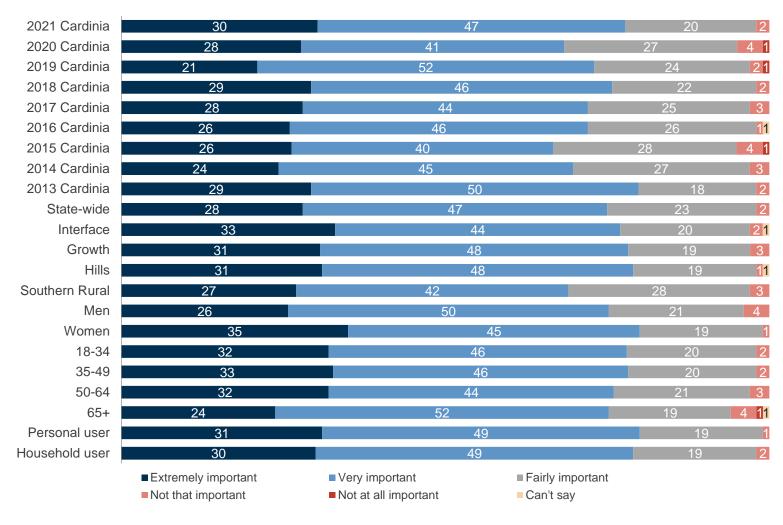


The appearance of public areas importance





2021 public areas importance (%)



The appearance of public areas performance





2021 public areas performance (index scores)

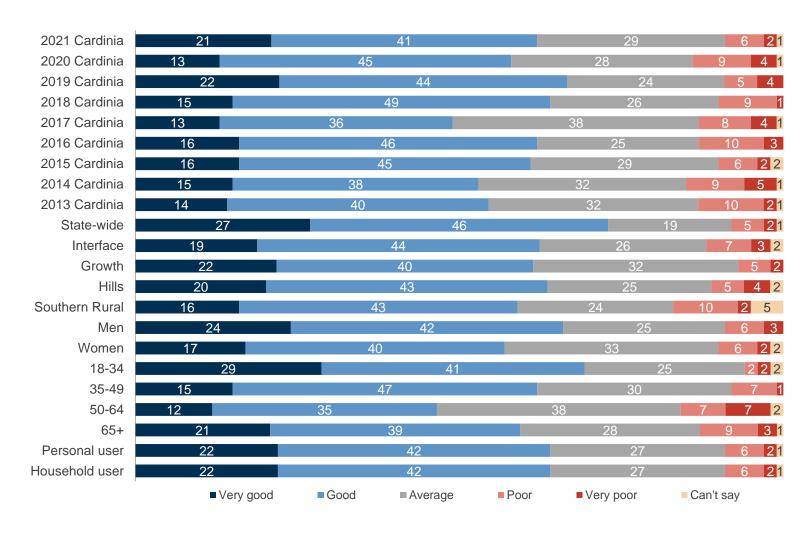


The appearance of public areas performance





2021 public areas performance (%)



Art centres and libraries importance





2021 art centres and libraries importance (index scores)

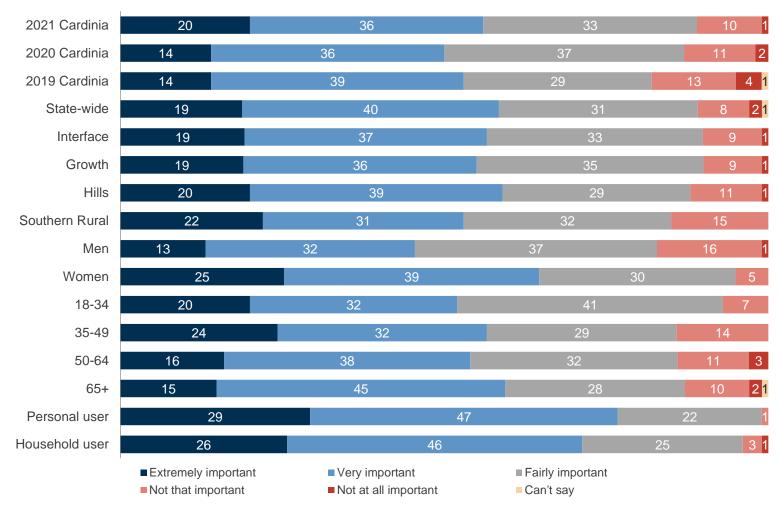


Art centres and libraries importance





2021 art centres and libraries importance (%)

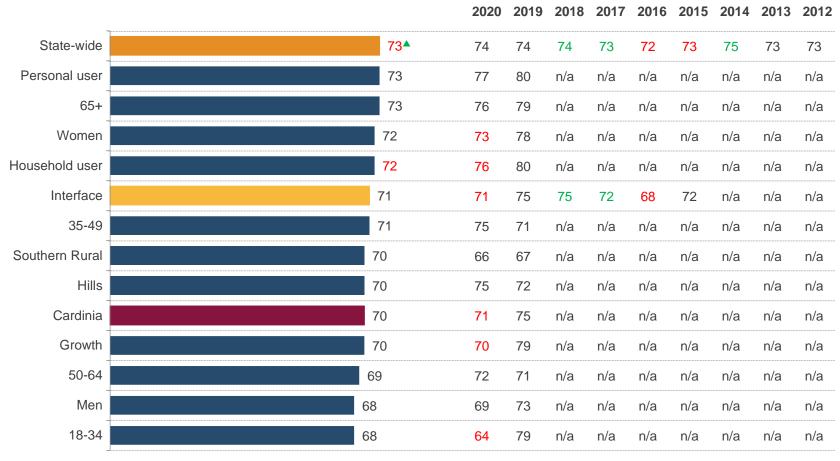


Art centres and libraries performance





2021 art centres and libraries performance (index scores)

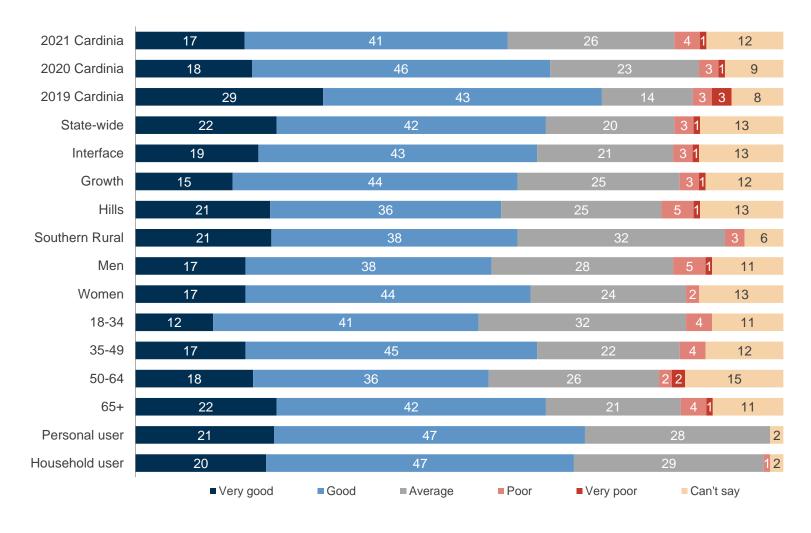


Art centres and libraries performance





2021 art centres and libraries performance (%)



Community and cultural activities importance





2021 community and cultural activities importance (index scores)

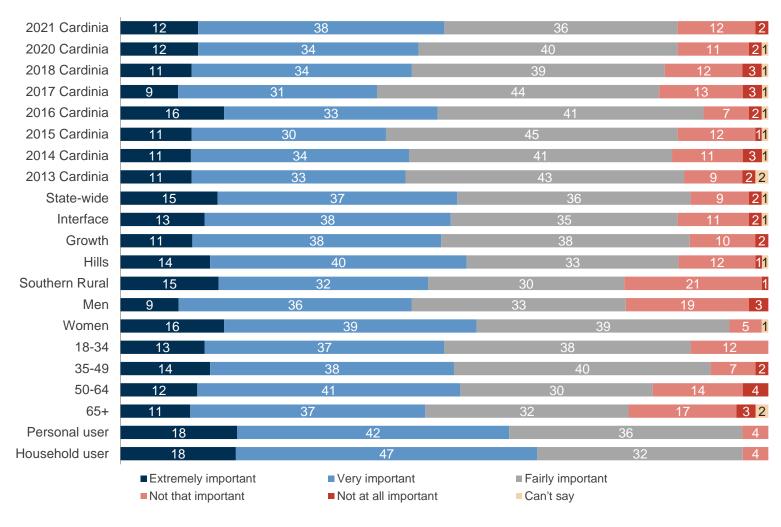


Community and cultural activities importance





2021 community and cultural activities importance (%)



Community and cultural activities performance





2021 community and cultural activities performance (index scores)

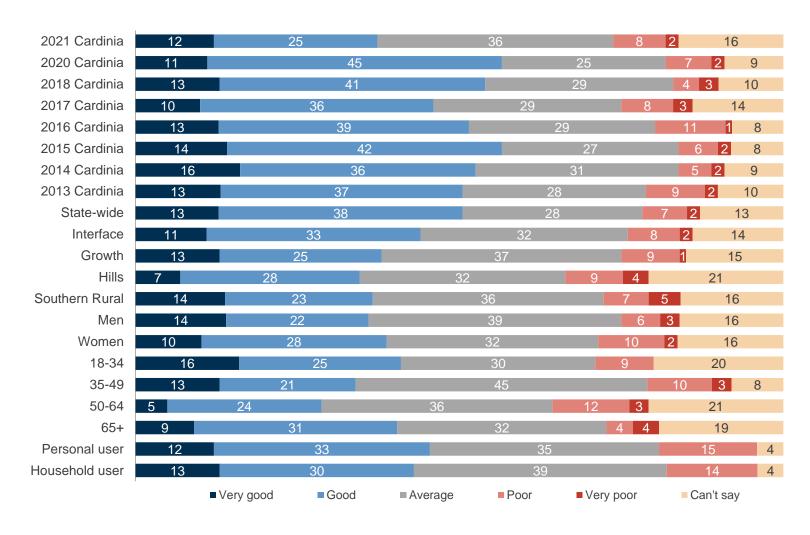


Community and cultural activities performance





2021 community and cultural activities performance (%)



Waste management importance





2021 waste management importance (index scores)

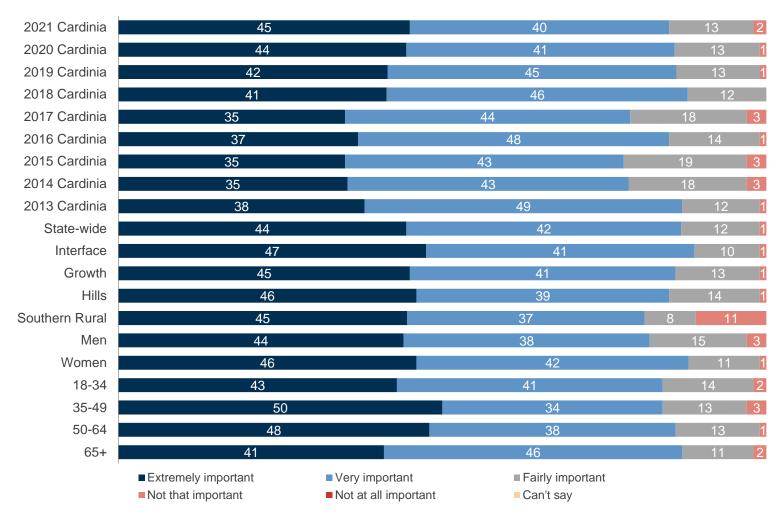


Waste management importance





2021 waste management importance (%)



Waste management performance





2021 waste management performance (index scores)

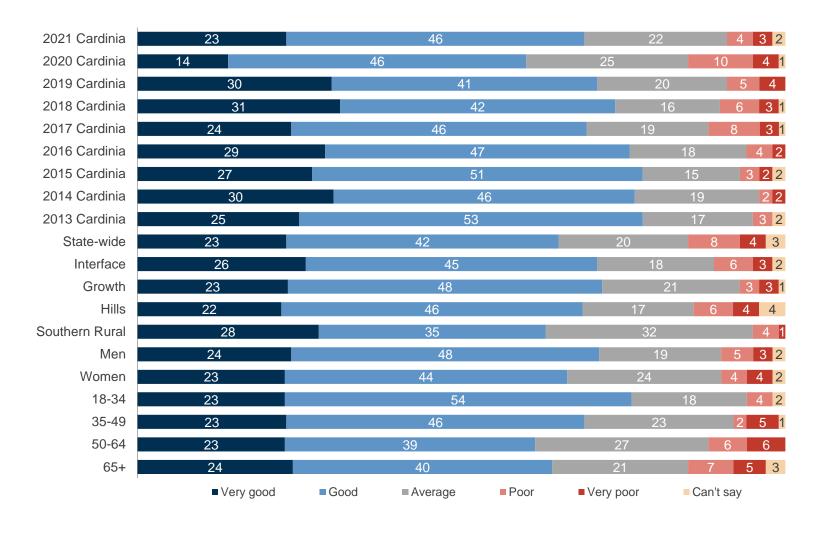


Waste management performance





2021 waste management performance (%)

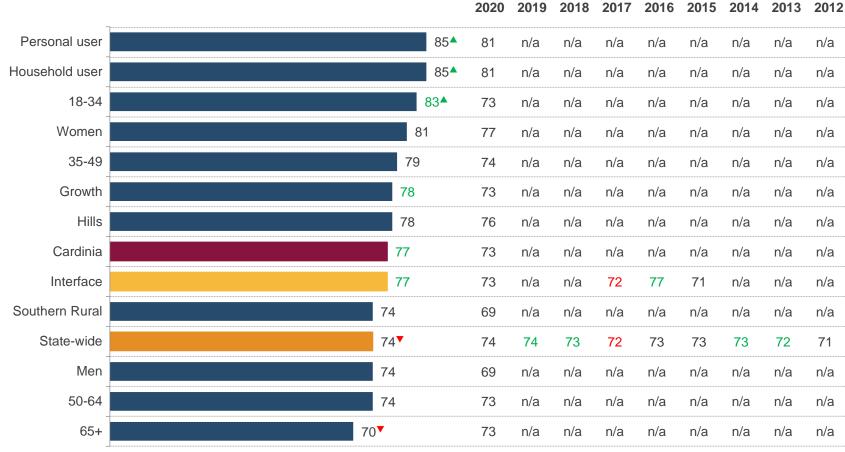


Environmental sustainability importance





2021 environmental sustainability importance (index scores)

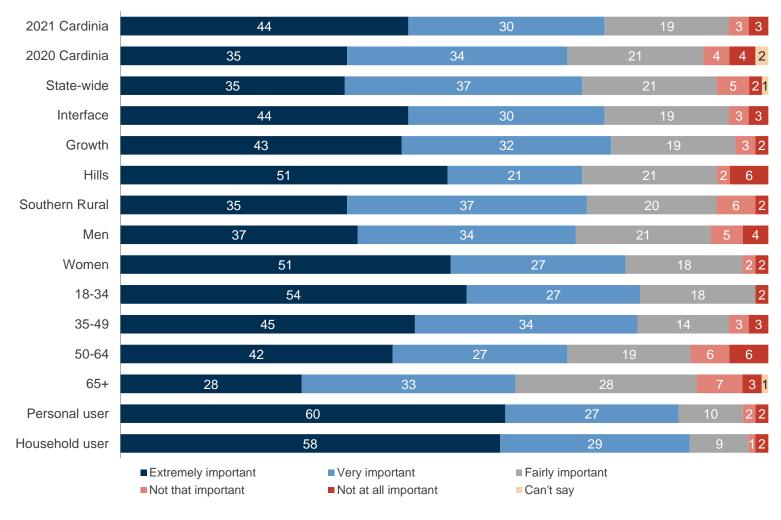


Environmental sustainability importance





2021 environmental sustainability importance (%)



Environmental sustainability performance





2021 environmental sustainability performance (index scores)

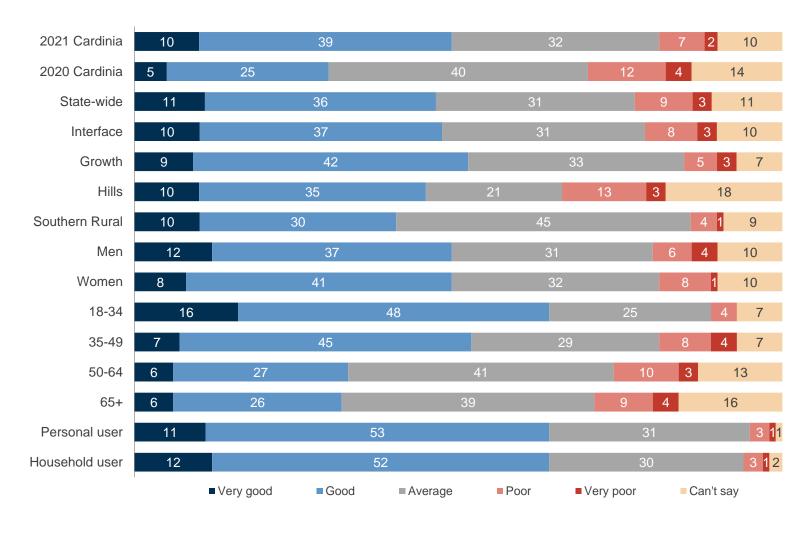


Environmental sustainability performance





2021 environmental sustainability performance (%)

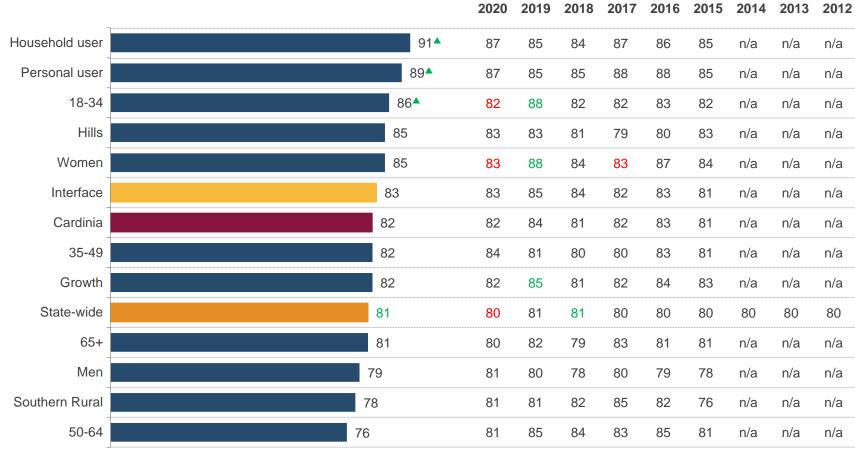


Emergency and disaster management importance





2021 emergency and disaster management importance (index scores)

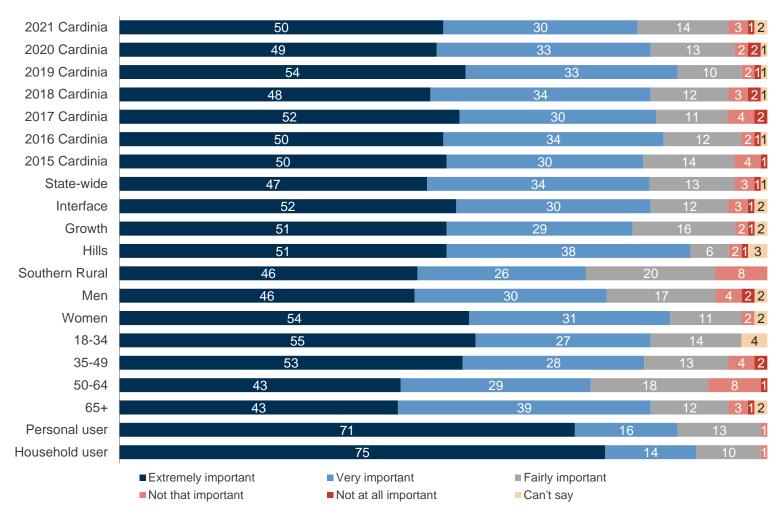


Emergency and disaster management importance





2021 emergency and disaster management importance (%)



Emergency and disaster management performance





2021 emergency and disaster management performance (index scores)

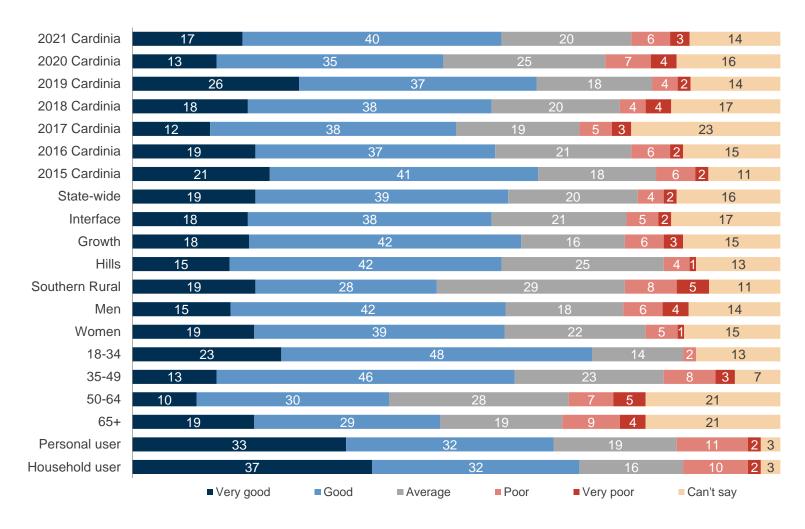


Emergency and disaster management performance





2021 emergency and disaster management performance (%)

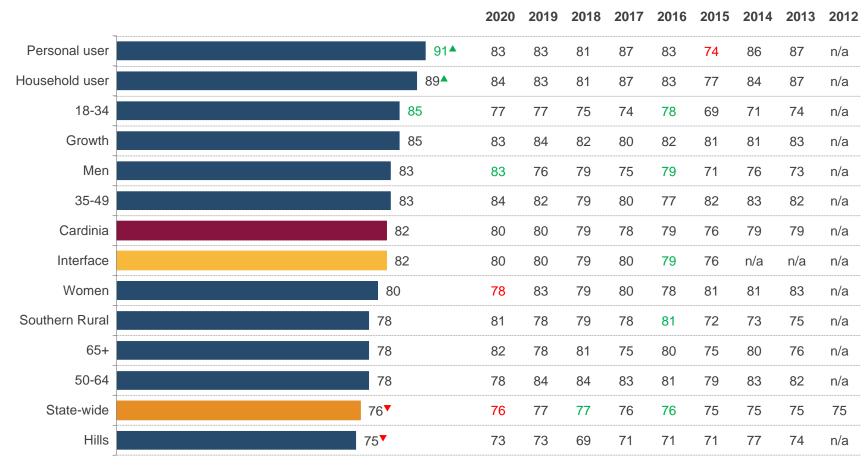


Planning for population growth in the area importance





2021 population growth importance (index scores)

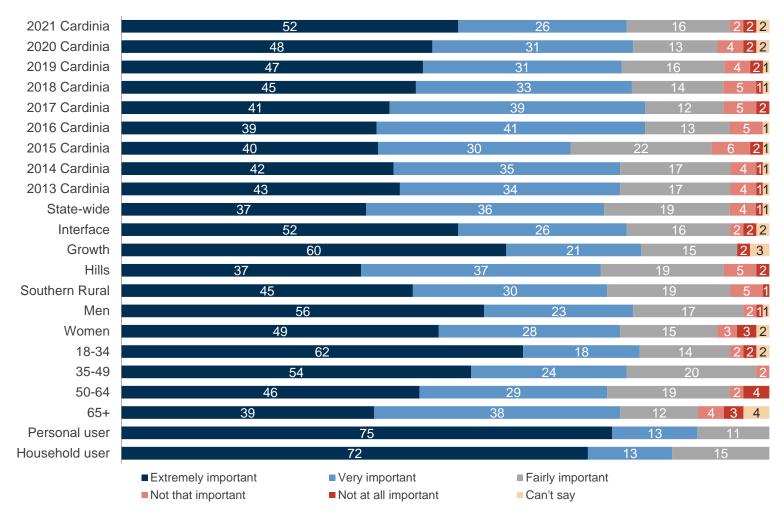


Planning for population growth in the area importance





2021 population growth importance (%)



Planning for population growth in the area performance





2021 population growth performance (index scores)

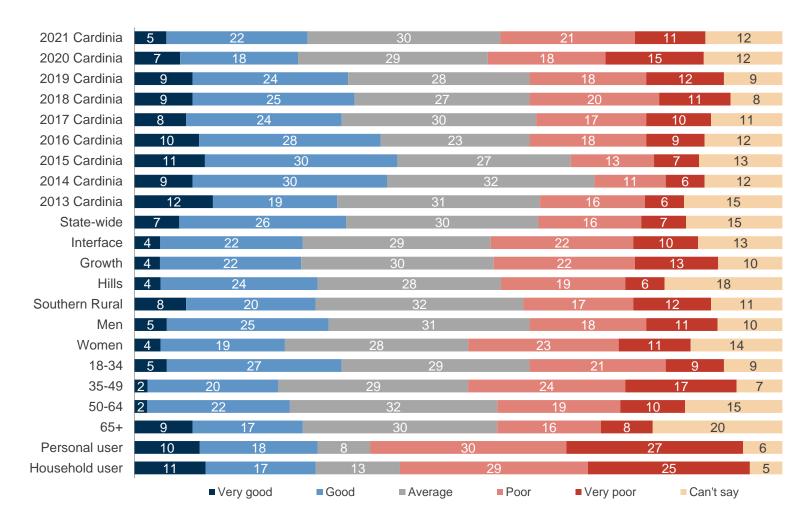


Planning for population growth in the area performance





2021 population growth performance (%)

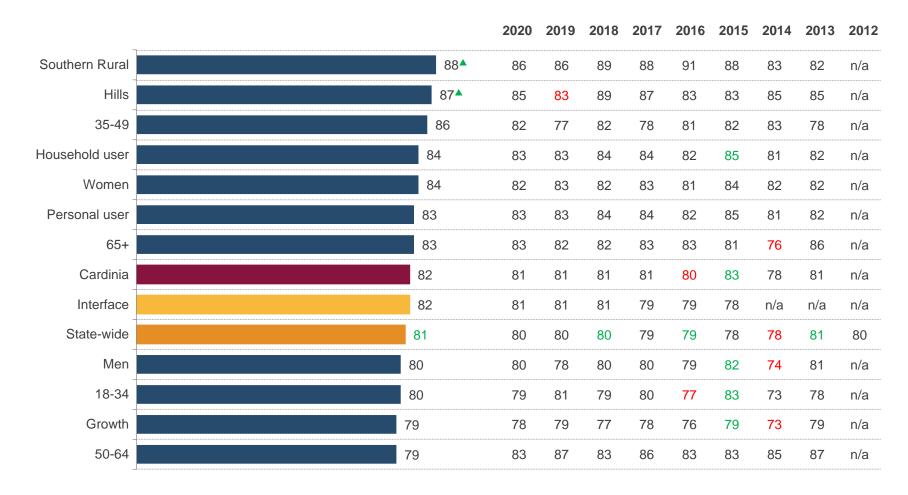


Maintenance of unsealed roads in your area importance





2021 unsealed roads importance (index scores)

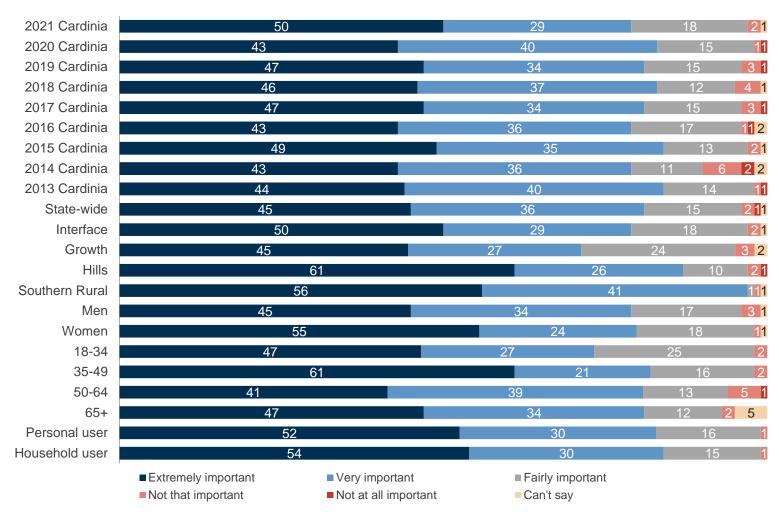


Maintenance of unsealed roads in your area importance





2021 unsealed roads importance (%)

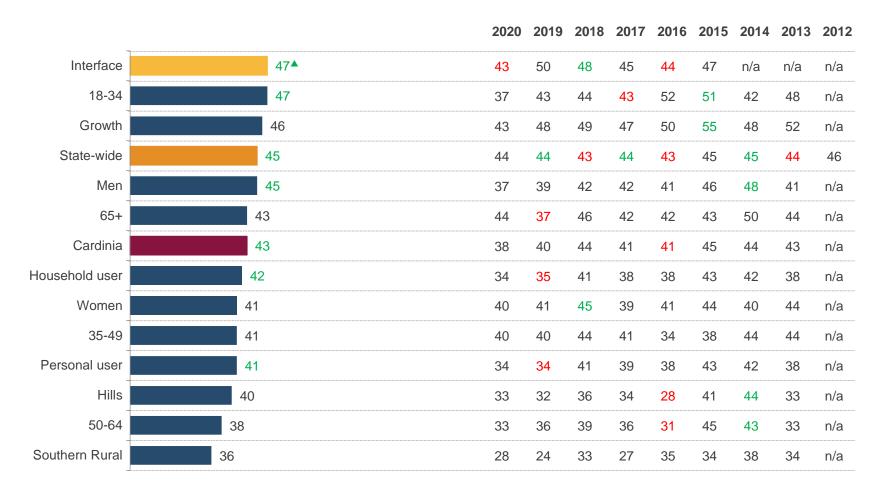


Maintenance of unsealed roads in your area performance





2021 unsealed roads performance (index scores)

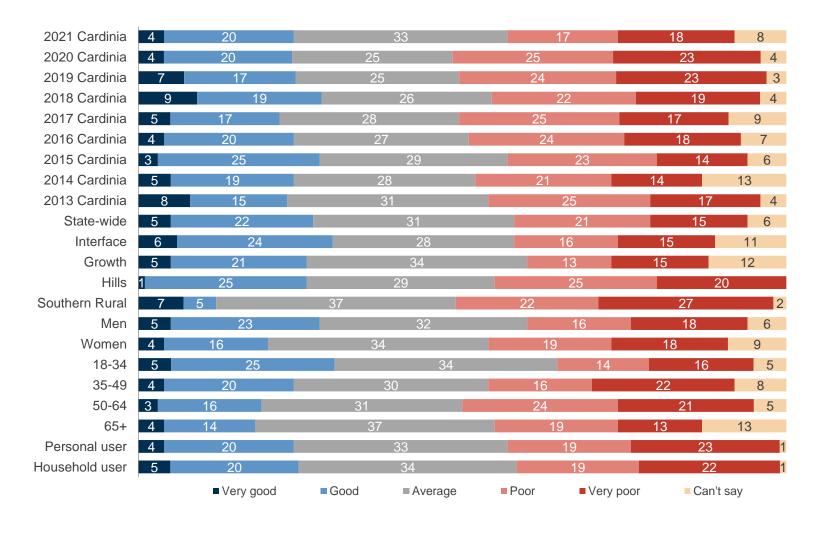


Maintenance of unsealed roads in your area performance





2021 unsealed roads performance (%)



Business and community development importance





2021 business/community development importance (index scores)

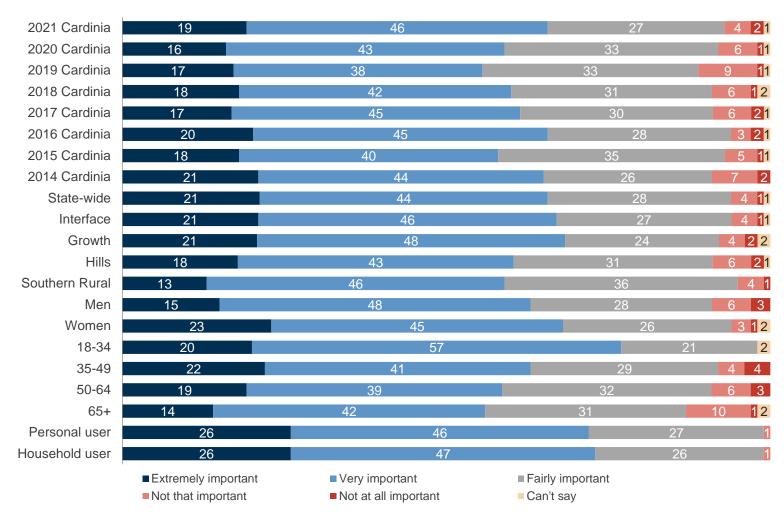


Business and community development importance





2021 business/community development importance (%)



Business and community development performance





2021 business/community development performance (index scores)

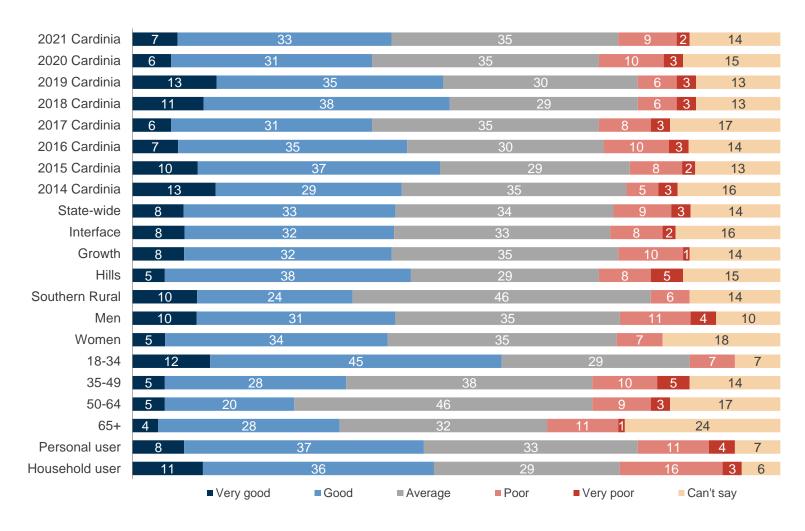


Business and community development performance





2021 business/community development performance (%)

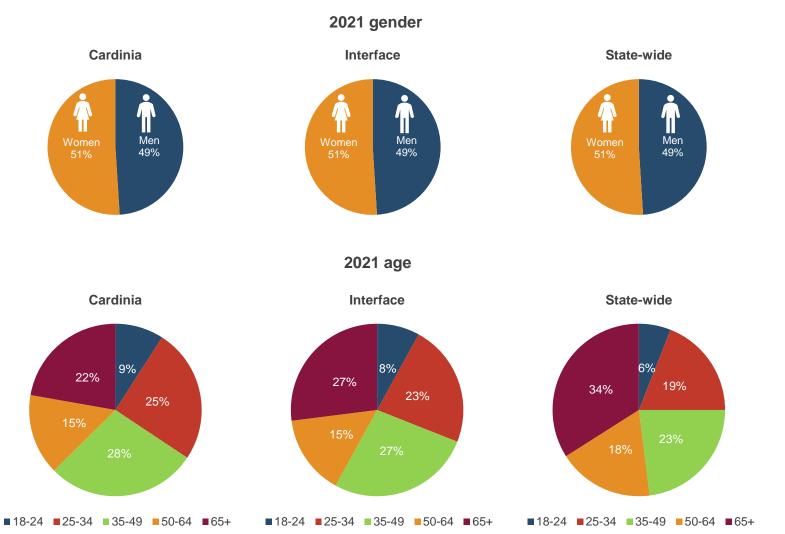




Detailed demographics

Gender and age profile

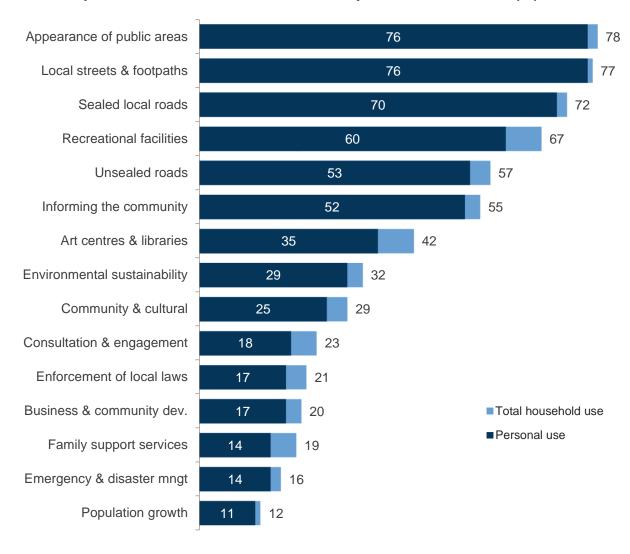


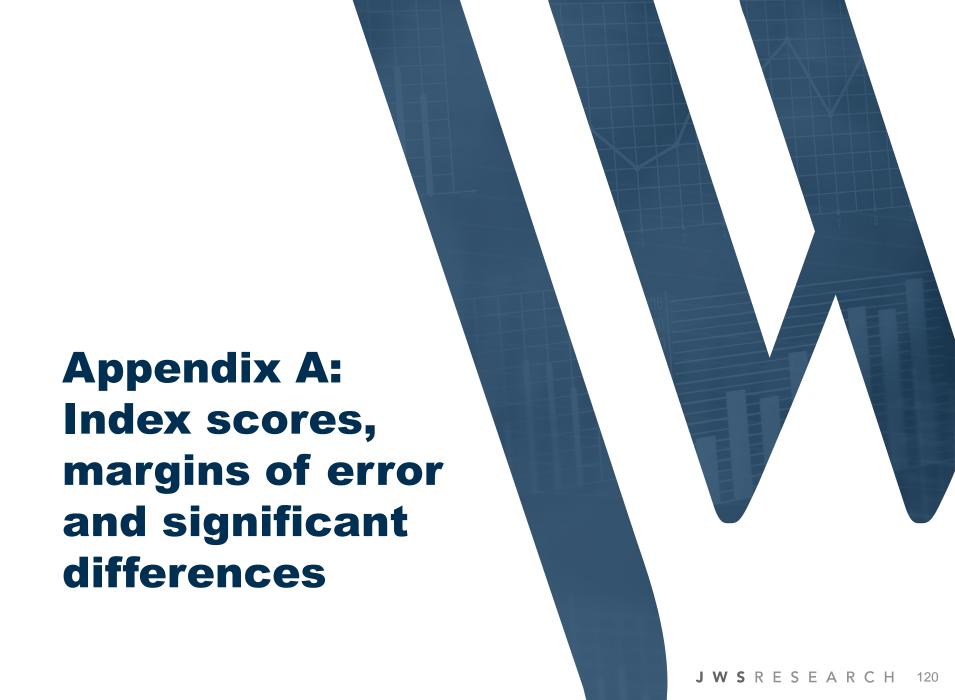


Personal and household use and experience of council services



2021 personal and household use and experience of services (%)





Appendix A: Index Scores



Index Scores

Many questions ask respondents to rate council performance on a five-point scale, for example, from 'very good' to 'very poor', with 'can't say' also a possible response category. To facilitate ease of reporting and comparison of results over time, starting from the 2012 survey and measured against the statewide result and the council group, an 'Index Score' has been calculated for such measures.

The Index Score is calculated and represented as a score out of 100 (on a 0 to 100 scale), with 'can't say' responses excluded from the analysis. The '% RESULT' for each scale category is multiplied by the 'INDEX FACTOR'. This produces an 'INDEX VALUE' for each category, which are then summed to produce the 'INDEX SCORE', equating to '60' in the following example.

Similarly, an Index Score has been calculated for the Core question 'Performance direction in the last 12 months', based on the following scale for each performance measure category, with 'Can't say' responses excluded from the calculation.

SCALE CATEGORIES	% RESULT	INDEX FACTOR	INDEX VALUE
Very good	9%	100	9
Good	40%	75	30
Average	37%	50	19
Poor	9%	25	2
Very poor	4%	0	0
Can't say	1%		INDEX SCORE 60

SCALE CATEGORIES	% RESULT	INDEX FACTOR	INDEX VALUE
Improved	36%	100	36
Stayed the same	40%	50	20
Deteriorated	23%	0	0
Can't say	1%		INDEX SCORE 56

Appendix A: Margins of error



The sample size for the 2021 State-wide Local Government Community Satisfaction Survey for Cardinia Shire Council was n=400. Unless otherwise noted, this is the total sample base for all reported charts and tables.

The maximum margin of error on a sample of approximately n=400 interviews is +/-4.9% at the 95% confidence level for results around 50%. Margins of error will be larger for any sub-samples. As an example, a result of 50% can be read confidently as falling midway in the range 45.1% - 54.9%.

Maximum margins of error are listed in the table below, based on a population of 81,900 people aged 18 years or over for Cardinia Shire Council, according to ABS estimates.

Demographic	Actual survey sample size	Weighted base	Maximum margin of error at 95% confidence interval
Cardinia Shire Council	400	400	+/-4.9
Men	167	196	+/-7.6
Women	233	204	+/-6.4
Growth	231	253	+/-6.5
Hills	104	96	+/-9.7
Southern Rural	65	51	+/-12.2
18-34 years	56	137	+/-13.2
35-49 years	81	113	+/-11.0
50-64 years	107	61	+/-9.5
65+ years	156	90	+/-7.9

Appendix A: Significant difference reporting notation



Within tables and index score charts throughout this report, statistically significant differences at the 95% confidence level are represented by upward directing green () and downward directing red arrows ().

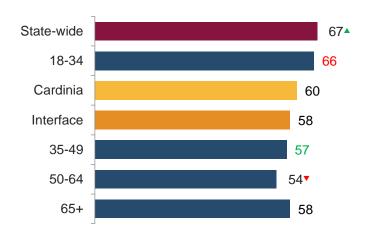
Significance when noted indicates a significantly higher or lower result for the analysis group in comparison to the 'Total' result for the council for that survey question for that year. Therefore in the example below:

- The state-wide result is significantly higher than the overall result for the council.
- The result among 50-64 year olds is significantly lower than for the overall result for the council.

Further, results shown in green and red indicate significantly higher or lower results than in 2020. Therefore in the example below:

- The result among 35-49 year olds in the council is significantly higher than the result achieved among this group in 2020.
- The result among 18-34 year olds in the council is significantly lower than the result achieved among this group in 2020.

2021 overall performance (index scores) (example extract only)



Appendix A: Index score significant difference calculation



The test applied to the Indexes was an Independent Mean Test, as follows:

Z Score =
$$(\$1 - \$2) / Sqrt ((\$5^2 / \$3) + (\$6^2 / \$4))$$

Where:

- \$1 = Index Score 1
- \$2 = Index Score 2
- \$3 = unweighted sample count 1
- \$4 = unweighted sample count 2
- \$5 = standard deviation 1
- \$6 = standard deviation 2

All figures can be sourced from the detailed cross tabulations.

The test was applied at the 95% confidence interval, so if the Z Score was greater than +/- 1.954 the scores are significantly different.

JWSRESEARCH 125

Appendix B: Further project information

Appendix B: Further information



Further information about the report and explanations about the State-wide Local Government Community Satisfaction Survey can be found in this section including:

- · Background and objectives
- · Analysis and reporting
- Glossary of terms

Detailed survey tabulations

Detailed survey tabulations are available in supplied Excel file.

Contacts

For further queries about the conduct and reporting of the 2021 State-wide Local Government Community Satisfaction Survey, please contact JWS Research on

(03) 8685 8555 or via email: admin@jwsresearch.com

Appendix B: Survey methodology and sampling

The 2021 results are compared with previous years, as detailed below:

- 2020, n=400 completed interviews, conducted in the period of 30th January – 22nd March.
- 2019, n=401 completed interviews, conducted in the period of 1st February – 30th March.
- 2018, n=400 completed interviews, conducted in the period of 1st February - 30th March.
- 2017, n=400 completed interviews, conducted in the period of 1st February – 30th March.
- 2016, n=400 completed interviews, conducted in the period of 1st February - 30th March.
- 2015, n=400 completed interviews, conducted in the period of 1st February - 30th March.
- 2014, n=400 completed interviews, conducted in the period of 31st January – 11th March.
- 2013, n=400 completed interviews, conducted in the period of 1st February – 24th March.
- 2012, n=400 completed interviews, conducted in the period of 18th May - 30th June.

Minimum quotas of gender within age groups were applied during the fieldwork phase. Post-survey weighting was then conducted to ensure accurate representation of the age and gender profile of the Cardinia Shire Council area.

Any variation of +/-1% between individual results and net scores in this report or the detailed survey tabulations is due to rounding. In reporting, '—' denotes not mentioned and '0%' denotes mentioned by less than 1% of respondents. 'Net' scores refer to two or more response categories being combined into one category for simplicity of reporting.

This survey was conducted by Computer Assisted Telephone Interviewing (CATI) as a representative random probability survey of residents aged 18+ years in Cardinia Shire Council.

Survey sample matched to the demographic profile of Cardinia Shire Council as determined by the most recent ABS population estimates was purchased from an accredited supplier of publicly available phone records, including up to 60% mobile phone numbers to cater to the diversity of residents within Cardinia Shire Council, particularly younger people.

A total of n=400 completed interviews were achieved in Cardinia Shire Council. Survey fieldwork was conducted in the period of 2nd February – 15th March. 2021.

Appendix B: Analysis and reporting

All participating councils are listed in the State-wide report published on the DELWP website. In 2021, 66 of the 79 Councils throughout Victoria participated in this survey. For consistency of analysis and reporting across all projects, Local Government Victoria has aligned its presentation of data to use standard council groupings. Accordingly, the council reports for the community satisfaction survey provide analysis using these standard council groupings. Please note that councils participating across 2012-2021 vary slightly.

Council Groups

Cardinia Shire Council is classified as a Interface council according to the following classification list:

 Metropolitan, Interface, Regional Centres, Large Rural & Small Rural.

Councils participating in the Interface group are:

 Cardinia, Casey, Melton, Mornington Peninsula, Whittlesea and Yarra Ranges. Wherever appropriate, results for Cardinia Shire Council for this 2021 State-wide Local Government Community Satisfaction Survey have been compared against other participating councils in the Interface group and on a state-wide basis. Please note that council groupings changed for 2015, and as such comparisons to council group results before that time can not be made within the reported charts.

Appendix B: 2012 survey revision

W

The survey was revised in 2012. As a result:

- The survey is now conducted as a representative random probability survey of residents aged 18 years or over in local councils, whereas previously it was conducted as a 'head of household' survey.
- As part of the change to a representative resident survey, results are now weighted post survey to the known population distribution of Cardinia Shire Council according to the most recently available Australian Bureau of Statistics population estimates, whereas the results were previously not weighted.
- The service responsibility area performance measures have changed significantly and the rating scale used to assess performance has also changed.

As such, the results of the 2012 State-wide Local Government Community Satisfaction Survey should be considered as a benchmark. Please note that comparisons should not be made with the State-wide Local Government Community Satisfaction Survey results from 2011 and prior due to the methodological and sampling changes. Comparisons in the period 2012-2021 have been made throughout this report as appropriate.

Appendix B: Core, optional and tailored questions



Core, optional and tailored questions

Over and above necessary geographic and demographic questions required to ensure sample representativeness, a base set of questions for the 2021 State-wide Local Government Community Satisfaction Survey was designated as 'Core' and therefore compulsory inclusions for all participating Councils.

These core questions comprised:

- Overall performance last 12 months (Overall performance)
- Value for money in services and infrastructure (Value for money)
- Contact in last 12 months (Contact)
- Rating of contact (Customer service)
- Overall council direction last 12 months (Council direction)
- Community consultation and engagement (Consultation)
- Decisions made in the interest of the community (Making community decisions)
- Condition of sealed local roads (Sealed local roads)
- · Waste management

Reporting of results for these core questions can always be compared against other participating councils in the council group and against all participating councils state-wide. Alternatively, some questions in the 2021 State-wide Local Government Community Satisfaction Survey were optional. Councils also had the ability to ask tailored questions specific only to their council.

Appendix B: Analysis and reporting

Reporting

Every council that participated in the 2021 State-wide Local Government Community Satisfaction Survey receives a customised report. In addition, the state government is supplied with this State-wide summary report of the aggregate results of 'Core' and 'Optional' questions asked across all council areas surveyed, which is available at:

https://www.localgovernment.vic.gov.au/our-programs/council-community-satisfaction-survey

Tailored questions commissioned by individual councils are reported only to the commissioning council and not otherwise shared unless by express written approval of the commissioning council.

Appendix B: Glossary of terms

Core questions: Compulsory inclusion questions for all councils participating in the CSS.

CSS: 2021 Victorian Local Government Community Satisfaction Survey.

Council group: One of five classified groups, comprising: metropolitan, interface, regional centres, large rural and small rural.

Council group average: The average result for all participating councils in the council group.

Highest / lowest: The result described is the highest or lowest result across a particular demographic subgroup e.g. men, for the specific question being reported. Reference to the result for a demographic sub-group being the highest or lowest does not imply that it is significantly higher or lower, unless this is specifically mentioned.

Index score: A score calculated and represented as a score out of 100 (on a 0 to 100 scale). This score is sometimes reported as a figure in brackets next to the category being described, e.g. men 50+ (60).

Optional questions: Questions which councils had an option to include or not.

Percentages: Also referred to as 'detailed results', meaning the proportion of responses, expressed as a percentage.

Sample: The number of completed interviews, e.g. for a council or within a demographic sub-group.

Significantly higher / lower: The result described is significantly higher or lower than the comparison result based on a statistical significance test at the 95% confidence limit. If the result referenced is statistically higher or lower then this will be specifically mentioned, however not all significantly higher or lower results are referenced in summary reporting.

State-wide average: The average result for all participating councils in the State.

Tailored guestions: Individual guestions tailored by and only reported to the commissioning council.

Weighting: Weighting factors are applied to the sample for each council based on available age and gender proportions from ABS census information to ensure reported results are proportionate to the actual population of the council, rather than the achieved survey sample.

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