



# Health and Wellbeing Strategy

2020–2024



Shire of  
Serpentine  
Jarrahdale



# Serpentine Trails







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# Shire President's Foreward

I am pleased to present the Shire's Health and Wellbeing Strategy 2020–2024, which is integral to Council achieving our objective of a connected, thriving, active and safe community.

This Strategy has been reviewed and identifies the most significant health and wellbeing issues, as expressed by the community, and outlines the actions we will undertake to address them.

As the fastest growing local government in Western Australia (WA), this document will be critical in guiding Council to strategically plan and facilitate liveable local communities, enabling residents to enjoy good health and wellbeing at every stage of life.

With the impacts of COVID-19 expected to be experienced for years to come, this Strategy will also assist us as we navigate our journey to social and economic recovery, recognising that supporting the health and wellbeing of our residents is more important than ever.

The Strategy has been developed in consultation with our community and key health agencies, providing a framework for building and fostering positive health outcomes for all residents in the Shire. It has also been developed alongside our Strategic Community Plan 2017–2027 to ensure the principles and strategic directions align.

The Council is committed to continuing to positively influencing the community's health and wellbeing, though we cannot achieve our desired outcomes alone.

We look forward to delivering on the outcomes of this Strategy with our partners, including other levels of government, primary health and not-for-profit service providers, along with our community.

**Cr Michelle Rich**  
**Shire President**





# Executive Summary

As Western Australians, we enjoy one of the world's highest life expectancies, however the prevalence of underlying health issues is increasing. The Shire of Serpentine Jarrahdale has reviewed our Health and Wellbeing Strategy 2020–24 with a vision ***'To protect, promote and enhance the health and wellbeing of our community in safe and sustainable environments.'***

Good health and wellbeing is dependent on a wide range of factors. These factors, otherwise known as health determinants, include not only our individual characteristics and lifestyles; importantly the social, economic, built and natural environments in which we live, work and play. Local government plays a significant role in creating environments for communities to prosper.

In developing the Health and Wellbeing Strategy, the Shire conducted a community perception survey on the level of risk residents felt certain behavioural, social, economic and environmental factors posed on their own health and that of their families. Local demographic statistics were also used to inform the themes, mission statements and objectives of the Strategy.

The Health and Wellbeing Strategy is based on local health priorities and is aligned with the health priorities of State and Federal Government. The strategy aims to be a positive influence on the community's health and wellbeing by providing a framework that supports an integrated and collaborative approach

The Shire will work towards growing **healthy and active lifestyles**, **connected and inclusive communities**, as well as **safe and sustainable environments** for Serpentine Jarrahdale to thrive.





# Introduction

The Shire's lead in enforcing health laws has resulted in numerous successes over the previous decades in helping to prevent, reduce or even eliminate the prevalence of many diseases and health risks in WA.

Improving public health requires recognition within the Shire of exactly what health services and assets are delivered, and what public health outcomes are being achieved.

Public Health planning enables the Shire to have a better understanding of assessing and ensuring our resources are used in the most appropriate and efficient way to address the public health needs of our community and target priority areas, rather than increase the number of services provided.<sup>1</sup>

The *Public Health Act 2016* defines Public Health as:

- a) the wider health and wellbeing of the community; and
- b) the combination of safeguards, policies and programmes designed to protect, maintain, promote and improve the health of individuals and their communities and to prevent and reduce the incidence of illness and disability.<sup>2</sup>

It is recognised as a shared responsibility, where the State Governments, non-government agencies and Local Governments each play a role in helping support and drive improvements to the health and wellbeing of the WA population, be it at a state-wide or local community level.

Every local government is required to prepare a Local Public Health Plan as of Section 45 (4) of the WA Public Health Act 2016 that considers the public health needs of its local district.<sup>1</sup> As such, the Health and Wellbeing Strategy 2020-2024 is a five-year strategic document that has been reviewed from the previous 2016-19 strategy and meets the Shire's legislative obligations for the development of a local Public Health Plan. It is informed by community consultation and a variety of data sources.

This new direction in planning for health calls for a more integrated approach to the provision of facilities, programs and services to address not only environmental health, but chronic disease, mental health issues, communicable diseases and other issues common in our community.<sup>1</sup>

It has involved collaboration within the Shire's various program service areas, neighbouring Councils, the East Metropolitan Health Service (EMHS), local community and other local health service providers.

There is a wide spectrum of actions that influence public health, and all are important to achieving a healthier community.

A coordinated effort is needed from all public health partners and the community. We are confident that this approach will strengthen collaboration across the Shire and drive positive improvements to the health and wellbeing of the whole community.

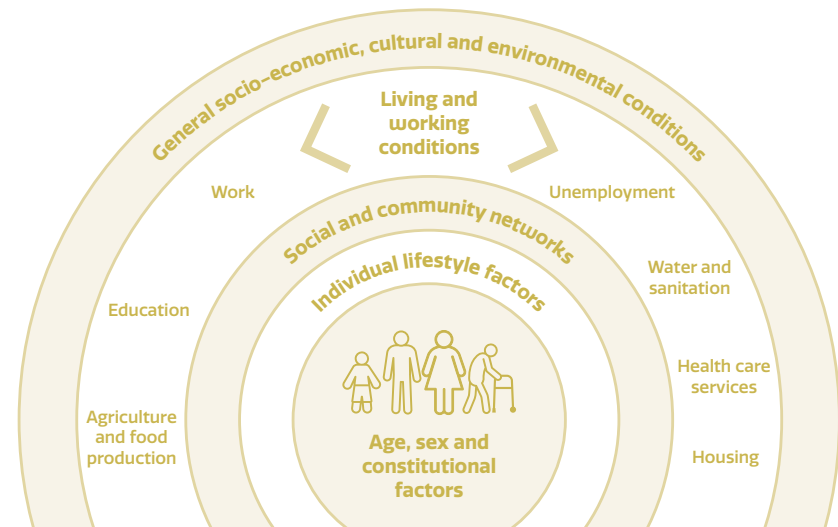


Figure 1: A framework for determinants of health <sup>3</sup>



# Strategic Alignment

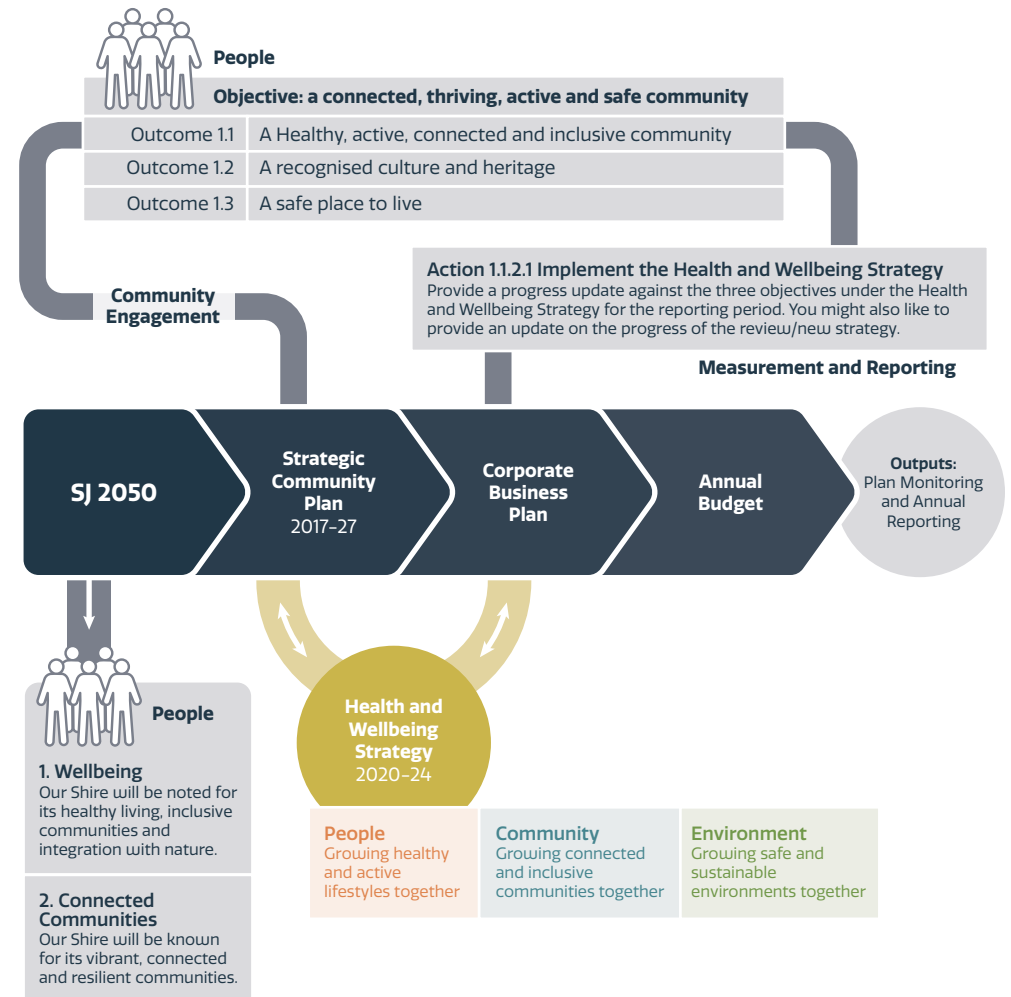
This Health and Wellbeing Strategy 2020–2024 is an informing strategy integrated into future plans process required under the *Local Government Act 1995* and in accordance with section 45(3) of the *WA Public Health Act 2016*.

Within the Shire's Integrated Planning and Reporting Framework is SJ2050, a visioning document, which aims to set out a framework for the Shire and commit to accommodating the expected 100,000 people planned for in Perth and Peel @ 3.5 million. In this, the Health and Wellbeing Strategy aligns directly with two of the Shire's community aspirations:

1. Wellbeing: Our shire will be noted for its healthy living, inclusive communities and integration with nature; and
2. Connected Communities: Our Shire will be known for its vibrant, connected and resilient communities.

These aspirations are further strategised as objectives and outcomes in the Shire's Strategic Community Plan, a 10-year strategy and planning tool.

Through careful operational planning and prioritisation, the outcomes and objectives become deliverable actions in the four-year Corporate Business Plan, which is delivered through the adoption of an Annual Budget.



The image above outlines the Health and Wellbeing Strategy's relationship with the Shire's Integrated Planning and Reporting Framework



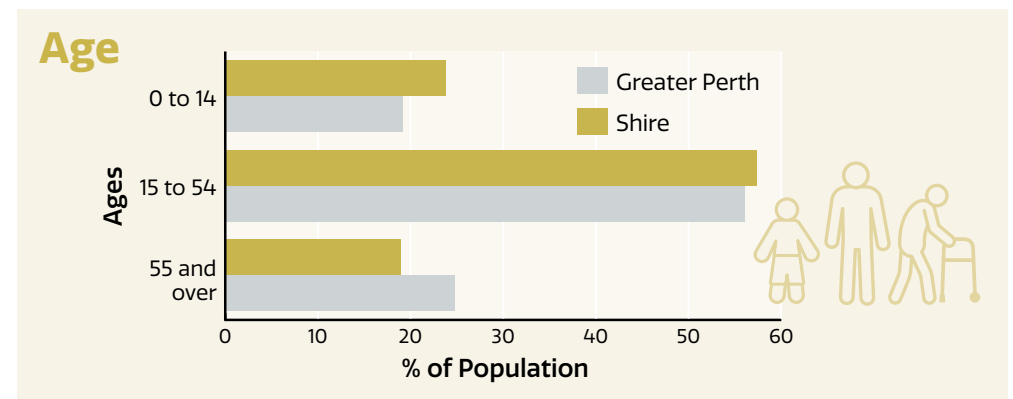
# Local Demographics

The Shire is the fastest growing local government in WA, located in the Peel region and located approximately 45 kilometres from the Perth CBD. It encompasses a total land area of 905km<sup>2</sup> and has an estimated resident population of 32,562 as of 30 June 2019. Comparative to 2018 statistics, this represents a population growth of by 5.29%.<sup>4</sup> The population forecast for by the end of 2020 is 34,523 and by 2036 is 68,335. That is an increase of by 40,681 persons (147.11% growth), at an average annual change of 4.63% from 2016 to 2036.<sup>5</sup> The three largest ancestries were English, Australian and Scottish. 25.3% of people in the Shire were born overseas, and 9.1% of people spoke a language other than English at home, with the dominant language being Punjabi spoken by 1.2% of the population.<sup>4</sup>

The Shire has a large proportion of young people (0 to 14 years) compared to that of Greater Perth. In 2016, Byford area had the highest population density, due to the increase of young families moving into the area. When compared with greater Perth, only 13% of households contained only one person, compared with 23.0% in Greater Perth, with the most dominant household size being 2 persons per household.

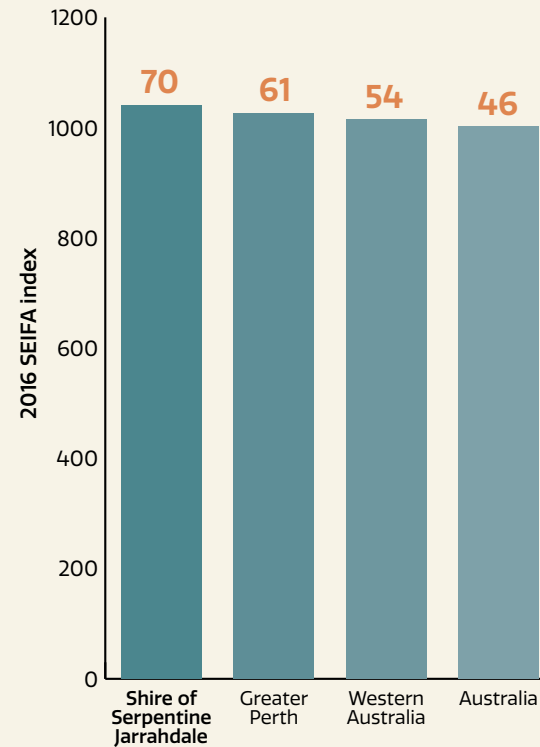
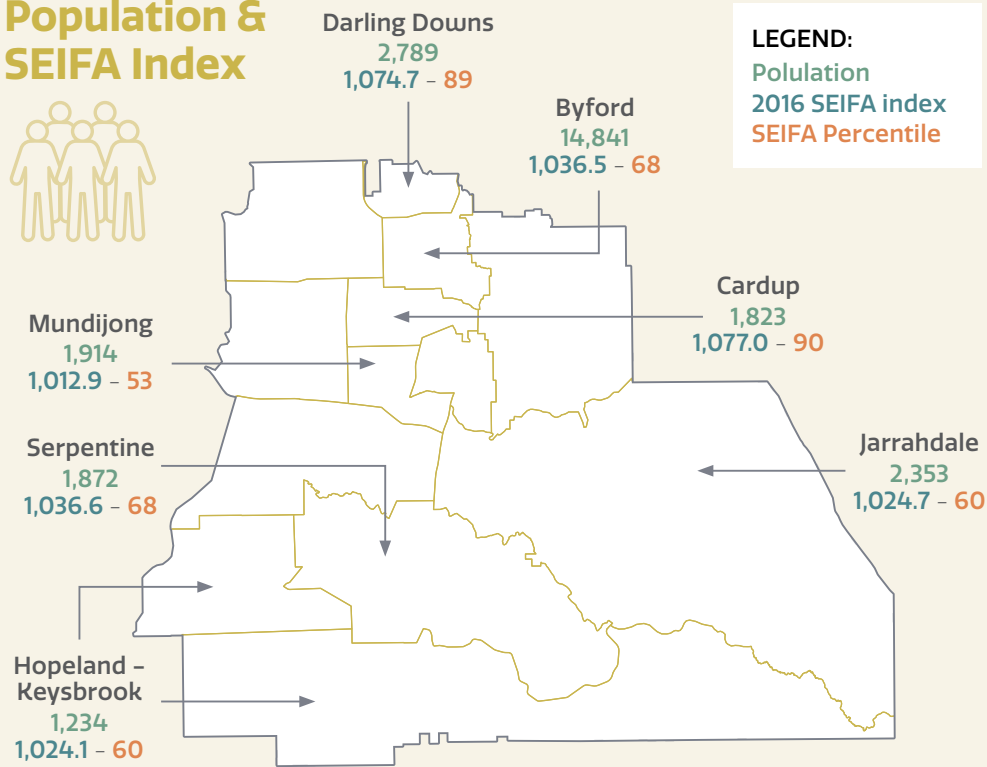
Socioeconomic indexes for areas (SEIFA) uses a range of domains including income, education, employment, housing and other indexes to rank areas according to socio-economic advantage and disadvantage. There is an inverse association with the SEIFA score and the level of disadvantage experience by the community; this means that a higher SEIFA score indicates a lower level of disadvantage and a lower figure means a higher level of disadvantage. The percentile column indicates the approximate position of this area in a ranked list of Australia's suburbs and localities. The Shire generally has higher SEIFA scores when compared with Australia. Cardup area had the lowest level of Disadvantage in our Shire, while Mundijong had the highest level of disadvantage.

Overall in the Shire, 25.0% of households earned a high income and 9.2% were low income households, compared with 24.8% and 15.7% respectively for Greater Perth. The Shire had a high rate of employment, with 92.9% of the residents are employed, of which 65% work full-time and 34% part-time. Most of the Shire residents worked in construction than in any other industry. The biggest employment categories are Technicians and Trade Workers (21%), Clerical and Administrative Workers (14.3%), Professionals (12%) and Machinery Operators and Drivers (11.8%).<sup>4</sup>





## Population & SEIFA Index



## Estimated Population



**34,523**

For end of 2020

**68,335**

Forecast by 2036

## Total Land Area



**905km<sup>2</sup>**

Shire of Serpentine Jarrahdale

## Cultural



**25.3%**

Born overseas

**9.1%**

Spoke another language

**2%**

Aboriginal Population

## Employment



**92.9%**

Employed

**21%**

Technicians & trade workers

**13.1%**

Construction

## Housing



**2 Persons**

Most dominant household size



# Health Profile

This strategy is informed by important local health and social data collected by EMHS and developed into the Shire of Serpentine Jarrahdale Community Health Profile for 2019,<sup>6</sup> which includes data from a variety of databases including the Australian Bureau of Statistics (ABS) and the Australian Institute of Health and Welfare (AIHW). The Shire's Community Health Profile was critical to the review of the strategy, along with an extensive community consultation process that has helped to inform the framework comprising of vision, themes, missions, objectives and actions for the five-year period. The purpose of this profile is to give an overall picture of the health of the Shire's population, and to look at population data relating to lifestyle and biomedical risk factors, as well as social and economic determinants of health. In addition, it looks at current health conditions, deaths, immunisation and early childhood development.

Mental health conditions, including anxiety and depression, are associated with higher rates of death, poorer physical health and increased exposure to lifestyle risk factors. It was identified that mental health was a major area of opportunity for improvement in the Shire, with high prevalence of psychological distress and mental health conditions for residents.

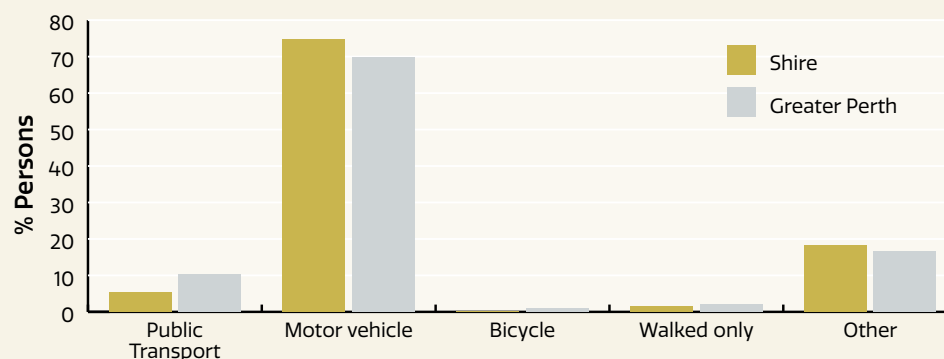
In addition, being overweight or obese can contribute to the development of chronic conditions such as heart disease, Type II Diabetes, osteoarthritis and some cancers. In the Shire, over three-quarters of the adult population (76.4%) is overweight or obese. Furthermore, over one in five children (23.4%) are overweight or obese. There is higher prevalence of people who are overweight and obese within the Shire, compared to WA in whole.

Moreover, in our Shire ischemic heart disease (or coronary heart disease) is the most common cause of death for both genders, with males at 12.3% and females at 8.5%. The second most common cause

of death was lung disease (both genders). This condition has a strong association with tobacco smoking. Many diseases could be prevented or delayed, through public health measures that encourage a healthy diet and physical activity. Of the Shire residents who are employed, 68.4% drive to work, whilst only 5.2% catch public transport, 1.6% walk and only 0.1% ride a bike.<sup>4</sup>

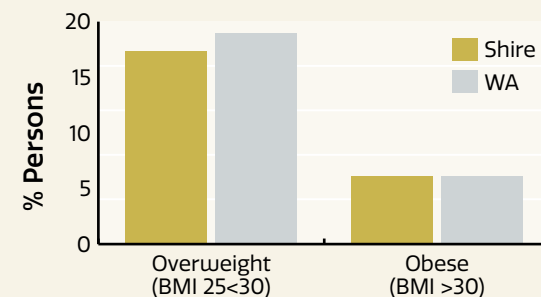
## Travel Method

Shire of Serpentine Jarrahdale - Employed persons  
(Usual residence) - 2016



## Youth Obesity

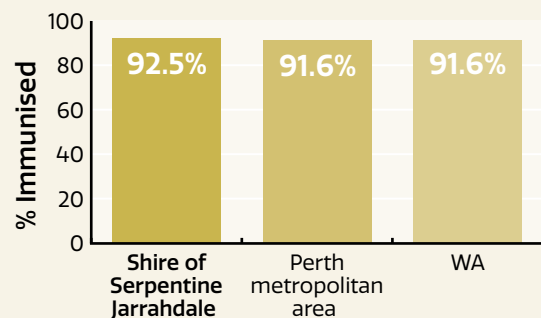
Estimated population of children and adolescents (aged 2 to 17 years) who are overweight and obese, 2014-15





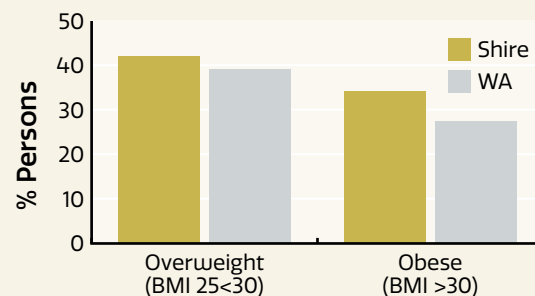
## Immunisation

Percentage of children fully immunised for total population, 31 December 2017



## Biomedical Risk Factors

Prevalence of biomedical risk factors for persons aged 16 years and over, 2010-16



## Lifestyle Risk Factors

Prevalence of lifestyle risk factors for adults aged 16 years and over, 2010-16



**13.7% – 13.1%**  
Currently smokes



**54.4% – 48.6%**  
Eats less than two serves of fruit daily



**89.2% – 88.9%**  
Eats less than five serves of vegetables daily



**31.6% – 33.8%**  
Eats fast food at least weekly



**30.4% – 31.5%**  
Drinks at high risk levels for long term harm



**13.7% – 12.9%**  
Drinks at high risk levels for short term harm



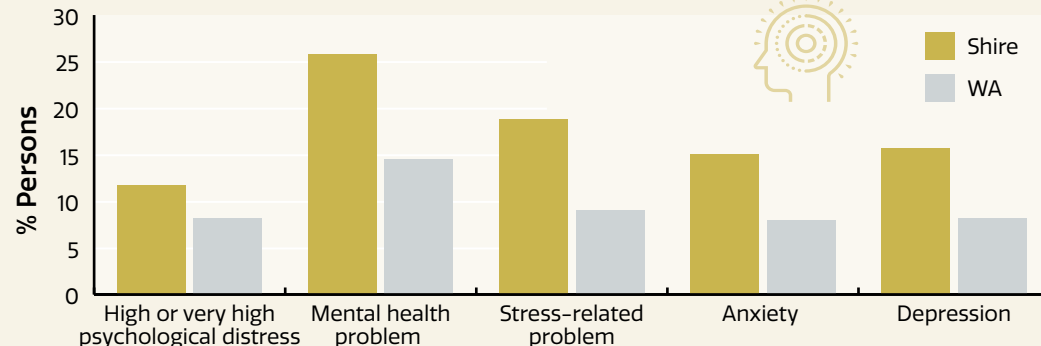
**42.1% – 36.5%**  
Less than 150 minutes of physical activity per week



**27.3% – 32.4%**  
Spends >21 hours per week in sedentary leisure time

## Mental Health

Prevalence of mental health indicators for persons aged 16 years and over, 2010-16



## Youth Suicide

**Males**  
**Females**

**Shire of Serpentine Jarrahdale**

**Perth metropolitan area**

**Western Australia**

31.5

15.1

19.6

8.1

6.5

7.7

Age standardised rate of youth (15 to 24 years) suicides, 2006-15



# Community Consultation

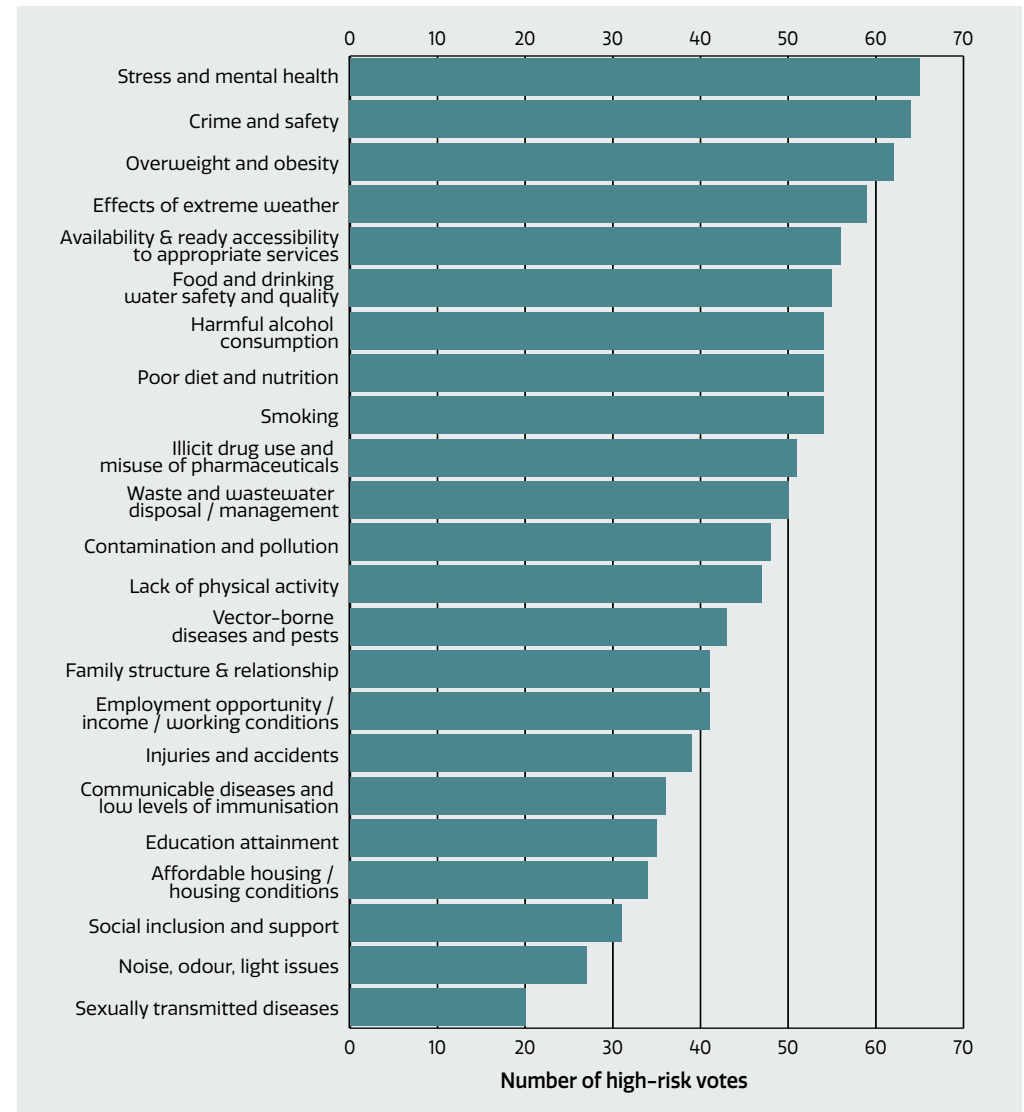
A key step in developing the Strategy was ensuring that the community was involved.

As part of the community consultation process, 119 community groups were contacted to provide their input, as well as 10 external agencies and industry bodies such as LiveLighter, Alcohol Think Again, and Edith Cowan University.

A community perception survey was carried out to determine what the residents felt were their biggest health risk concerns for themselves and their family. In addition, we requested their ideas and suggestions on what the Shire could deliver to reduce public health risks and improve the overall health and wellbeing of our community.

Shire Officers attended 10 community events in Byford, Mundijong and Serpentine to meet with community members in person to complete the survey. Moreover, the survey was distributed by letter-drop to 100 residents and promoted across the Shire's digital channels to all Councillors and the public.

In total, 239 responses were received, all of which had a valuable input to help us set priority objectives based on the results.





Our vision is:

**“To protect, promote and enhance the health and wellbeing of our community in safe and sustainable environments.”**





Together with the health profile data and feedback from the community on emerging public health issues, three themes, their mission statements and objectives have been developed:

Themes	1. People	2. Community	3. Environment
Mission statements	Growing healthy and active lifestyles together	Growing connected and inclusive communities together	Growing safe and sustainable environments together
Objectives	<ul style="list-style-type: none"> <li>a) Provide easy access to information that empowers and enables residents to make informed healthy choices for themselves and their families</li> <li>b) Increase opportunities for active lifestyles through options of the public, private or natural sources</li> <li>c) Reduce smoking and alcohol-related harms and anti-social behaviours within the community</li> </ul>	<ul style="list-style-type: none"> <li>a) Promote positive mental health and wellbeing initiatives for the community to be involved in</li> <li>b) Support community diversity, harmony and social wellbeing with particular emphasis on key vulnerable groups</li> <li>c) Ensure appropriate resourcing of emergency response and recovery</li> </ul>	<ul style="list-style-type: none"> <li>a) Ensure the community has food security and support local food businesses to build and maintain a positive food safety culture</li> <li>b) Ensure water quality, water safety, and effective wastewater management</li> <li>c) Ensure that built environments are safe and, accessible</li> <li>d) Protect the community from unwanted exposure to hazards and emissions that have negative impact on the environment and amenity</li> <li>e) Work towards cleaner, greener and more sustainable neighbourhoods with a sense of integration with nature</li> <li>f) Facilitate and advocate for sustainable and accessible transport choices, and improved interaction between transport modes</li> </ul>



# 1. People

**Growing healthy and active  
lifestyles together**



The following actions have been developed to align with national, state and local health priorities. The Health and Wellbeing Strategy 2020-2024 identifies existing activities currently undertaken by the Shire, and new priority areas following feedback from the community.

## 1. PEOPLE – Growing healthy and active lifestyles together

Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
a) Provide easy access to information that empowers and enables residents to make informed healthy choices for themselves and their families	i. Identify local partnership opportunities to support state and federal Healthy Lifestyles campaigns	Report quarterly in the Corporate Business Plan (CBP) on partnerships, campaigns taken part in and grants applied for, and successfully received (Target: 1 per quarter)	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Cancer Council WA               <ul style="list-style-type: none"> <li>LiveLighter</li> <li>SunSmart</li> </ul> </li> <li>Fight the Bite</li> <li>Injury Matters               <ul style="list-style-type: none"> <li>Stay on your Feet</li> </ul> </li> <li>Relevant government agencies</li> </ul>	<ul style="list-style-type: none"> <li><b>Environmental Health</b></li> <li>Community Development</li> </ul>
	ii. Promote and implement the initiatives of the 'Pathway to Healthy Food Environments' (PHFE) project as well as encourage agri-food processing and production	Report quarterly in the CBP on: <ul style="list-style-type: none"> <li>the progression of the pilot project (Target: expected end date of June 2021)</li> <li>the continuation of the promotion and implementation of the initiatives thereafter</li> </ul> Report monthly on the number of: <ul style="list-style-type: none"> <li>food business and primary production development applications received and approved</li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Edith Cowan University</li> <li>Switch Your Thinking (i.e. side benefit of reducing waste by buying unpackaged and unprocessed foods)</li> </ul>	<ul style="list-style-type: none"> <li><b>Environmental Health</b></li> </ul>
	iii. Identify opportunities to promote the Healthy Menu Options program and other healthy-eating initiatives	Report quarterly in the CBP on the number of: <ul style="list-style-type: none"> <li>social media posts put up (Target: 1 per month)</li> <li>SJ Matters e-newsletter (Target: 1 per month)</li> <li>registered interests</li> <li>those contacted back by EHOs</li> <li>involvement in other healthy-eating projects (Target: 1 per year)</li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Local food businesses</li> </ul>	<ul style="list-style-type: none"> <li><b>Environmental Health</b></li> <li>Communications</li> <li>Community Development</li> </ul>

Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
a) continued	iv. Promote existing public health campaigns and services	Report monthly on: <ul style="list-style-type: none"> <li>the review and addition of campaigns and services on our website</li> <li>number of venues or events public health campaigns and services promotional resources have been provided</li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Health services</li> <li>Cancer Council WA <ul style="list-style-type: none"> <li>SunSmart</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><b>Environmental Health</b></li> <li>Communications</li> <li>Community Development</li> </ul>
b). Increase opportunities for active lifestyles through options of the public, private or natural sources	i. Identify opportunities to offer, facilitate and support a wide range of fitness and wellbeing programs that are accessible, affordable, and cater to various community cohorts	Report quarterly in the CBP on the number of programs (Target: 1 per quarter), and number of participants for each program	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>SJ Community Recreation Centre</li> <li>Community Sports Clubs</li> <li>Armadale Family Centre</li> </ul>	<ul style="list-style-type: none"> <li><b>Sport and Recreation</b></li> </ul>
	ii. Deliver the actions identified in the Shire's Walking and Cycling Plan	Report on successful Business Case Plans for each prioritised pathway in the implementation plan (Target: 100%)	✓	✓	✓	✓		<ul style="list-style-type: none"> <li><b>Design</b></li> <li>Strategic planning</li> <li>Natural reserves</li> <li>Sport and Recreation</li> </ul>
	iii. Develop and implement a Community Infrastructure Implementation Plan / Community Infrastructure and Public Open Space Strategy	Report annually on the number of: <ul style="list-style-type: none"> <li>projects successfully completed (Target: To council by October 2020, implementation extends to 2046)</li> <li>new community facility developments to incorporate shade (Target: 100%)</li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Cancer Council WA <ul style="list-style-type: none"> <li>SunSmart</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><b>Community Projects and Facilities</b></li> <li>Strategic Planning</li> <li>Assets</li> <li>Natural reserves</li> <li>Landscape Architect and Restoration</li> </ul>
	iv. Develop (2020-21) and implement a Trails Prioritisation Plan	Report annually on the number of projects from the plan that are successfully completed	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Jarrahdale Heritage Society</li> <li>SJ Trails Inc.</li> </ul>	<ul style="list-style-type: none"> <li><b>Community Projects and Facilities</b></li> <li>Trails Project Officer</li> <li>Strategic Planning</li> <li>Assets</li> <li>Natural reserves</li> </ul>



Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
c) Reduce smoking and alcohol-related harms and anti-social behaviours within the community	i. Encourage safe consumption of alcohol within the Shire's district, in partnership with other external agencies and organisations	<ul style="list-style-type: none"> <li>Report quarterly in the CBP on the number of:               <ul style="list-style-type: none"> <li>venues / events safe alcohol consumption promotional resources have been provided</li> <li>number of alcohol-free community events (Target: 90% of all events – Exception of Opera at the Mill, Log Chop, or any private birthdays, anniversaries, fundraisers running a bar or allowing BYO)</li> </ul> </li> <li>Report annually on the number of:               <ul style="list-style-type: none"> <li>Development Applications relating to alcohol premises</li> <li>Submissions made to Department of Racing, Gaming and Liquor with regards to liquor license applications</li> <li>Alcohol-attributable hospitalisations / deaths in the Shire</li> </ul> </li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Alcohol Think Again</li> <li>Cancer Council WA               <ul style="list-style-type: none"> <li>Make Smoking History</li> </ul> </li> <li>Department of Racing, Gaming and Liquor</li> </ul>	<ul style="list-style-type: none"> <li><b>Environmental Health</b></li> </ul>
	ii. Promote non-smoking within the Shire's district, in partnership with other external agencies and organisations	<ul style="list-style-type: none"> <li>Report quarterly on the number of venues / events non-smoking promotional resources have been provided</li> <li>Report annually on the number of current in the Shire</li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Cancer Council WA               <ul style="list-style-type: none"> <li>Make Smoking History</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><b>Environmental Health</b></li> <li>Community Development</li> </ul>





## 2. Community

Growing connected and  
inclusive communities  
together



## 2. COMMUNITY – Growing connected and inclusive communities together

Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020–21	2021–22	2022–23	2023–24		
a) Promote positive mental health and wellbeing initiatives for the community to be involved in	i. Foster good mental health amongst the community, through community groups and volunteering opportunities	<ul style="list-style-type: none"> <li>Report monthly on the:               <ul style="list-style-type: none"> <li>Review and addition of active community groups;</li> <li>number of volunteers registered community directory on our website as well as Mundijong Public Library (i.e. Books on Wheels deliveries, Community History volunteering, work placements for high school students)</li> </ul> </li> <li>Report quarterly in the CBP on the number of:               <ul style="list-style-type: none"> <li>Programs (Target: 3 per quarter?);</li> <li>participants for each program;</li> <li>new opportunities identified (Target: 1 per year)</li> </ul> </li> <li>Report annually on the number of leases to community groups for recreational purposes (Target: 15 per year)</li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>SJ Community Recreation Centre</li> <li>Mundijong Public Library</li> <li>Youth Focus</li> <li>Stephen Michael Foundation</li> <li>Local Sikh Community</li> <li>Men's Shed</li> <li>Community groups</li> <li>Peel Volunteer Resource Centre</li> <li>Armadale Volunteer Resource Centre</li> <li>SJ Landcare Inc</li> </ul>	<ul style="list-style-type: none"> <li><b>Sport and Recreation</b></li> <li>Community Development</li> <li>Library Services</li> <li>Switch Your Thinking</li> </ul>
	ii. Identify partnership opportunities that support state and federal mental health campaigns (i.e. special mental health awareness days/weeks, events), including funding	Report quarterly in the CBP on: <ul style="list-style-type: none"> <li>campaigns supported (Target: Mental Health Week, R U OK Day – i.e. promote on social media &amp; develop email signature banners)</li> <li>the number of venues / events mental health promotional resources have been provided</li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Mentally Healthy WA</li> <li>Act-Belong-Commit</li> <li>Mental Health Commission</li> <li>Think Mental Health</li> </ul>	<ul style="list-style-type: none"> <li><b>Community Development</b></li> <li>Library services</li> <li>Communications</li> </ul>

Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
b) Support community diversity, harmony and social wellbeing with particular emphasis on key vulnerable groups	i. Deliver the actions identified in the Shire's Ageing Well Strategy 2019-2023	<ul style="list-style-type: none"> <li>Report quarterly in the CBP on the KPIs achieved</li> </ul>	✓	✓	✓	✓		<ul style="list-style-type: none"> <li><b>Community Development</b></li> <li>Library services</li> </ul>
	ii. Advocate for the delivery of local and regional programs and facilities for the Shire's senior residents (Looking after our Seniors)	<ul style="list-style-type: none"> <li>Report quarterly in the CBP on assistance received with undertaking potential sites for facility development on State-controlled land, as well as contribution towards a total of \$150,000 investment for further aged care analysis requirements</li> </ul>	✓	✓			<ul style="list-style-type: none"> <li>Federal Government</li> <li>State Government</li> <li>Non-for-Profit organisations</li> <li>Private organisations</li> </ul>	<ul style="list-style-type: none"> <li><b>Community Development</b></li> </ul>
	iii. Deliver the actions identified in the Shire's Access and Inclusion Plan 2018 – 2022	<ul style="list-style-type: none"> <li>Report quarterly in the CBP on the actions completed from the implementation plan</li> </ul>	✓	✓	✓		<ul style="list-style-type: none"> <li>Building services</li> <li>National Disability Insurance Scheme</li> </ul>	<ul style="list-style-type: none"> <li><b>Community Development</b></li> </ul>
	iv. Identify new opportunities to celebrate the Shire's heritage, cultural diversity and community harmony	<ul style="list-style-type: none"> <li>Report on the completion of the Shire's Heritage Survey (Target: June 2021)</li> <li>Report quarterly in the CBP on the number of events celebrating the Shire's heritage, cultural diversity and community harmony</li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Jarrahdale Heritage Society</li> <li>Serpentine Heritage Society</li> <li>Byford Historical Committee (Byford Progress Association)</li> <li>Community groups</li> </ul>	<ul style="list-style-type: none"> <li><b>Strategic Planning</b></li> <li>Community Development</li> <li>Library services</li> </ul>
	v. Develop (2020) and implement the Shire's Community Safety and Crime Prevention Plan 2020-2022	<ul style="list-style-type: none"> <li>Report annually according to the key indicators outlined in the Plan</li> </ul>	✓	✓	✓		<ul style="list-style-type: none"> <li>Statutory Planning</li> <li>WA Police</li> </ul>	<ul style="list-style-type: none"> <li><b>Community Safety</b></li> <li>Strategic Planning</li> <li>Rangers</li> </ul>



Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
c) Ensure appropriate resourcing or emergency response and recovery	i. Coordinate and ensure appropriate response to emergencies	<ul style="list-style-type: none"> <li>Report monthly on the:               <ul style="list-style-type: none"> <li>services provided by Bush Fire Brigades within recognised timeframes</li> <li>support provided to Bush Fire Brigades and other Emergency Services in responding emergencies</li> </ul> </li> </ul>	✓	✓	✓	✓	• Bush Fire Brigades	• <b>Emergency services</b>
	ii. Facilitate emergency management processes for community safety under the Emergency Management Act 2005	<ul style="list-style-type: none"> <li>Report quarterly in the CBP on:               <ul style="list-style-type: none"> <li>LEMC meetings held (Target: 1 per quarter)</li> <li>Agendas and Minutes being distributed within one week of Executive Management approval (Target: 100%)</li> </ul> </li> <li>Report annually on exercises held (Target: 1 per year)</li> <li>Report on the review of the Local Emergency Management Arrangements in accordance with statutory requirements (Target: every 5 years or after a major incident - occurring at present)</li> </ul>	✓	✓	✓	✓	• Local Emergency Management Committee	



# 3. Environment

Growing safe and sustainable environments together





### 3. ENVIRONMENT – Growing safe and sustainable environments together

Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
a) Ensure the community has food security and support local food businesses to build and maintain a positive food safety culture	i. Support local food businesses and food handlers to maintain the required skills and knowledge	▪ Report monthly on the number of people who complete and email through their FoodSafe Online course certificate	✓	✓	✓	✓	▪ Local food businesses	▪ <b>Environmental Health</b>
	ii. Assess food businesses and primary productions based on food safety risk and performance against relevant food safety legislation	▪ Report monthly on the number of food business inspections completed, and detail those who were compliant and non-compliant	✓	✓	✓	✓		
	iii. Participate in the WA Food Monitoring Program (WAFMP) surveys	▪ Report quarterly in the CBP on any active WAFMP surveys the Shire had participated in (Target: participate in all surveys)	✓	✓	✓	✓	▪ Department of Health ▪ Local food businesses	
b) Ensure water quality, water safety, and effective wastewater management	i. Monitor drinking water quality from private supplies	▪ Report monthly on the number of outstanding and completed water sampling for local food businesses on non-scheme water, and detail those who were compliant and non-compliant	✓	✓	✓	✓	▪ Local food businesses	▪ <b>Environmental Health</b>
	ii. Monitor water quality of public pools and recreational water bodies	▪ Report monthly on the number of outstanding and completed water sampling for: ▫ public aquatic facilities; ▫ recreational water bodies ▫ and detail those who were compliant and non-compliant	✓	✓	✓	✓	▪ Serpentine Park Home Village ▪ Department of Parks and Wildlife ▪ Serpentine Swim School ▪ Serpentine Camping Centre ▪ Byford Secondary College ▪ Superkid Aquatics	

Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
b) continued	iii. Ensure that wastewater treatment systems and liquid waste disposal is managed and monitored against environmental health legislation	<ul style="list-style-type: none"> <li>Report monthly on the number of:               <ul style="list-style-type: none"> <li>▫ applications received and assessed for on-site wastewater treatment systems</li> <li>▫ Aerobic Treatment Unit service reports received</li> </ul> </li> <li>Report quarterly on the number of Light Industrial Premise Inspections completed (Target: 1 per quarter)</li> </ul>	✓	✓	✓	✓	• Aerobic Treatment Unit service providers	
c) Ensure that built environments are safe and, accessible	i. Assess public buildings against relevant legislation	<ul style="list-style-type: none"> <li>Report monthly on the number of Public Building risk assessments completed</li> </ul>	✓	✓	✓	✓		• <b>Environmental Health</b>
	ii. Assess and provide guidance to event organisers on risk management and key health and safety requirements	<ul style="list-style-type: none"> <li>Report monthly on the number of event applications received and assessed</li> </ul>	✓	✓	✓	✓	• Event organisers	<ul style="list-style-type: none"> <li>• <b>Community Development</b></li> <li>• Environmental Health</li> </ul>
	iii. Assess Building Applications and swimming pool barrier against the relevant legislations	<ul style="list-style-type: none"> <li>Report monthly on the number of:               <ul style="list-style-type: none"> <li>▫ Building Applications received and completed</li> <li>▫ Swimming Pool barriers assessments completed</li> </ul> </li> </ul>	✓	✓	✓	✓	• Builders	• <b>Building</b>
	iv. Perform development compliance audits and enforcement action against relevant legislation	<ul style="list-style-type: none"> <li>Report monthly on the number of:               <ul style="list-style-type: none"> <li>▫ Compliance matters opened</li> <li>▫ Compliance matters closed</li> <li>▫ Customer service requests received</li> <li>▫ Site visits undertaken</li> </ul> </li> </ul>	✓	✓	✓	✓		• <b>Statutory enforcement</b>
	v. Implement the Shire's Buildings Asset Management Plan for safe and sustainable Shire facilities	<ul style="list-style-type: none"> <li>Report annually on the number of customer service requests in the BAMP Level of Service table; BAMP will be updated every 5 years (2022/23 next)</li> </ul>	✓	✓	✓	✓	• Operations Team	• <b>Assets</b>



Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
d) Protect the community from unwanted exposure to hazards and emissions that have negative impact on the environment and amenity	i. Respond to customer service requests in relevance to the customer's needs and reflects organisational values	<ul style="list-style-type: none"> <li>Report monthly on the number of customer service requests active and completed</li> </ul>	✓	✓	✓	✓		• Environmental Health
	ii. Implement the Shire's Mosquito Management Plan	<ul style="list-style-type: none"> <li>Report annually capturing all management actions over the previous 12 months, including:               <ul style="list-style-type: none"> <li>Results and recommendations on the monitoring and treatment programme;</li> <li>Details of any changes to the programme</li> </ul> </li> </ul>	✓	✓	✓	✓		
	iii. Require development proposals to be accompanied by relevant technical assessments and management plans to reduce or eliminate any negative impact on environment or amenity.	<ul style="list-style-type: none"> <li>Report quarterly in the CBP on the number of:               <ul style="list-style-type: none"> <li>Strategic planning proposals</li> <li>Statutory planning proposals that are assessed for environmental health impacts</li> </ul> </li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Statutory Planning</li> <li>Strategic Planning</li> </ul>	• Environmental Health
	iii. Request major strategic proposals to be accompanied by health impact assessment against objectives of the Health and Wellbeing Strategy	<ul style="list-style-type: none"> <li>Report quarterly in the CBP on the number of strategic proposals that have provided adequate considerations against the Health and Wellbeing Strategy</li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Strategic Planning</li> </ul>	

Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
d) continued	iv. Provide ranger patrol services for community safety and amenity	<ul style="list-style-type: none"> <li>▪ Report monthly on the number of customer service requests active and completed with regards to: <ul style="list-style-type: none"> <li>▫ Litter</li> <li>▫ Building Site Waste</li> <li>▫ Barking dogs</li> <li>▫ Loose animals</li> <li>▫ Antisocial behaviours</li> </ul> </li> </ul>	✓	✓	✓	✓		▪ <b>Community Safety</b>
e) Work towards cleaner, greener and more sustainable neighbourhoods with a sense of connection to the land and nature	i. Develop (2020) and implement the Shire's Waste Management Strategy 2020-2024	▪ Report quarterly in the CBP according to the key indicators outlined in the strategy	✓	✓	✓	✓		▪ <b>Waste and Fleet</b> ▪ Civil Maintenance
	ii. Implement the Shire's Urban and Rural Forest Strategy 2018-2028	▪ Report quarterly in the CBP on actions achieved as per the strategy	✓	✓	✓	✓		▪ <b>Environmental and Biodiversity Officer</b> ▪ Assets ▪ Parks and Gardens
	iii. Implement the Shire's Local Biodiversity Strategy – Update Report 2019	▪ Report quarterly in the CBP on actions achieved as per the strategy's updated report	✓	✓	✓	✓		▪ <b>Environmental and Biodiversity Officer</b> ▪ Assets
	iv. Develop (2020) and implement the actions identified for the various the programs in the Switch Your Thinking Business Plan 2020-2025	▪ Report quarterly in the CBP on actions achieved as per the plan	✓	✓	✓	✓	▪ Mundijong Public Library	▪ <b>Switch Your Thinking</b>
	v. Participate and support environmental projects and programs	▪ Report quarterly in the CBP on environmental projects and programs including the Waterwise Council Program, Water Management Strategies, Verge Plant Program and development of a Community Gardens program.	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>▪ Water Corporation</li> <li>▪ Department of Water and Environmental Regulation</li> <li>▪ Landcare SJ</li> <li>▪ Switch Your Thinking</li> </ul>	▪ <b>Environmental and Biodiversity Officer</b>



Objectives	Actions	Measuring our success	Timeframe				Stakeholders	Responsibility
			2020-21	2021-22	2022-23	2023-24		
f) Facilitate and advocate for sustainable and accessible transport choices, and improved interaction between transport modes	i. Continue to lobby for funding to be provided for the realignment of the South-West Freight Rail	<ul style="list-style-type: none"> <li>Report annually on the:               <ul style="list-style-type: none"> <li>Council endorsed documents that promote</li> <li>any significant advocacy meetings / activities to support the project</li> </ul> </li> </ul>	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>Federal Government</li> <li>State Government</li> <li>Department of Planning</li> <li>Main Roads WA</li> <li>Department of Transport</li> </ul>	<ul style="list-style-type: none"> <li><b>Strategic Planning</b></li> <li>Infrastructure and Assets</li> </ul>
	ii. Continue to advocate for the Hypergrowth Network Implementation Plan, to improve the road networks in our Southern localities for the benefit of residents to facilitate the Shire's growth and the industrial development of our region.	<ul style="list-style-type: none"> <li>Report annually on the submissions put through to State or Federal Government to commit funding to assist with the development and implementation of the project</li> </ul>	✓	✓			<ul style="list-style-type: none"> <li>Main Roads WA</li> <li>Contractors</li> </ul>	
	iii. Continue to advocate and plan for a passenger railway station within the Byford Town Centre, to create an intermodal pedestrian hub of activity and transient-oriented development	<ul style="list-style-type: none"> <li>Report annually on:               <ul style="list-style-type: none"> <li>the Council endorsed documents</li> <li>any significant advocacy meetings / activities</li> <li>that support the project</li> </ul> </li> </ul>	✓	✓	✓		<ul style="list-style-type: none"> <li>Federal Government</li> <li>State Government</li> <li>METRONET</li> </ul>	
	iv. Continue to advocate for a Trail Centre, which will open up the trails across the region, connecting them at a common hub.	<ul style="list-style-type: none"> <li>Report annually on the submissions put through requesting funding for the development of the Byford Trails Centre including installation of a carpark and toilets</li> </ul>	✓				<ul style="list-style-type: none"> <li>Federal Government</li> <li>State Government</li> <li>Private organisation</li> </ul>	<ul style="list-style-type: none"> <li><b>Subdivision</b></li> </ul>

## Reporting

The Environmental Health Team will review this Strategy annually, and a report will be prepared for the Executive and Management Groups, Councillors and the Department of Health, adhering to the reporting requirements under the Public Health Act 2016. Data collection will be integrated with and based on the Corporate Business Plan.

## Acknowledgements

The Shire would like to acknowledge the contribution of the East Metropolitan Health Services for the Community Health Profile 2019, Shire service teams who provided feedback on the services they provide which contribute to the health and wellbeing of the community, and the community members who provided valuable feedback to shape what we deliver in this Strategy.

The following documents and draft documents were also used to complement this strategy:

1. State Public Health Plan for Western Australia 2019-2024
2. Public Health Planning Guide for Local Government
3. Pathway to Increasing Active Living, A guide for Local Government
4. Pathway to Improving Food Security, A guide for Local Government
5. Pathway to Reducing Harm from Alcohol Consumption, A guide for Local Government
6. Pathway to Reducing Harm from Tobacco Use, A guide for Local Government
7. Shire of Serpentine-Jarrahdale Community Health Profile 2019
8. Shire of Serpentine Jarrahdale Strategic Community Plan 2017 - 2027
9. Shire of Serpentine Jarrahdale Walking and Cycling Plan 2019
10. Shire of Serpentine Jarrahdale Community Infrastructure Implementation Plan / Community Infrastructure and Public Open Space Strategy
11. Shire of Serpentine Jarrahdale Ageing Well Strategy 2019-2023
12. Shire of Serpentine Jarrahdale Access and Inclusion Plan 2018-2022
13. Shire of Serpentine Jarrahdale Community Safety and Crime Prevention Plan 2020-2022
14. Shire of Serpentine Jarrahdale Hypergrowth Transport Network 2019
15. Shire of Serpentine Jarrahdale Local Recovery Plan 2020
16. Shire of Serpentine Jarrahdale Waste Management Strategy 2020-2024
17. Shire of Serpentine Jarrahdale Buildings Asset Management Plan
18. Shire of Serpentine Jarrahdale Mosquito Management Plan
19. Shire of Serpentine Jarrahdale Urban and Rural Forest Strategy 2018-2028
20. Shire of Serpentine Jarrahdale Local Biodiversity Strategy Update Report 2019



## References

1. Public Health Planning Guide for Local Government, Department of Health, 2018 <https://ww2.health.wa.gov.au/-/media/Files/Corporate/general%20documents/Public%20Health%20Act/public%20health%20planning/Public-Health-Planning-Guide.pdf>
2. Western Australia, Public Health Act 2016 [https://www.legislation.wa.gov.au/legislation/prod/filestore.nsf/FileURL/mrdoc\\_42242.pdf/\\$FILE/Public%20Health%20Act%202016%20-%20%5B00-i0-03%5D.pdf?OpenElement](https://www.legislation.wa.gov.au/legislation/prod/filestore.nsf/FileURL/mrdoc_42242.pdf/$FILE/Public%20Health%20Act%202016%20-%20%5B00-i0-03%5D.pdf?OpenElement)
3. Australia's Health 2016, Australian Institute of Health and Wellbeing <https://www.aihw.gov.au/reports/australias-health/australias-health-2016/contents/determinants>
4. Shire of Serpentine Jarrahdale, Forecast I.D. Community Profile, .id the population experts, 2016 <https://profile.id.com.au/serpentine-jarrahdale>
5. Shire of Serpentine Jarrahdale, Forecast I.D. Population Forecasts, .id the population experts, 2016 <https://forecast.id.com.au/serpentine-jarrahdale>
6. Shire of Serpentine Jarrahdale Community Health Profile 2019











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