PSA CONSULTING

Kempsey Local Growth Management Strategy

Draft Employment Lands Audit

12 May 2022

KEMPSEY Shire Council

Document Control

Document: Project Name: Kempsey Local Growth Management Strategy
PSA Job Number: 1250
Report Name: Draft Employment Lands Audit

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Revision History

VERSION	DATE	DETAILS	AUTHOR	AUTHORISATION
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EXECUTIVE SUMMARY

The Kempsey Employment Lands Audit has been prepared as a background study to inform the preparation of the Local Growth Management Strategy and establishes the employment lands baseline to inform the development of any future employment policies moving forward for the Shire.

The ELA has been structured to:

- provide an economic overview of Kempsey Shire and market-based factors which influence the supply of jobs and demand for employment lands within Kempsey Shire;
- detail the activities within centre, industrial, education and health zoned land across Kempsey Shire - i.e. all Business zoned lands, Industrial zoned lands and land containing the Kempsey Hospital and Kempsey TAFE (currently zoned residential R1), generally located throughout the Shire as follows:

Table E1 – Employment Zones and Locations

Zoning	Location
Centres	
B1 - Neighbourhood Centre	West Kempsey – Tozer Street
	West Kempsey – Becke Street
	South Kempsey – Middleton Street
	South West Rocks – Gregory Street
B2 - Local Centre	South West Rocks – Paragon Avenue
	South West Rocks – The Rocks Shopping Centre
	Lord Street and Rudder Street, East Kempsey
	Crescent Head- Main Street
	Crescent Head –Pacific Street
B3 - Commercial Core	Belgrave Street/Smith Street Precinct, Kempsey
	Elbow Street/Tozer Street Precinct, West Kempsey
	Top of Belgrave Street – Kempsey Central, Kempsey
B4 – Mixed Use	Lachlan Street, South Kempsey
Industrial	
IN1 - General Industry	Gladstone Street, Belgrave Street and Dungar Street, West Kempsey
	Great North Road, Frederickton
	West of railway line, South Kempsey
	East of railway line, Angus McNeil Crescent, South Kempsey
	Industrial Drive, South Kempsey
	Macleay Valley Way, South Kempsey
IN2 – Light Industry	Lindsay Noonan Drive and Fredrick Kelly Street, South West Rocks
B6 – Enterprise Corridor	Macleay Valley Way, South Kempsey
Health and Education	
R1 - Residential	Kempsey Hospital – River Street, Kempsey
	Kempsey TAFE – Sea Street, Kempsey

- identify key employment trends at the State and National level and the consequent implications for employment within Kempsey Shire in the future;
- identify strengths, weaknesses and potential opportunities for Kempsey Shire with respect to the region's economic assets, employment trends and growing sectors;
- provide estimates of the projected employment by industry for the 2020 to 2041 period for the catchment areas and for Kempsey Shire as a whole;
- provide estimates of the projected demand for various land uses within Kempsey Shire, utilising the employment projections estimated in the preceding section; and
- provide an overview of the findings in this report and provide recommendations for future land use planning in Kempsey Shire, which will also inform the preparation of the LGMS.

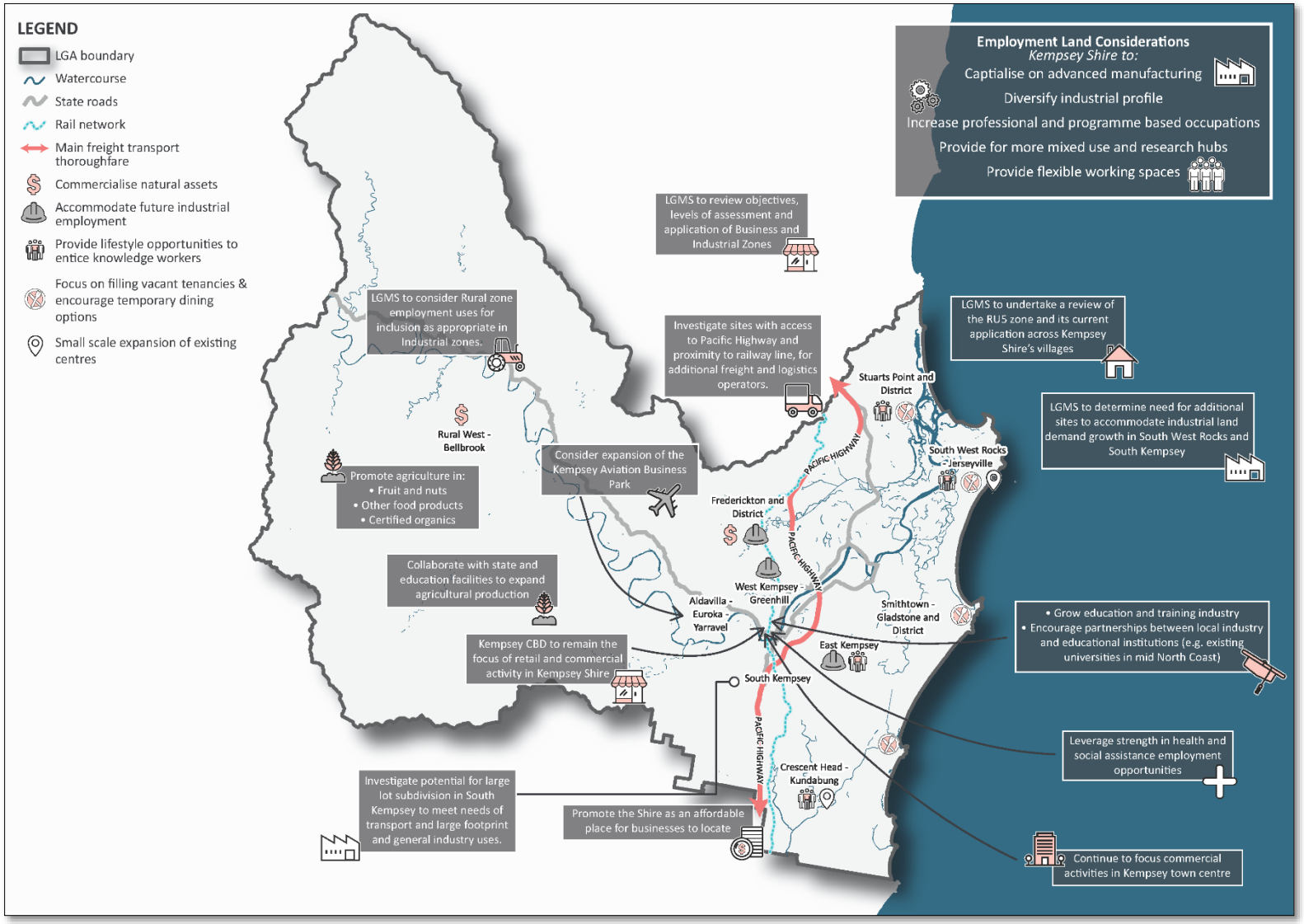
As a consequence of the employment lands analysis undertaken, the following recommendations/issues for employment should be considered when preparing the Kempsey Local Growth Management Strategy (refer also Map 1), noting that many of these recommendations relate to lands already zoned for employment purposes as identified in Table E1 above:

Table 1 – Employment Lands Audit Recommendations

NO.	RECOMMENDATIONS
1.	The LGMS should consider how the following opportunities can be facilitated within Kempsey Shire and what strategies are required to achieve these outcomes: • Capitalising on advanced manufacturing processes; diversifying the industrial profile; increasing opportunities for professional and programme-based occupations and providing for a greater proportion of mixed use and research hubs; • Providing space (such as co-working or hotdesking space) to attract and retain Kempsey Shire's residents within existing centre zoned land. It is suggested that these uses are encouraged to locate within the B3 – Commercial Core zone to reinforce the centres hierarchy within the LGA; • Structuring the local business environment in a way which allows for flexible and low risk options for spaces as many Australian start-ups will not be receiving venture capital funding; • Leveraging Kempsey Shire's strength in health and social assistance employment to attract professionals to the area in order to expand service offerings, which will eventually be used to service the ageing population in the region. By taking advantage of educational opportunities in surrounding towns (e.g. Port Macquarie) and participating in the implementation of new technologies, the region could have an advantage within the health sector. It is envisaged that growth in health and social assistance employment that requires commercial office space (e.g. general practitioners, pathology collection centres, ultrasound/x-ray clinics and physiotherapists) would be accommodated throughout centres zones within the Shire, with sites in the B3 zone along Elbow Street considered particularly desirable by users that regularly interact with Kempsey District Hospital; • Working to grow the education and training industry in order to provide residents with the opportunity to up-skill and stay relevant in the evolving economy. This could be established through collaboration with universities and research institutes such as Charles Sturt University Campus in Port Macquarie. The Country University Centres (CUC) Macleay Valley (located in Kempsey CBD) has been operational since March 2021 and offers access to study spaces, computers, higher speed internet and video conferencing to support students in Kempsey studying at any Australian university. The continued support of this facility in collaboration with universities and research institutes within the Mid North Coast will enable locals to upskill and remain within Kempsey; • Seeking to provide a range of lifestyle opportunities and services to entice knowledge workers, rather than simply providing a place to work. Connections to the global network through substantial technological infrastructure will be integral;

NO.	RECOMMENDATIONS
	• Investigate opportunities to promote Kempsey Shire as an affordable and convenient location for businesses to locate, being located proximate to the Pacific Highway which is a main freight transport thoroughfare.
2.	Encourage opportunities to develop partnerships between local industry/s with existing educational facilities within the Mid North Coast region to encourage new residents to the area. This will lead to an increase in skill level of the workforce therefore diversifying the existing employment portfolio in the area.
3.	Encourage additional outsider investment to the Shire, such as continuing to commercialise its natural assets which bring in significant tourism.
4.	Continue to promote agriculture as an industry of significance within the Macleay Valley area (South Kempsey). Investigate the opportunity for Kempsey Shire to develop emerging capabilities in the production of fruit and nuts as well as other food products and including certified organics.
5.	Kempsey Shire, in collaboration with State government and education facilities, to investigate strategies to rapidly expand the value of agricultural production by linking intensive small scale farming to research, employment, training and utilisation of flood plain lands previously used by the dairy industry.
6.	Commercial office activity should be encouraged to continue to locate within the Kempsey town centre, in existing B3 zoned lands.
7.	Allow small scale expansion of existing centres (rather than the creation of additional centres) at South Kempsey (B4 and B1 zoned lands), Crescent Head (B1 zoned land) and South West Rocks (B2 zoned land), to cater for anticipated small scale shortfalls.
8.	Consider a policy position that future demand for comparison retail floor space within South West Rocks is best met by provision within the commercial core of Kempsey, rather than through the designation of additional centres in South West Rocks.
9.	Focus on filling vacant tenancies at existing centres within South West Rocks, as opposed to the delivery of additional centres within the catchment.
10.	Encourage the provision of temporary dining options (e.g. food trucks) as opposed to the delivery of permanent additional retail floor space in coastal tourist localities, to accommodate peak visitation periods and monitor trends in visitation (potentially through regular engagement with local tourism operators) to understand the length of the peak season and whether this represents a permanent shift since COVID-19.
11.	Consider designating a minor expansion to industrial areas within Frederickton (IN1 zoned land) and East Kempsey/West Kempsey (IN1 zoned land), to accommodate future industrial employment growth in these locations to 2041.
12.	Investigate the potential to service the large remaining industrial lot at South Kempsey (IN1 zoned land), to allow for the subdivision of this allotment to provide larger industrial allotments, should the need arise to accommodate these uses in the medium to longer term.
13.	Undertake further investigations as part of the LGMS to determine the quantum of vacant zoned land that is realistically developable, as this may indicate the need to identify additional sites to accommodate industrial land demand growth in localities such as South West Rocks and South Kempsey (i.e. where total industrial land supply exceeds projected industrial land demand).
14.	Undertake further investigations as part of the LGMS to identify potential sites within direct access to the Pacific Highway and within proximity to the railway line, which would act to attract additional freight and logistics operators to the region.
15.	Council to consider the potential for an expansion of the Kempsey Aviation Business Park, acknowledging that this is likely to appeal to only a sub-sector of industrial users (i.e. those that have an aviation focus or utilise the services of Kempsey Airport).

NO.	RECOMMENDATIONS
16.	The LGMS to undertake: 1. A review of the RU5 zone and its current application across Kempsey Shire's villages, to determine whether this zone is still suitable or whether new zone/s could be more appropriately applied to better facilitate the desired planning and employment outcomes for villages; 2. A high level review of the objectives of the current Business and Industrial zones and whether the levels of assessment for particular land uses are still reflective of the desired land use outcomes for those suite of zones or whether zone changes are needed for certain employment areas to better reflect intended outcomes; and *3.* A general comparison of whether some employment related land uses currently permitted within the Rural zone may also be appropriately permitted in the Industrial zones.



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LIST OF ACRONYMS

DPIE	Department of Planning, Industry and Environment
ELA	Employment Lands Audit
LGA	Local Government Area
LGMS	Local Growth Management Strategy
LSPS	Local Strategic Planning Statement

1 INTRODUCTION

PSA Consulting, in conjunction with Bull & Bear Economics, has been engaged by Kempsey Shire Council to prepare an employment lands study to inform the preparation of the Local Growth Management Strategy (LGMS) and potentially, any subsequent amendments to the Kempsey Local Environmental Plan 2013. This report therefore forms a background study to the LGMS and establishes the employment lands baseline to inform the development of any future employment policies moving forward.

1.1 Report Structure

The report is structured as follows:

- **Section 1 Introduction:** this section provides an overview of the purpose and structure of this study;
- **Section 2 Economic Overview:** provides an economic overview of Kempsey Shire and market-based factors which influence the supply of jobs and demand for employment lands within Kempsey Shire;
- **Section 3 Existing Activity within Employment Lands:** details the activities within centre, industrial, education and health zoned land across Kempsey Shire;
- **Section 4 Employment Trends and Themes:** identifies key employment trends at the State and National level which will cause implications for employment within Kempsey Shire in the future;
- **Section 5 Economic Strengths and Weaknesses of Kempsey Shire:** this section seeks to identify strengths, weaknesses and potential opportunities for Kempsey Shire with respect to the region's economic assets, employment trends and growing sectors;
- **Section 6 Employment Projections:** estimates the projected employment by industry for the 2020 to 2041 period for the catchment areas and for Kempsey Shire as a whole;
- **Section 7 Projected Demand by Land Use:** estimates the projected demand for various land uses within Kempsey Shire, utilising the employment projections estimated in the preceding section; and
- **Section 8 Strategic Recommendations:** provides an overview of the findings in this report and provides recommendations for future land use planning in Kempsey Shire, which will also inform the preparation of the LGMS.

1.2 Local Government Area Snapshot

The Kempsey Shire Council Local Government Area is located within the NSW Mid North Coast with the main township of Kempsey being located approximately halfway between the state capitals of Sydney and Brisbane. It is also located halfway between the regional centres of Port Macquarie and Coffs Harbour. Map 2 identifies Kempsey Shire, which is bounded by:

- Nambucca Valley Council to the north;
- Armidale Regional Council and Walcha Council to the west;
- Port Macquarie-Hastings Council to the south; and
- The Pacific Ocean to the east.

Kempsey Shire covers an area of 3,380 km2 with a population of approximately 29,400 residents as at 2016 (Informed Decisions, 2021). Kempsey Shire contains a range of natural landscapes and scenic areas and is dominated by the Macleay River catchment and lower river coastal floodplain. Early development on the Macleay River established Kempsey as the major town in the late 19th century, with the floodplain limiting development in the latter parts of the 20th Century.

Kempsey has a rich and diverse character comprised of a number of urban centres, urban villages and rural villages, which are made up of a mixture of residential, commercial and some industrial land. The township of Kempsey forms the principal centre, with the coastal village (urban centre) of South West Rocks experiencing increasing demand for housing in recent years, with this trend projected to continue.

In addition to Kempsey and South West Rocks, the Shire is comprised of a number of other urban areas and rural villages, including:

- The urban villages of Crescent Head, Stuarts Point, Hat Head, Gladstone-Smithtown and Frederickton; and
- The rural villages of Grassy Head, Fishermans Reach, Jerseyville, Kinchela, Kundabung, Willawarrin and Bellbrook.

Many of these areas have land to accommodate additional growth for both housing and employment, however, the current lack of sewerage infrastructure makes servicing such growth economically inefficient.

Map 2 – Kempsey Shire Council Local Government Area and Surrounds

2 ECONOMIC OVERVIEW

This section of the report provides an economic overview and assesses market-based factors which influence the supply of jobs and the demand for employment land within Kempsey Shire. In undertaking this assessment, the analysis has utilised databases from Informed Decisions (ID) and ABS Census of Population and Housing. The ID database presents data for Kempsey Shire and ten profile areas.

This section presents socio-economic data for Kempsey Shire and profile areas which are defined in terms of the following catchment areas:

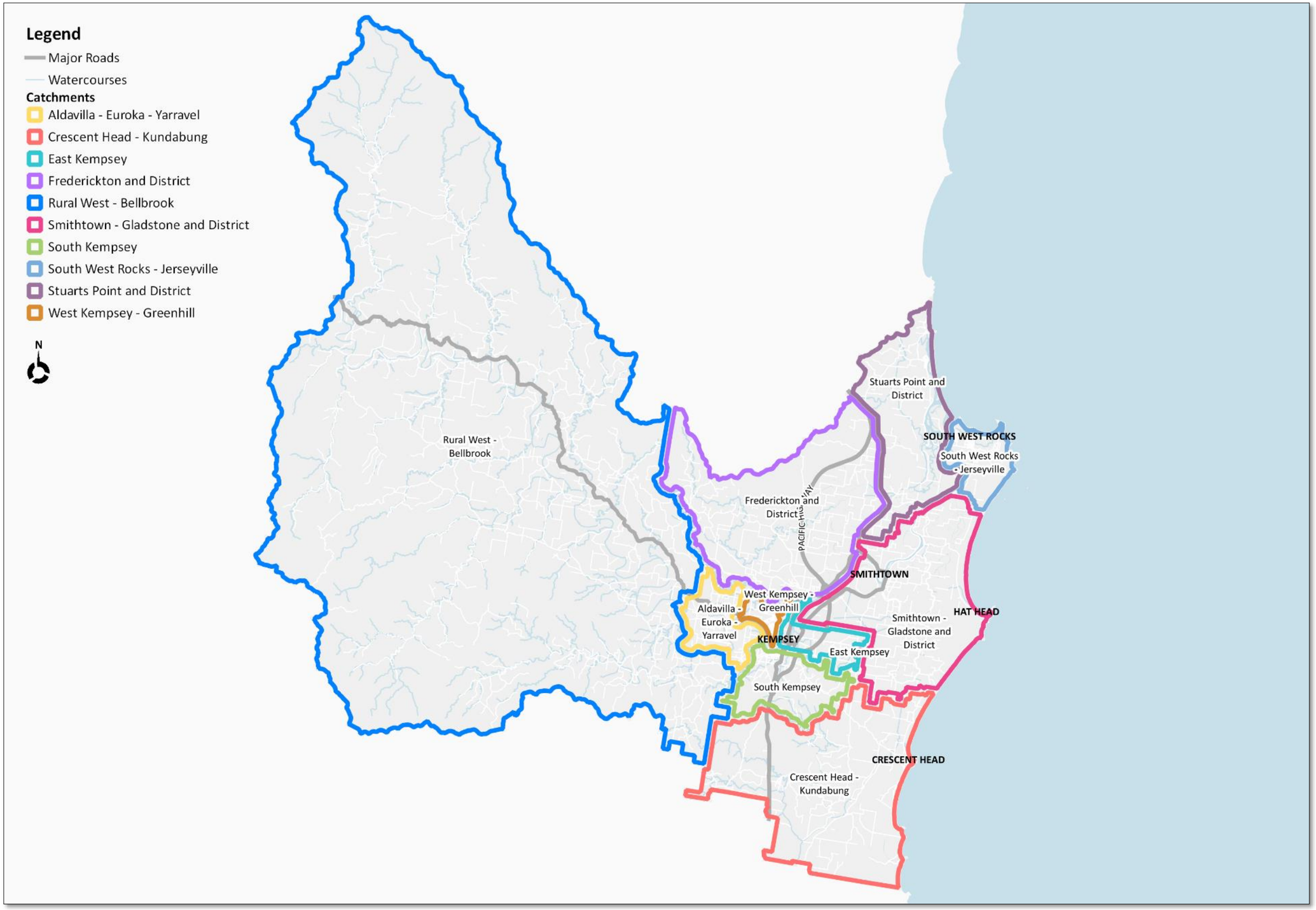
- Aldavilla - Euroka – Yarravel;
- South Kempsey and Crescent Head – Kundabung;
- East Kempsey and West Kempsey - Greenhill;
- Frederickton and District;
- Rural West – Bellbrook;
- Smithtown - Gladstone and District;
- South West Rocks – Jerseyville; and
- Stuarts Point and District.

Map 3 provides a visual representation of these catchments.

2.1 Demographic & Socio Economic Characteristics

The demographic and socio-economic characteristics of Kempsey Shire and defined catchment areas population as at the 2006, 2011 and 2016 Censuses, benchmarked to the Mid Coast and New South Wales are summarised as follows:

- At the time of the last three Censuses, the average age of residents within the Kempsey Shire has been higher than that of New South Wales (NSW) but lower than that for the Mid -Coast. Within the Kempsey Shire catchment areas, the average age was highest in South West Rocks – Jerseyville and Stuarts Point and District;
- In the 2006 to 2016 period, the incidences of couple families without children were the most common household type across Kempsey Shire and the catchment areas, although this incidence has decrease across the Shire. The incidence of couple families without children was significantly higher in Kempsey Shire compared to NSW. Over the same period, the incidence of single parent families was higher in Kempsey Shire and the majority of the catchment area compared to Mid North Coast and NSW;
- Between 2006 and 2016, the average household size in Kempsey Shire decreased from 2.5 to 2.4, this was significantly lower than NSW but on par with Mid North Coast. Over the same period, average household size was lowest in the South West Rocks – Jerseyville and Stuarts Point and District catchment area. Conversely, average household size was highest in the Aldavilla – Euroka – Yarravel catchment area;
- Between the 2006 to 2016 period, the incidence of households fully owning a home decreased in Kempsey Shire and across the majority of catchment areas, with the exception of Aldavilla – Euroka – Yarravel, Rural West – Bellbrook and Smithtown – Gladstone and District. However, the incidence of households fully owning homes was higher in the Kempsey Shire and the profiles areas compared to NSW. Over the last three Censuses, the incidence of rental households decreased by 1.4% in Kempsey Shire, this trend was observed across most catchment areas;
- The average weekly household income within the Kempsey Shire was $1,181 per week in 2016 (highest in the Aldavilla – Euroka – Yarravel and South - Kempsey and Crescent Head - Kundabung), which is $120 and $689 per week lower than the recorded Mid – North Coast and State average in the same year;



Map 3 – Catchment Areas Map (Source: Based on Informed Decisions)

- The trend of lower household incomes in Kempsey Shire was also reflected in average monthly mortgage repayments ($1,416 per month) and average weekly rental payments ($248 per week) in 2016. On average the proportion of household income within Kempsey Shire which was spent on housing costs was below than the Mid – North Coast and State averages with the State average in 2016;
- Over the last three Censuses the incidence of persons working full time in Kempsey Shire was lower than the incidence in the Mid North Coast but significantly lower than NSW. The incidence of full-time employment was highest in Aldavilla – Euroka – Yarravel, East Kempsey and Smithtown – Gladstone and District. However, as of the 2011 and 2016 Census, the incidence of persons working part-time in Kempsey Shire was higher (accounting for over a third of the population) than recorded in Mid North Coast and NSW;
- The unemployment rate in Kempsey Shire was approximately 8.6% in 2016 and was consistently higher than the unemployment rate in Mid North Coast and NSW across all three Censuses, whilst the participation rate remained lower than the Mid North Coast and State in the same time. The labour force participation rate was lowest in East Kempsey and West Kempsey – Greenhill (rate of 23.6% in 2016);
- The incidence of persons with a non-school qualification increased from 6.0% in 2006 to 8.2% in 2016 of the working age population in Kempsey Shire. Increases in the proportion of the population holding a non-school qualification were observed across all catchment areas;
- Of the working population in Kempsey Shire and the Mid North Coast, over a third are lower white-collar workers, making this occupational category the most significant in these areas across all three Censuses. This is in contrast with the State employment trends, which suggests as of the 2006, 2011 and 2016 Censuses the most significant occupational category was upper white-collar workers. The incidence of lower white-collar workers was highest in the Aldavilla – Euroka – Yarravel and South – Kempsey/Crescent Head – Kundabung catchment areas; and
- Kempsey Shire, the Mid – North Coast and NSW follow the same trend in significant employment industries overtime. In 2006, across all three areas, the most significant employing industry was retail trade, however, in 2011 and 2016 the most significant industry shifted to health care and social assistance industries. As of 2016, the health care and social assistance industry represented 16.1% of total employment Kempsey Shire and i17.3% in Mid North Coast, which is marginally higher than the recorded proportion in NSW (12.5% of employment). East Kempsey/West Kempsey – Greenhill catchment areas accounted for a large proportion of health care and social assistance employment within Kempsey Shire over the last three Censuses.

Table 2details the socio-economic profile of Kempsey Shire relative to Mid-Coast NSW and NSW as a whole, between 2006 and 2016. Appendix A includes the socio-economic profiles of each catchment area.

Table 2 – Socio-Economic Profile, 2006 to 2016 Census (Source: Source: Australian Bureau of Statistics Census of Population and Housing (2006, 2011 and 2016))

	Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016
Age Distribution									
0-14 years	20.8%	19.5%	17.2%	19.6%	18.6%	17.2%	19.8%	19.3%	18.5%
15-24 years	10.5%	10.8%	10.4%	11.0%	10.7%	10.0%	13.3%	12.9%	12.5%
25-34 years	9.1%	8.5%	9.3%	8.6%	8.3%	8.9%	13.6%	13.6%	14.3%
35-44 years	12.8%	11.0%	10.0%	12.7%	11.5%	10.3%	14.6%	14.0%	13.4%
45-54 years	15.4%	14.7%	12.9%	14.9%	14.4%	13.1%	13.8%	13.7%	13.1%
55-64 years	13.9%	15.7%	16.4%	13.6%	14.9%	15.4%	11.0%	11.7%	11.9%
65+ years	17.6%	19.8%	23.9%	19.6%	21.6%	25.1%	13.8%	14.7%	16.3%
Average age (years)	39.4	40.8	42.8	40.3	41.5	43.1	36.8	37.5	38.2
Indigenous Persons (% of Total Population)									
Aboriginal and Torres Strait Islander	9.3%	11.1%	11.6%	4.2%	5.1%	5.9%	2.1%	2.5%	2.9%
Country of Birth (% of Total Population)									
Australia	86.4%	87.2%	82.9%	84.4%	84.3%	81.0%	69.0%	68.6%	65.5%
Overseas	13.6%	12.8%	17.1%	15.6%	15.7%	19.0%	31.0%	31.4%	34.5%
United Kingdom	3.1%	2.9%	2.6%	4.5%	4.4%	4.1%	4.1%	4.0%	3.6%
New Zealand	0.9%	0.9%	0.9%	1.2%	1.3%	1.2%	1.6%	1.7%	1.6%
Philippines	0.2%	0.3%	0.4%	0.2%	0.3%	0.3%	0.9%	1.0%	1.2%
Germany	0.4%	0.4%	0.4%	0.5%	0.5%	0.4%	0.5%	0.4%	0.4%
Netherlands	0.3%	0.3%	0.2%	0.4%	0.4%	0.3%	0.3%	0.3%	0.2%
China	0.1%	0.1%	0.2%	0.1%	0.1%	0.2%	1.7%	2.3%	3.1%
United States of America	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.4%	0.4%
India	0.1%	0.1%	0.2%	0.2%	0.4%	0.6%	0.9%	1.4%	1.9%

	Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016
South Africa	0.1%	0.1%	0.1%	0.2%	0.3%	0.3%	0.5%	0.6%	0.6%
Other	8.3%	7.6%	12.0%	8.1%	7.8%	11.2%	20.2%	19.4%	21.5%
Language Spoken at Home (% of Total Population)									
English	92.3%	91.9%	87.4%	93.3%	92.5%	88.8%	74.0%	72.5%	68.5%
Non-english Speakers	6.7%	7.1%	11.5%	5.1%	5.4%	8.6%	10.0%	9.9%	12.7%
Not stated	6.1%	6.2%	10.3%	4.2%	4.3%	7.2%	6.0%	5.1%	6.3%
German	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Mandarin	0.0%	0.1%	0.2%	0.1%	0.1%	0.2%	1.5%	2.0%	3.2%
Filipino/Tagalog	0.1%	0.2%	0.2%	0.1%	0.1%	0.2%	0.7%	0.8%	0.9%
Australian Indigenous Languages	0.0%	0.1%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
All Other Languages	0.1%	0.0%	0.1%	0.1%	0.2%	0.2%	0.2%	0.3%	0.4%
Spanish	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.8%	0.8%	0.8%
Thai	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.2%	0.2%	0.3%
French	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.3%	0.3%
Other	1.0%	1.0%	1.1%	1.6%	2.0%	2.6%	16.0%	17.6%	18.8%
Household Type (% of dwellings)									
Couple families with children	23.1%	21.1%	19.2%	24.4%	22.9%	21.5%	31.8%	31.7%	31.5%
Couple families without children	28.4%	28.2%	27.3%	30.0%	30.2%	29.4%	24.1%	24.5%	24.2%
Single parent family	13.9%	14.3%	13.5%	12.1%	12.1%	11.5%	10.8%	11.0%	10.7%
Lone person households	24.8%	26.3%	26.3%	25.2%	26.3%	26.4%	22.8%	23.1%	22.4%
Average household size	2.5	2.5	2.4	2.5	2.4	2.4	2.7	2.7	2.7

	Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016
Household Finances									
% of households fully owning home	42.6%	41.5%	40.4%	41.3%	39.9%	39.7%	33.2%	31.9%	30.7%
% of households purchasing home	25.1%	25.3%	24.5%	25.8%	26.1%	24.9%	30.2%	31.9%	30.4%
% of households renting	25.6%	26.9%	24.3%	26.4%	27.4%	25.9%	28.4%	29.1%	30.3%
Average weekly household income	-	-	$1,181	-	-	$1,301	-	-	$1,870
Average monthly housing loan repayment	-	-	$1,416	-	-	$1,601	-	-	$2,173
Average weekly rent payment	-	-	$248	-	-	$290	-	-	$401
Average housing costs (as a % of income)	-	-	11.9%	-	-	12.8%	-	-	14.7%
Labour Market									
Full-time employment (% labour force)	48.0%	48.5%	47.1%	49.8%	50.3%	49.8%	60.8%	60.2%	59.2%
Part-time employment (% labour force)	37.4%	40.3%	41.2%	37.9%	39.4%	40.5%	30.6%	31.8%	32.7%
Total employment (% labour force)	85.4%	88.8%	88.3%	87.7%	89.8%	90.2%	91.4%	92.0%	91.9%
Unemployment rate (% labour force)	11.7%	8.9%	8.6%	9.9%	8.3%	7.8%	5.9%	5.9%	6.3%
Participation rate (% of population > 15 years)	47.1%	45.3%	43.2%	50.1%	50.0%	48.4%	58.9%	59.7%	59.2%
Qualifications									
% Bachelor or Higher degree	6.0%	7.4%	8.2%	8.7%	10.7%	12.5%	16.5%	19.9%	23.4%
% Advanced Diploma or Diploma	4.7%	5.5%	6.3%	6.3%	7.2%	8.4%	7.4%	8.3%	8.9%
% Vocational	20.4%	22.6%	24.5%	20.9%	23.1%	24.5%	16.8%	17.7%	18.1%
% No qualification	53.4%	49.9%	44.1%	50.7%	46.7%	41.8%	45.5%	42.8%	39.1%
Occupation									
Upper White Collar									
Managers	13.8%	12.5%	11.6%	13.3%	12.3%	11.9%	18.1%	13.3%	13.5%

	Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016
Professionals	13.4%	14.4%	14.5%	16.1%	17.4%	18.2%	14.4%	22.7%	23.6%
Subtotal	27.2%	26.9%	26.2%	29.3%	29.7%	30.1%	32.5%	36.1%	37.1%
Lower White Collar									
Community & Personal Service Workers	12.0%	13.6%	14.7%	10.7%	12.1%	12.9%	8.9%	9.5%	10.4%
Clerical and Admin Workers	11.9%	12.0%	11.1%	13.2%	13.3%	12.2%	11.7%	15.1%	13.8%
Sales Workers	10.6%	10.7%	10.3%	11.4%	11.2%	10.6%	9.4%	9.3%	9.2%
Subtotal	34.4%	36.3%	36.1%	35.3%	36.5%	35.8%	30.0%	33.8%	33.4%
Upper Blue Collar									
Technicians & Trades Workers	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Subtotal	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Lower Blue Collar									
Machinery Operators & Drivers	7.1%	7.2%	7.0%	5.8%	5.9%	6.0%	7.2%	6.4%	6.1%
Labourers	14.6%	13.9%	14.6%	12.9%	11.9%	12.4%	13.9%	8.7%	8.8%
Subtotal	21.7%	21.0%	21.7%	18.6%	17.7%	18.4%	21.1%	15.1%	14.9%
Employment by Industry (% of employees)									
Agriculture, forestry & fishing	6.3%	5.2%	5.8%	4.7%	4.0%	4.8%	2.7%	2.2%	2.1%
Mining	0.1%	0.4%	0.3%	0.2%	0.5%	0.5%	0.7%	1.0%	0.9%
Manufacturing	8.2%	7.6%	6.2%	7.4%	6.4%	4.6%	9.6%	8.4%	5.8%
Electricity, gas, water & waste services	1.1%	1.2%	1.0%	1.6%	2.1%	1.6%	1.0%	1.1%	0.9%
Construction	8.7%	8.9%	9.8%	8.9%	9.0%	10.0%	7.3%	7.3%	8.4%
Wholesale trade	3.0%	2.5%	1.2%	2.9%	2.6%	1.8%	4.7%	4.4%	3.1%

	Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016
Retail trade	13.9%	13.6%	12.2%	14.8%	13.5%	11.9%	11.1%	10.3%	9.7%
Accommodation & food services	9.0%	8.9%	8.9%	9.2%	9.0%	8.9%	6.5%	6.7%	7.1%
Transport, postal & warehousing	4.8%	4.5%	4.5%	3.8%	3.8%	3.7%	5.0%	4.9%	4.7%
Information media & telecommunications	1.0%	0.7%	0.3%	1.1%	1.0%	0.8%	2.4%	2.3%	2.2%
Financial & insurance services	1.5%	1.4%	1.2%	2.1%	2.0%	1.6%	5.0%	5.0%	4.9%
Rental, hiring & real estate services	1.6%	1.1%	1.2%	1.9%	1.7%	1.6%	1.7%	1.6%	1.8%
Professional, scientific & technical services	2.9%	3.2%	3.1%	3.9%	4.1%	4.0%	7.3%	7.9%	8.1%
Administrative & support services	2.7%	3.2%	3.9%	2.7%	3.1%	3.6%	3.1%	3.3%	3.5%
Public administration & safety	6.6%	6.6%	6.4%	5.3%	5.5%	5.4%	6.0%	6.1%	6.0%
Education & training	8.6%	8.9%	9.1%	8.5%	8.7%	9.1%	7.6%	7.9%	8.4%
Health care & social assistance	12.6%	15.4%	16.1%	13.3%	15.8%	17.3%	10.5%	11.6%	12.5%
Arts & recreation services	1.1%	1.0%	0.9%	1.3%	1.3%	1.3%	1.4%	1.5%	1.5%
Other services	3.5%	3.3%	3.5%	4.1%	4.0%	3.9%	3.8%	3.7%	3.7%

- *The average age of residents within the Kempsey Shire is higher than NSW but lower than that for the Mid - Coast;*
- *Couple families without children are the most common household type across Kempsey Shire, which was significantly higher compared to NSW. Single parent families is also higher in Kempsey Shire compared to Mid North Coast and NSW;*
- *The average household size in Kempsey Shire is significantly lower than NSW but on par with Mid North Coast;*
- *Households fully owning a home decreased in Kempsey Shire. However, households fully owning homes was higher in the Kempsey Shire compared to NSW. Rental households decreased by 1.4% in Kempsey Shire;*
- *The average weekly household income within the Kempsey Shire was $1,181 per week in 2016, which is $120 and $689 per week lower than the recorded Mid – North Coast and State average in the same year;*
- *On average the proportion of household income within Kempsey Shire which was spent on housing costs was below the Mid – North Coast and State averages in 2016;*
- *Persons working full time in Kempsey Shire was lower than the incidence in the Mid North Coast but significantly lower than NSW;*
- *The unemployment rate in Kempsey Shire was consistently higher than the unemployment rate in Mid North Coast and NSW across all three Censuses;*
- *Increases in the proportion of the population holding a non-school qualification were observed across all catchment areas;*
- *Over a third of the working age population are lower white-collar workers, which is in contrast with the State employment trends, where the most significant occupational category was upper white-collar workers.; and*
- *For Kempsey Shire, the Mid – North Coast and NSW, the most significant employing industry was retail trade, however, in 2011 and 2016 the most significant industry shifted to health care and social assistance industries. As of 2016, the health care and social assistance industry represented 16.1% of total employment Kempsey Shire.*

2.2 Historic and Projected Population

Historically, population growth in the Kempsey Shire has been relatively low, averaging approximately 0.3% growth per annum between 2012 and 2020. Population growth has also been relatively subdued in the catchment areas over this period. The Aldavilla – Euroka – Yarravel and Frederickton and District catchment areas recorded the highest growth rate, with population growing at a rate of 0.7% per annum. Interestingly, South Kempsey, Crescent Head – Kundabung, Rural West – Bellbrook and Smithtown – Gladstone and District recorded a decrease in population.

Table 3 below details the historic population of Kempsey Shire and catchment areas between 2012 and 2020.

Table 3 - Historic population within Kempsey Shire and the Catchment areas, 2012 to 2020 (Source: Informed Decisions (Population Forecasting))

	2012	2013	2014	2015	2016	2017	2018	2019	2020	Ave. Ann. Growth, 2012 to 2020
Aldavilla - Euroka - Yarravel	2,958	2,967	3,011	3,050	3,060	3,085	3,085	3,128	3,133	0.7%
Crescent Head - Kundabung	2,216	2,218	2,196	2,216	2,193	2,188	2,202	2,182	2,202	-0.1%
East Kempsey	2,120	2,160	2,156	2,140	2,163	2,185	2,190	2,200	2,198	0.5%
Frederickton and District	2,156	2,179	2,220	2,230	2,271	2,286	2,280	2,292	2,280	0.7%
Rural West – Bellbrook	2,527	2,498	2,501	2,493	2,467	2,451	2,464	2,454	2,475	-0.3%
Smithtown - Gladstone and District	2,287	2,282	2,282	2,257	2,213	2,215	2,194	2,202	2,224	-0.4%
South Kempsey	2,583	2,565	2,516	2,494	2,483	2,546	2,545	2,567	2,580	0.0%
South West Rocks - Jerseyville	5,157	5,175	5,199	5,217	5,206	5,248	5,281	5,317	5,414	0.6%
Stuarts Point and District	1,529	1,549	1,555	1,546	1,542	1,554	1,534	1,552	1,571	0.3%
West Kempsey - Greenhill	5,672	5,679	5,715	5,746	5,804	5,837	5,856	5,861	5,853	0.4%
Kempsey Shire	**29,205**	**29,271**	**29,352**	**29,389**	**29,402**	**29,595**	**29,633**	**29,755**	**29,929**	**0.3%**

Note: The Kempsey Shire figures presented in this table represent the sum of the district areas and vary slightly from the Kempsey Shire estimates published by Informed Decisions on their website.

Population and working age projections (i.e. population that is aged between 15 and 64 years of age) for Kempsey Shire have been prepared, taking into consideration the Informed Decisions (population forecasting) published in 2018.

Informed Decisions forecasting indicates the population of Kempsey Shire is anticipated to record moderate increase between 2020 and 2041, increasing from 29,929 persons in 2020 to 35,351 persons in 2041, or by 0.8% per annum. The South West Rocks-Jerseyville catchment area is anticipated to account for a large proportion of population growth within Kempsey Shire, with the population within this profile increasing from 5,414 persons in 2020 to 8,476 persons in 2041, or by 2.2% per annum. Population growth in the remaining profile is anticipated to relatively stable over the projection period.

Comparatively, the working age population within Kempsey Shire is anticipated to increase by a lesser margin, increasing at a rate of 0.5% per annum between 2020 and 2041. The working age population as a proportion of total population within Kempsey Shire is anticipated to decrease marginally, from 57.3% in 2020 to 53.9% in 2041. Consistent with population projections, the South West Rocks – Jerseyville is forecasted to account for a large share of working age growth in Kempsey Shire. However, the working age population as a share of total population across all the catchment areas is projected to decline marginally over the projection period.

Table 4 summarises the projected population and working age population within Kempsey Shire and the catchment areas between 2020 and 2041.

Table 4 - Projected Population within Kempsey Shire and Catchment Areas, 2020 to 2041 (Source: Informed Decisions (Population Forecasting))

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth (2020 to 2041)
Population Projections							
Aldavilla - Euroka - Yarravel	3,133	2,931	3,010	3,064	3,115	3,154	0.0%

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth (2020 to 2041)
South Kempsey/Crescent Head - Kundabung	4,782	4,726	4,813	5,004	5,233	5,413	0.6%
Frederickton and District	2,280	2,382	2,468	2,621	2,738	2,829	1.0%
Rural West – Bellbrook	2,475	2,574	2,584	2,630	2,704	2,761	0.5%
Smithtown - Gladstone and District	2,224	2,151	2,156	2,153	2,173	2,188	-0.1%
South West Rocks - Jerseyville	5,414	5,700	6,321	7,008	7,812	8,477	2.2%
Stuarts Point and District	1,571	1,575	1,595	1,612	1,655	1,688	0.3%
East Kempsey/West Kempsey - Greenhill	8,051	8,108	8,347	8,558	8,718	8,840	0.4%
Kempsey Shire	29,929	30,147	31,294	32,650	34,148	35,350	0.8%
Working Age Population (15 to 64 years)							
Aldavilla - Euroka - Yarravel	2,000	1,980	1,990	1,968	1,958	1,951	-0.1%
South Kempsey/Crescent Head - Kundabung	2,835	2,809	2,766	2,846	2,977	3,080	0.4%
Frederickton and District	1,342	1,346	1,358	1,385	1,446	1,494	0.5%
Rural West – Bellbrook	1,563	1,534	1,377	1,323	1,388	1,439	-0.4%
Smithtown - Gladstone and District	1,231	1,223	1,184	1,183	1,189	1,194	-0.1%
South West Rocks - Jerseyville	2,903	2,947	3,290	3,683	4,112	4,467	2.1%
Stuarts Point and District	846	822	790	776	797	813	-0.2%
East Kempsey/West Kempsey - Greenhill	4,421	4,413	4,393	4,503	4,571	4,623	0.2%
Kempsey Shire	17,142	17,074	17,148	17,667	18,438	19,059	0.5%
Working Age Population (% of Total Population)							
Aldavilla - Euroka - Yarravel	63.8%	67.6%	66.1%	64.2%	62.9%	61.8%	-0.2%
South Kempsey/Crescent Head - Kundabung	59.3%	59.4%	57.5%	56.9%	56.9%	56.9%	-0.2%
Frederickton and District	58.9%	56.5%	55.0%	52.8%	52.8%	52.8%	-0.5%
Rural West – Bellbrook	63.2%	59.6%	53.3%	50.3%	51.3%	52.1%	-0.9%
Smithtown - Gladstone and District	55.3%	56.9%	54.9%	54.9%	54.7%	54.5%	-0.1%
South West Rocks - Jerseyville	53.6%	51.7%	52.0%	52.6%	52.6%	52.7%	-0.1%
Stuarts Point and District	53.9%	52.2%	49.5%	48.1%	48.1%	48.1%	-0.5%
East Kempsey/West Kempsey - Greenhill	54.9%	54.4%	52.6%	52.6%	52.4%	52.3%	-0.2%
Kempsey Shire	57.3%	56.6%	54.8%	54.1%	54.0%	53.9%	-0.3%

- *Kempsey Shire is anticipated to record moderate population increase between 2020 and 2041, increasing from 29,929 persons in 2020 to 35,351 persons in 2041, or by 0.8% per annum.*
- *South West Rocks-Jerseyville is anticipated to account for a large proportion of population growth (2.2%), with population growth anticipated to be relatively stable for the remainder of the Shire.*
- *The working age population within Kempsey Shire is anticipated to increase at a rate of 0.5% per annum between 2020 and 2041.*
- *The working age population as a proportion of total population within Kempsey Shire is anticipated to decrease marginally, from 57.3% in 2020 to 53.9% in 2041.*

2.3 Employment Characteristics

This section of the report details the key employment characteristics of Kempsey Shire Council and its component SA2s. The employment characteristics analysed are as follows:

- Place of work for Kempsey Shire residents;
- Place of Resident for workers within Kempsey Shire;
- Workforce by industry sector by catchment areas; and
- Incidence of full time and part time employment by catchment area.

Working population data is often presented by industry of employment at the single-digit Australian and New Zealand Standard Industrial Classification (ANZSIC) level.

2.3.1 Place of Residence for Kempsey Shire Workers

In 2016, approximately 85.7% of workers (compared to 85.9% in 2011) lived and worked within Kempsey Shire. The proportion of workers from outside Kempsey Shire travelling into the local government area (LGA) for employment accounted for just over 14.0% of all workers. In 2016, workers from Port Macquarie - Hastings accounted for 8.5% of Kempsey Shire workforce (compared to 7.6% in 2011) whilst a further 2.4% of workers usually resided in Nambucca LGA (compared to 2.6% of in 2011).

Table 5 below summarises the place of residence of the Kempsey Shire workforce (i.e. where do workers in Kempsey Shire usually reside).

Table 5 - Place of Residence for Kempsey Shire Workers – 2011 and 2016 (Source: ABS Census of Population and Housing (2011 and 2016))

Place of Residence	No. of Workers	Share of Total (%)
ABS Census (2011)		
Kempsey (A)	7,562	85.9%
Port Macquarie-Hastings (A)	665	7.6%
Nambucca (A)	244	2.8%
Maitland (C)	70	0.8%
Coffs Harbour (C)	35	0.4%
Greater Taree (C)	26	0.3%
Newcastle (C)	20	0.2%
Bellingen (A)	15	0.2%
Clarence Valley (A)	13	0.1%
Armidale Dumaresq (A)	7	0.1%
Balance Of LGAs	150	1.7%
Total	**8,807**	**100.0%**
ABS Census (2016)		
Kempsey (A)	7,991	85.7%
Port Macquarie-Hastings (A)	797	8.5%

Place of Residence	No. of Workers	Share of Total (%)
Nambucca (A)	226	2.4%
Mid-Coast (A)	44	0.5%
Coffs Harbour (C)	32	0.3%
Maitland (C)	19	0.2%
Clarence Valley (A)	18	0.2%
Newcastle (C)	16	0.2%
Lake Macquarie (C)	10	0.1%
Bellingen (A)	9	0.1%
Balance Of LGAs	166	1.8%
Total	**9,328**	**100.0%**

2.3.2 Place of Work for Kempsey Shire Residents

The last two Censuses indicate Kempsey Shire has a significantly immobile workforce, with over 84.0% (80.8% in 2011) of residents also employed within Kempsey Shire. In 2016, only 15.5% (decline from 19.2% in 2011) of Kempsey Shire residents travelled to surrounding areas for employment. The proportion of Kempsey Shire residents who travelled to Port Macquarie – Hastings for employment was 5.1% in 2016, an increase from 4.3% in 2011. Kempsey Shire residents also travelled to Nambucca LGA (1.8% in 2018) and Coffs Harbour LGA (0.4%) for employment.

Table 6 below summarises the place of work of the Kempsey Shire workforce (i.e. where do Kempsey Shire residents usually work).

Table 6 - Place of Work for Kempsey Shire Residents – 2011 and 2016 (Source: ABS Census of Population and Housing (2011 and 2016))

Place of Work	No. of Workers	Share of Total (%)
ABS Census (2011)		
Kempsey (A)	7,562	80.8%
Port Macquarie-Hastings (A)	401	4.3%
POW No Fixed Address (NSW)	381	4.1%
POW State/Territory undefined (NSW)	357	3.8%
Nambucca (A)	131	1.4%
Coffs Harbour (C)	20	0.2%
Sydney (C)	14	0.1%
Greater Taree (C)	11	0.1%
Newcastle (C)	9	0.1%
Armidale Dumaresq (A)	7	0.1%
Balance	470	5.0%
Total	9,363	100.0%
ABS Census (2016)		

Place of Work	No. of Workers	Share of Total (%)
Kempsey (A)	7,991	84.5%
No Fixed Address (NSW)	503	5.3%
Port Macquarie-Hastings (A)	487	5.1%
Nambucca (A)	166	1.8%
Coffs Harbour (C)	34	0.4%
Mid-Coast (A)	22	0.2%
Central Coast (C) (NSW)	15	0.2%
Ryde (C)	10	0.1%
Clarence Valley (A)	7	0.1%
Blacktown (C)	6	0.1%
Balance	218	2.3%
Total	9,459	100.0%

2.3.3 Working Population

The economic structure of Kempsey Shire and the catchment areas has been analysed utilising the 2005-06, 2010-11, 2015-16 and 2019-20 working population data provided by Informed Decisions (Economic Profile) at the single-digit ANZSIC level. Note, Informed Decisions does not provide working population at the catchment area level for 2019-20.

The number of persons employed in Kempsey Shire increased from 9,178 in 2005-06 to 10,499 in 2019-20, representing a decrease of 0.5% per annum. However, it is worth noting that employment in Kempsey Shire was higher in 2010-11 (10,648 workers) and 2015-16 (11,032 workers) compared to 2019-20. The significant industries of employment for persons working in Kempsey Shire were health care and social assistance (13.9% in 2011, 16.9% in 2016 and 18.3% in 2020), retail trade (13.1% in 2011, 12.2% in 2016 and 10.8% in 2020) and construction (9.8% in 2011, 10.3% in 2016 and 13.9% in 2019-20).

In the 2005-06 to 2015-16 period, the Aldavilla – Euroka – Yarravel catchment area had a higher incidence of employment in retail trade sectors compared to Kempsey Shire. Similarly, the East and West Kempsey catchment area had a significantly higher incidence of employment in the health care and social assistance sector. Over the same period, the South West Rocks catchment area demonstrated higher incidence of employment in accommodation and food services, retail trade and construction compared Kempsey Shire.

Conversely, the incidence of persons employed in Kempsey Shire in the wholesale trade industry sector decreased from 2.6% in 2010-11 to 1.0% in 2019-20. Furthermore, the incidence of persons employed in the agriculture, forestry and fishing decreased from 6.6% in 2011 to 5.3% in 2020. The largest decrease within Kempsey Shire was recorded in the retail trade sector, where the incidence decreased by 2.4% between 2010-11 and 2019-20. The decrease in retail trade employment was observed across most catchment areas within Kempsey Shire.

Table 7 below provides single-digit industry of employment summary for the 2005-06 to 2019-20 period within Kempsey Shire. Appendix B provides industry of employment summaries for each of the catchment areas.

Table 7 - Industry of Employment, Kempsey Shire, 2005-06, 2010-11, 2015-16 and 2019-20 (Source: Informed Decisions (Economic Profile))

	2005-06	2010-11	2015-16	2019-20
Agriculture, Forestry and Fishing	6.6%	6.6%	5.7%	5.3%
Mining	0.2%	0.3%	0.4%	0.2%
Manufacturing	9.0%	7.6%	6.5%	8.1%

	2005-06	2010-11	2015-16	2019-20
Electricity, Gas, Water and Waste Services	0.9%	1.0%	0.8%	0.8%
Construction	9.5%	9.8%	10.3%	13.9%
Wholesale trade	3.0%	2.6%	1.2%	1.0%
Retail Trade	13.7%	13.1%	12.2%	10.8%
Accommodation and Food Services	8.9%	8.6%	8.7%	7.7%
Transport, Postal and Warehousing	4.8%	5.4%	4.8%	4.7%
Information Media and Telecommunications	1.1%	0.8%	0.3%	0.2%
Financial and Insurance Services	1.5%	1.4%	1.2%	1.1%
Rental, Hiring and Real Estate Services	1.5%	1.5%	1.3%	1.1%
Professional, Scientific and Technical Services	2.7%	3.0%	3.2%	3.0%
Administrative and Support Services	2.7%	3.0%	3.8%	3.3%
Public Administration and Safety	7.9%	7.5%	7.6%	7.1%
Education and Training	9.1%	9.6%	10.7%	8.9%
Health Care and Social Assistance	12.3%	13.9%	16.9%	18.3%
Arts and Recreation Services	1.0%	1.1%	0.9%	1.1%
Other Services	3.4%	3.2%	3.5%	3.3%
Total	9,718	10,648	11,032	10,499

2.3.4 Full Time and Part Time Employment

The 2016 Census of Population and Housing defines full-time employment as those who usually work 35 hours or more per week, regardless of how many hours they actually worked, and those who actually worked 35 hours or more in the reference week (despite usually working less than 35 hours per week). Conversely, part-time employment is defined solely based on hours worked and does not depend on employee or employer perception of whether the person is full-time or part-time. As such, if an employee worked less than 35 hours per week (across all employment) in the reference week, then the employee is considered part time.

The incidence of full time and part time workers by industry in Kempsey Shire as of the 2011 and 2016 Census was analysed to gain an insight into the historic labour market structure of Kempsey Shire. The incidence of full time employed persons has decreased by 1.9% in the 2011 to 2016 period. Similarly, the change in the incidence of full-time employment (as a proportion of the labour force) between 2011 and 2016 was highest for the following catchment areas:

- Aldavilla – Euroka - Yarravel: the incidence of full-time employment decreased from 72.5% in 2011 to 67.6% in 2016;
- Smithtown and District: the incidence of full-time employment decreased from 70.1% in 2011 to 65.7% in 2016; and
- Rural West- Bellbrook: the incidence of full-time employment decreased from 64.2% in 2011 to 61.5% in 2016.

The composition of full-time or part-time employment varies by industry sector. Within Kempsey Shire, the most significant decrease in the incidence of full-time employment between 2011 and 2016 was observed in the information media and telecommunications (decrease of 38.7%) industry, followed by the manufacturing (decrease of 8.5%) industry sector. The decreasing trend in information media and telecommunications full-time employment was also observed across all catchment areas over the same period.

Between 2011 and 2016, the incidence of full-time employment within Kempsey Shire increased significantly in the wholesale trade (increase of 17.7%) and arts and recreational services (increase of 15.7%).

Table 8 details the proportion of full-time employment and the proportion of each by industry for Kempsey Shire, between 2011 and 2016, with Appendix C detailing the proportion of full-time employment in each industry for the catchment areas.

Table 8 - Proportion of Full-time Employment by Industry – 2011 and 2016 (Source: ABS Census of Population and Housing (2011 and 2016))

	2011	2016
Agriculture, Forestry and Fishing	65.9%	62.6%
Mining	-	-
Manufacturing	82.6%	74.1%
Electricity, Gas, Water and Waste Services	90.3%	90.1%
Construction	79.5%	74.0%
Wholesale Trade	68.2%	85.9%
Retail Trade	43.9%	46.7%
Accommodation and Food Services	34.8%	35.2%
Transport, Postal and Warehousing	68.9%	64.4%
Information Media and Telecommunications	70.3%	31.6%
Financial and Insurance Services	63.2%	66.0%
Rental, Hiring and Real Estate Services	68.0%	70.5%
Professional, Scientific and Technical Services	60.8%	54.1%
Administrative and Support Services	49.3%	43.9%
Public Administration and Safety	82.2%	82.5%
Education and Training	55.2%	54.2%
Health Care and Social Assistance	49.8%	47.2%
Arts and Recreation Services	40.7%	56.5%
Other Services	66.4%	63.0%
Total	**59.0%**	**57.2%**

- *In 2016, approximately 85.7% of workers lived and worked within Kempsey Shire, therefore it* has a significantly immobile workforce.
- *The number of persons employed in Kempsey Shire increased from 9,178 in 2005-06 to 10,499 in 2019-20, representing a decrease of 0.5% per annum.*
- *However, employment in Kempsey Shire was higher in 2010-11 (10,648 workers) and 2015-16 (11,032 workers) compared to 2019-20.*
- *The significant industries of employment for persons working in Kempsey Shire were health care and social assistance (18.3% in 2020), retail trade (10.8% in 2020) and construction (13.9% in 2019-20).*
- *The biggest decrease in full-time employment between 2011 and 2016, was in information media and telecommunications (38.7%) and manufacturing (8.5%).*
- *Between 2011 and 2016, full-time employment within Kempsey Shire increased significantly in the wholesale trade (17.7%) and arts and recreational services (15.7%).*

2.4 COVID Impact on Key Economic Indicators

Beginning in early 2020, Australia, like most of the world, has been significantly impacted by the outbreak of the COVID-19 pandemic. In attempting to mitigate the spread of the virus, States and the Federal Government have introduced various physical distancing policies, travel restrictions and health protocols. The introduction of such policies combined with general uncertainty has severely impacted economic activity.

Informed Decisions regularly publishes economic data regarding the economic impacts of COVID-19 relative to pre COVID-19 levels for the corresponding quarter of the previous year. The latest available data compares September Quarter to September Quarter 2019. This section will focus on the impact of COVID-19 on the following indicators:

- Employment (local and employed residents);
- Output; and
- Value Added.

This section reports the impacts of COVID-19 with JobKeeper scheme in place.

2.4.1 Impact on Headline Indicators

Between the September Quarter 2019 and September Quarter 2020 (during COVID-19), gross regional product (GRP) within Kempsey Shire decreased by 8.3%, this was significantly higher than the decrease recorded in Regional NSW and NSW as a whole. A similar trend was observed in terms of local jobs and employed residents, where Kempsey Shire recorded significant declines in these two indicators compared to the benchmark areas. Overall, the change in headline indicators between September Quarter 2019 and September Quarter 2020 suggests that COVID-19 has had a more severe impact on economic landscape of Kempsey Shire compared to regional, state and national averages.

Table 9 below summaries the change in key economic indicators due to COVID-19 in Kempsey Shire and other benchmark areas.

Table 9 - COVID-19 Impact on Headline Indicators, Kempsey Shire, Regional NSW, NSW and Australia, September Quarter 2020 relative to September Quarter 2019 (Source: Informed Decisions (2021))

	Kempsey Shire	Regional NSW	New South Wales	Australia
GRP	-8.3%	-2.2%	-3.9%	-4.7%
Local Jobs	-6.1%	-2.6%	-3.5%	-3.7%
Employed Residents	-4.0%	-2.1%	-2.9%	-3.7%

2.4.2 Employment Impacts

Informed Decision presents data on the impact of COVID-19 on employment at the sectoral level for Kempsey Shire with respect to local jobs and employed residents. Local jobs refer to the number of jobs in the local area, whereas, employed residents refers to number of employed residents (regardless of their place of work).

2.4.2.1 Local Jobs Impact

In estimating the local jobs impact in Kempsey Shire, Informed Decisions reports three indicators, these being:

- Local jobs change;
- Local jobs change without JobKeeper; and
- Local jobs compensated by JobKeeper:

In the September Quarter 2020, the number of local jobs decreased by 669 jobs relative to the September Quarter 2019. An estimated 211 workers were compensated by the Federal Government's JobKeeper initiative, indicating in the absence

of JobKeeper assistance the number of jobs lost due to COVID-19 would be 880 jobs. The impact of COVID-19 has varied by employment sector, with the following industry sectors impacted most significantly in Kempsey Shire:

- Accommodation and Food Services: employment in this industry sector decreased by 345 workers between the September Quarter 2019 and September Quarter 2020;
- Construction: employment in this industry sector decreased by 293 workers between the September Quarter 2019 and September Quarter 2020; and
- Manufacturing: employment in this industry sector decreased by 78 workers between the September Quarter 2019 and September Quarter 2020.

The health care and social assistance (66 workers) and accommodation and food services (47 workers) sectors had the highest number of jobs compensated by the JobKeeper scheme.

Table 10 below shows the estimated change in local employment by industry in Kempsey Shire due to the impact of COVID-19.

Table 10 – COVID-19 Impact on Local Employment, Industry Sector, September Quarter 2020 relative to September Quarter 2019 (Source: Informed Decisions (2021))

	Local Jobs compensated by JobKeeper	Local Jobs Without JobKeeper	Local Jobs Change
Agriculture, Forestry and Fishing	4	121	124
Mining	0	-9	-9
Manufacturing	4	-83	-78
Electricity, Gas, Water and Waste Services	0	-7	-7
Construction	12	-304	-293
Wholesale Trade	1	-14	-13
Retail Trade	23	-85	-62
Accommodation and Food Services	47	-392	-345
Transport, Postal and Warehousing	5	-55	-50
Information Media and Telecommunications	1	-9	-8
Financial and Insurance Services	1	-8	-7
Rental, Hiring and Real Estate Services	6	-8	-3
Professional, Scientific and Technical Services	3	-55	-52
Administrative and Support Services	2	-12	-10
Public Administration and Safety	4	39	43
Education and Training	22	37	58
Health Care and Social Assistance	60	49	109
Arts and Recreation Services	4	-29	-26
Other Services	14	-54	-40
Total	**211**	**-880**	**-669**

2.4.2.2 Employed Resident Impacts

Informed Decisions also presents data on the impact of COVID-19 on the number of employed residents of Kempsey Shire. Informed Decisions defines employed residents as individuals who live in the region (i.e. Kempsey Shire) but may work elsewhere.

The number of employed residents decreased by 425 workers in the September Quarter 2020 compared to the September Quarter 2019. However, approximately 188 workers were compensated by the Federal Government's JobKeeper initiative. This indicates in the absence of JobKeeper assistance the number of jobs lost by employed residents in Kempsey Shire due to COVID-19 would be higher at 613 jobs. Consistent with local employment, the impact of COVID-19 has varied by employment sector, with the following industry sectors impacted most significantly:

- Accommodation and Food Services: the number of employed residents in this industry sector decreased by 333 workers between the September Quarter 2019 and September Quarter 2020;
- Construction: the number of employed residents in this industry sector decreased by 215 workers between the September Quarter 2019 and September Quarter 2020; and
- Manufacturing: the number of employed residents in this industry sector decreased by 68 workers between the September Quarter 2019 and September Quarter 2020.

The accommodation and food services (55 workers) and health care and social assistance (40 workers) sectors had the highest number of jobs compensated by the JobKeeper scheme.

Table 11 below shows the estimated change in employed residents by industry in Kempsey Shire due to the impact of COVID-19.

Table 11 – COVID-19 Impact on Employed Residents, Industry Sector, September Quarter 2020 relative to September Quarter 2019 (Source: Informed Decisions (2021))

	Employed Residents compensated by JobKeeper	Employed Residents Without JobKeeper	Employed Residents Change
Agriculture, Forestry and Fishing	3	132	135
Mining	0	-7	-7
Manufacturing	4	-72	-68
Electricity, Gas, Water and Waste Services	0	-6	-5
Construction	9	-224	-215
Wholesale Trade	1	-12	-11
Retail Trade	29	-67	-38
Accommodation and Food Services	55	-388	-333
Transport, Postal and Warehousing	6	-41	-35
Information Media and Telecommunications	1	-8	-7
Financial and Insurance Services	1	-6	-5
Rental, Hiring and Real Estate Services	7	-6	1
Professional, Scientific and Technical Services	3	-42	-39
Administrative and Support Services	2	-8	-6
Public Administration and Safety	4	50	54
Education and Training	6	53	58
Health Care and Social Assistance	40	109	149
Arts and Recreation Services	3	-23	-21
Other Services	14	-46	-32
Total	**188**	**-613**	**-425**

2.4.3 Output Impacts

Output is defined as the gross measure of total sales within each industry sector in a given area.

Total output across all industry sectors of employment in Kempsey Shire in the September Quarter 2020 declined by $39.0 million compared to pre COVID-19 (September Quarter 2019). COVID-19 has severely impacted output in the following industry sectors:

- Construction: output in this industry sector decreased by $33.3 million or by 19.5% between September Quarter 2019 and September Quarter 2020;
- Accommodation and Food Services: output in this industry sector decreased by $9.9 million or by 47.8% between September Quarter 2019 and September Quarter 2020; and
- Manufacturing: output in this industry sector decreased by $6.0 million or by 9.5% between September Quarter 2019 and September Quarter 2020.

Table 12 below shows the estimated change in output by industry in Kempsey Shire due to the impact of COVID-19.

Table 12 - COVID-19 Impact on Output ($m), By Industry Sector, September Quarter 2020 relative to September Quarter 2019 (Source: Informed Decisions (2021))

	Value ($m)	% Decrease
Agriculture, Forestry and Fishing	7.3	30.6%
Mining	-0.7	-11.4%
Manufacturing	-6.0	-9.5%
Electricity, Gas, Water and Waste Services	-0.5	-3.9%
Construction	-33.3	-19.5%
Wholesale Trade	-0.8	-12.8%
Retail Trade	-0.3	-1.6%
Accommodation and Food Services	-9.9	-47.8%
Transport, Postal and Warehousing	-2.2	-9.3%
Information Media and Telecommunications	-0.6	-14.5%
Financial and Insurance Services	-0.3	-3.5%
Rental, Hiring and Real Estate Services	0.6	1.2%
Professional, Scientific and Technical Services	-2.1	-15.4%
Administrative and Support Services	0.1	0.6%
Public Administration and Safety	3.2	9.9%
Education and Training	2.3	9.9%
Health Care and Social Assistance	5.6	12.1%
Arts and Recreation Services	-0.9	-16.3%
Other Services	-0.6	-6.3%
Total	**-39.0**	**-**

2.4.4 Value Added Impacts

Value added is defined as marginal economic value that is added by an industry sector, that is the total output of a region less the cost of production (i.e. cost of materials, labour and other related expenses).

Total value added across all industry sectors within Kempsey Shire in September Quarter 2020 declined by $19.5 million compared to pre COVID-19 levels (September Quarter 2019). Within Kempsey Shire, value added has been impacted mostly significantly within the following industry sectors:

- Construction: value added in this industry sector decreased by $12.2 million or by 23.0% between September Quarter 2019 and September Quarter 2020;
- Accommodation and Food Services: value added in this industry sector decreased by $4.7 million or by 51.3% between September Quarter 2019 and September Quarter 2020; and
- Manufacturing: value added in this industry sector decreased by $2.2 million or by 13.6% between September Quarter 2019 and September Quarter 2020.

Table 13 Table 13 below shows the estimated change in value added by industry in Kempsey Shire due to the impact of COVID-19.

Table 13 - COVID-19 Impact on Value Added, Industry Sector, September Quarter 2019 and September Quarter 2020 (Source: Informed Decisions (2021))

	Value ($m)	% Decrease
Agriculture, Forestry and Fishing	2.6	25.8%
Mining	-0.6	-15.8%
Manufacturing	-2.2	-13.6%
Electricity, Gas, Water and Waste Services	-0.4	-7.5%
Construction	-12.2	-23.0%
Wholesale Trade	-0.5	-15.4%
Retail Trade	-0.8	-6.1%
Accommodation and Food Services	-4.7	-51.3%
Transport, Postal and Warehousing	-1.4	-13.9%
Information Media and Telecommunications	-0.3	-16.0%
Financial and Insurance Services	-0.4	-7.3%
Rental, Hiring and Real Estate Services	-0.3	-3.3%
Professional, Scientific and Technical Services	-1.3	-19.6%
Administrative and Support Services	-0.4	-3.8%
Public Administration and Safety	1.1	5.2%
Education and Training	0.9	5.2%
Health Care and Social Assistance	2.4	7.3%
Arts and Recreation Services	-0.4	-17.2%
Other Services	-0.6	-12.6%
Total	**-19.5**	**-8.3%**

Overall, the change in headline indicators between September Quarter 2019 and September Quarter 2020 suggests that COVID-19 has had a more severe impact on economic landscape of Kempsey Shire compared to regional, state and national averages.

2.5 Summary

The socio-economic profile for Kempsey Shire as of the latest Census identified that the region was characterised by:

- Higher average age of residents within the Kempsey Shire compared to NSW but lower than that for the Mid-North Coast. Within the Kempsey Shire catchment areas, the average age was highest in South West Rocks – Jerseyville and Stuarts Point and District;
- The incidence of couple families without children was significantly higher in Kempsey Shire compared to NSW. The incidence of single parent families was higher in Kempsey Shire and the majority of the catchment compared to Mid- Coast and NSW;
- The average household size in Kempsey Shire decreased from 2.5 to 2.4, this was significantly lower than NSW but on par with Mid-Coast;
- Higher incidence of households fully owning homes in the Kempsey Shire and the catchment areas compared to NSW;
- Lower average weekly household income within the Kempsey Shire compared to Mid-Coast and State average; and
- Lower incidence of full time employment in Kempsey Shire than in the Mid-Coast, the incidence of persons working part-time in Kempsey Shire was higher than recorded in Mid-Coast and NSW. The unemployment rate in Kempsey Shire is higher than the Mid-Coast and NSW.

In the 2020 to 2041 period, Kempsey Shire anticipated to record moderate population growth, increasing from 29,929 persons in 2020 to 35,351 persons in 2041, or by 0.8% per annum. Whereas the working age population within Kempsey Shire is anticipated to increase by a lesser margin, increasing at a rate of 0.5% per annum between 2020 and 2041.

Workers in Kempsey Shire were most likely to reside in Port Macquarie – Hastings and Nambucca LGAs. Conversely, employed residents of Kempsey Shire were most likely to work in Port Macquarie – Hastings, Nambucca and Coffs Harbour LGAs.

COVID-19 continues to impact Kempsey Shire, Informed Decisions data for showing the impact of COVID-19 (September Quarter 2020 compared to September Quarter 2019) indicate significant economic impacts in terms of employment, output and value added, as outlined below:

- **Local Employment:** decreased by 669 workers compared to the September Quarter 2019, with a further 211 workers able to maintain employment due to the Federal Government's JobKeeper initiative;
- **Employed residents:** decreased by 425 workers in the September Quarter 2020 compared to the September Quarter 2019, with approximately 188 workers able to maintain employment due to the Federal Government's JobKeeper initiative;
- **Output:** declined by $39.0 million in September Quarter 2020 compared to pre COVID-19 (September Quarter 2019), with major impact on the construction (declined by $33.3 million or by 19.5%), accommodation and food services (declined by $9.9 million or by 19.5%) and manufacturing (declined by $6.0 million or by 9.5%); and
- **Value Added:** declined by 8.1% in September Quarter 2020 compared to pre COVID-19 (September Quarter 2020), with major impact on the construction (declined by $12.2 million or by 23.0%), accommodation and food services (declined by $4.7 million or by 51.3%) and manufacturing (declined by $2.2 million or by 13.6%).

The Informed Decisions data for the various economic factors indicates that Kempsey Shire has been impacted more severely by COVID-19 compared to NSW more broadly, due to its higher reliance on the retail trade and accommodation and food services sectors.

The significant decline in activity within the retail trade and accommodation and food services industry sectors due to COVID-19 is set to have considerable impacts on the demand for retail floor space within Kempsey Shire, although in the short term, retailers are anticipated to mostly keep their existing tenancy operational, with less staff on-shift at any one time.

2.5.1 Implications for LGMS

The above key employment and demographic data may influence the development of future policy which addresses the type and location of jobs and employment lands that Kempsey Shire will need to plan for through the preparation of the LGMS. Given that population growth is anticipated to increase at a higher rate (0.8%) than the working age population (0.5%) in Kempsey Shire between 2020-2041, this may shape Council's future employment policies, regarding whether it will be seeking to attract more workers to Kempsey Shire. If so, the LGMS will need to consider what opportunities can be identified to act as an attractor for Kempsey Shire as a place to work and what measures may be required to facilitate this.

3 EXISTING ACTIVITY WITHIN EMPLOYMENT LANDS

In undertaking the assessment of existing activity within employment lands, consideration was given to activity within the following zonings under the Kempsey Local Environmental Plan (LEP) 2013:

- B1 Neighbourhood Centre;
- B2 Local Centre;
- B3 Commercial Core;
- B4 Mixed Use;
- B6 Enterprise Corridor;
- IN1 General Industrial; and
- IN2 Light Industrial.

In September and November 2021, a comprehensive inventory was undertaken within these zonings to verify the role and function of activity within each of the relevant zones and to identify vacant tenancies, vacant land and remnant housing within each zone. The outcomes of the employment lands assessment have been grouped up into the following categories:

- Centres activity:
    - B1 Neighbourhood Centre;
    - B2 Local Centre;
    - B3 Commercial Core;
    - B4 Mixed Use;
- Industrial / business park activity:
    - B6 Enterprise Corridor;
    - IN1 General Industrial; and
    - IN2 Light Industrial.

A brief discussion has also been provided relating to the Kempsey Hospital and Mid North Coast Institute of TAFE, which represent the major health and education uses within Kempsey Shire. These uses are both located on R1 zoned land.

3.1 Centres Activity

Between September and November 2021, a comprehensive inventory of centres zoned land within Kempsey Shire was undertaken by Council officers, with floor spacing estimated through aerial imagery.

The inventory provided on-the-ground information about the tenant composition, layout and accessibility of existing centres, as well as confirming the role and function of each centre. The centres network assessment included centres located in South West Rocks, West Kempsey, Kempsey and Crescent Head.

The inventory also identified and quantified vacant tenancies within each centre.

Table 14 provides a summary of the centres within Kempsey Shire including details on total floor space in square metres (sqm), retail floor space and anchor tenants.

Table 14 - Floorspace (sqm) in Kempsey Shire by centre type, total floorspace and retail floorspace, 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council))

Zoning	Centre Location	Total Floorspace (sqm)	Total Retail Floorspace (sqm)	Anchor Tenants
B3 - Commercial Core	Belgrave Street/Smith Street Precinct	66,692	36,363	Big W, Woolworths and ALDI
	Elbow Street/Tozer Street Precinct	22,256	7,506	-
	Kempsey – Kempsey Central	5,795	5,060	Coles
B2 - Local Centre	South West Rocks – Paragon Avenue	7,610	4,000	Chemist, Friendly Grocer
	South West Rocks – The Rocks Shopping Centre	5,820	4,080	Coles
	East Kempsey	1,075	855	-
	Crescent Head- Main Street	3,787	3,347	-
	Crescent Head –Pacific Street	550	550	-
B1 - Neighbourhood Centre	West Kempsey – Tozer Street	180	180	-
	West Kempsey – Becke Street	760	560	-
	South Kempsey – Middleton Street	200	200	General Store
	South West Rocks – Gregory Street	2,695	2,485	IGA Express
B4 – Mixed Use	South Kempsey	3,810	3,050	-

3.1.1 B3 Commercial Core

The Kempsey Shire commercial core (B3) under the Local Environmental Plan 2013 represents the Kempsey Shire Central Business District (CBD) and is situated north of the Macleay River. The commercial core has two distinct precinct, these being Tozer Street/ Elbow Street which contains the main concentration of commercial office activities (including Council building) and Belgrave Street/Smith Street precinct which accommodates the majority of retail tenancies (i.e. Woolworths and Aldi).

3.1.1.1 Kempsey

There was an estimated 88,948sqm of total floor space across the commercial core zoning across the Kempsey CBD, comprising of 43,869sqm in retail floor space, 38,393sqm of commercial office floor space and 6,686sqm in vacant tenancies. There were also several apartments, largely for accommodation uses (i.e. hotels and motels) identified in the commercial core.

The Belgrave Street/Smith Street precinct was estimated to contain an estimated 66,692sqm of total floor space, comprising of 36,363sqm in retail floor space and 24,053sqm in commercial floor space. The major tenants in this precinct included Big W (3,800sqm), Woolworths (3,200sqm) and ALDI (1,500sqm). An estimated 6,276sqm of vacant tenancies were identified within this precinct, representing a vacancy rate of 9.4%. There was also a single vacant land identified within this precinct.

The Tozer Street and Elbow Street precinct contains a range of administrative offices including the Council building, Library and Fire Station. In total, this precinct is an estimated 22,256sqm in total floor space, comprising of 7,506sqm in retail floor space and 14,340sqm in commercial floor space. This precinct had an estimated vacancy rate of 1.8%. In addition to the above, there were six remnant houses, a church and childcare centre identified in this precinct.

Kempsey Central, located on the top of Belgrave Street, is an estimated 5,795sqm in total floor space. Major tenants include Coles (3,500sqm) and a number of national retailers including Millers and EB Games. An estimated 185sqm of vacant tenancies were identified within the Kempsey Central, representing a vacancy rate of less than 3.2%.

Outside of the commercial core zoning, there was a range of other uses identified including a swimming school, childcare centre and several car dealerships identified within and in proximity to the commercial core.

Table 15 summarises the floor space provision within the commercial core zoning at the time of the inventory being undertaken.

Table 15 - Inventory of Commercial Core (B3) Zoning, by Floor Space Type, Kempsey, 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council)

	B3 – Belgrave Street/ Smith Street		B3 – Elbow Street/Tozer Street		B3 - Kempsey Central	
	Total Floor Space (sqm)	% of Floor Space	Total Floor Space (sqm)	% of Floor Space	Total Floor Space (sqm)	% of Floor Space (sqm)
Retail						
Groceries and take-home food	6,700	10.0%	415	1.9%	3,500	60.4%
Dining and take-away food	3,635	5.5%	2,632	11.8%	270	4.7%
Clothing, footwear and apparel	2,560	3.8%	325	1.5%	135	2.3%
Personal and other goods	6,860	10.3%	999	4.5%	1,155	19.9%
Core bulky goods	6,921	10.4%	780	3.5%	0	0.0%
Ancillary bulky goods	4,080	6.1%	530	2.4%	0	0.0%
Hardware	4,957	7.4%	1,435	6.4%	0	0.0%
Take away liquor	650	1.0%	390	1.8%	0	0.0%
Total retail floor space	**36,363**	**54.5%**	**7,506**	**33.7%**	**5,060**	**87.3%**
Commercial						
Financial and insurance services	2,915	4.4%	280	1.3%	150	2.6%
Rental, hiring and real estate services	1,010	1.5%	220	1.0%	0	0.0%
Health care and social assistance	10,350	15.5%	1,495	6.7%	200	3.5%
Professional, scientific and technical services	4,490	6.7%	1,390	6.2%	0	0.0%
Administrative and support services	5,288	7.9%	10,955	49.2%	200	3.5%
Total commercial floor space	**24,053**	**36.1%**	**14,340**	**64.4%**	**550**	**9.5%**
Vacant	6,276	9.4%	410	1.8%	185	3.2%
House	-	-	6	-	-	-
Vacant Land	1	-	-	-	-	-
Other	5	-	3	-	-	-
Total floor space	**66,692**	**100.0%**	**22,256**	**100.0%**	**5,795**	**100.0%**

3.1.2 B2 Local Centre

3.1.2.1 East Kempsey

There was an estimated 1,075sqm of floor space identified within the B2 local centre zone located along Lord Street and Rudder Street. There was limited activity in this precinct, with major providers being a café and clothing/house decor store. There were five residential dwellings identified along Lord Street in this precinct. At the time of site visits there were no vacancies identified.

Table 16 summarises the floor space provision within the local centre zoning in Kempsey at the time of the inventory being undertaken.

Table 16 - Inventory of Local Centre (B2) Zoning by Floor Space Type, East Kempsey – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council)

	B2 - East Kempsey	
	Total Floor Space (sqm)	% Total Floor Space
Retail		
Groceries and take-home food	250	23.3%
Dining and take-away food	0	0.0%
Clothing, footwear and apparel	100	9.3%
Personal and other goods	110	10.2%
Core bulky goods	0	0.0%
Ancillary bulky goods	90	8.4%
Hardware	305	28.4%
Take away liquor	0	0.0%
Total retail floor space	**855**	**79.5%**
Commercial		
Financial and insurance services	0	0.0%
Rental, hiring and real estate services	0	0.0%
Health care and social assistance	0	0.0%
Professional, scientific and technical services	0	0.0%
Administrative and support services	220	20.5%
Total commercial floor space	**220**	**20.5%**
Vacant	0	0.0%
House	5	-
Total floor space	**1,075**	**100.0%**

3.1.2.2 South West Rocks

There were two local centre zoned (B2) centres in South West Rocks, these centres identified as the precinct located along Paragon Avenue and Memorial Avenue and Rocks Central shopping centre on the corner of Spencers Creek Road and Gregory Street.

The Paragon Avenue and Memorial Avenue precinct had an estimated 7,610sqm of total floorspace with the major tenants being a chemist (430sqm) and friendly grocer (250 sqm). In addition to the above, there were 12 residential dwellings (concentrated on the corner of Gregory and Landsborough Street) and apartments located in this precinct. An estimated 980sqm of vacant tenancies were identified within this centre representing a vacancy rate of 12.9%.

Rocks Central Shopping centre had an estimated 5,820sqm of total floor space, with the major tenant being Coles (3,100sqm). Site inspections undertaken in November 2021 indicate there was an estimated 1,500sqm of vacant tenancies, representing a vacancy rate of 25.8%.

Table 17 summarises the floor space provision within the local centre zoning in South West Rocks at the time of the inventory being undertaken.

Table 17 - Inventory of Local Centre (B2) Zoning by Floor Space Type, South West Rocks – 2021 Source: Bull & Bear Economics (2021) and Kempsey Shire Council

	B2 - South West Rocks		B2 - The Rocks Shopping Centre	
	Total Floor Space (sqm)	% Total Floor Space	Total Floor Space (sqm)	% Total Floor Space
Retail				
Groceries and take-home food	420	5.5%	3,100	53.3%
Dining and take-away food	930	12.2%	0	0.0%
Clothing, footwear and apparel	1,250	16.4%	0	0.0%
Personal and other goods	1,100	14.5%	520	8.9%
Core bulky goods	90	1.2%	300	5.2%
Ancillary bulky goods	0	0.0%	0	0.0%
Hardware	0	0.0%	0	0.0%
Take away liquor	210	2.8%	160	2.7%
Total retail floor space	**4,000**	**52.6%**	**4,080**	**70.1%**
Commercial				
Financial and insurance services	430	5.7%	0	0.0%
Rental, hiring and real estate services	310	4.1%	0	0.0%
Health care and social assistance	1,110	14.6%	240	4.1%
Professional, scientific and technical services	660	8.7%	0	0.0%
Administrative and support services	120	1.6%	0	0.0%
Total commercial floor space	**2,630**	**34.6%**	**240**	**4.1%**
Vacant	980	12.9%	1,500	25.8%
House	12	-	-	-
Vacant Land	-	-	-	-
Other	13	-	-	-
Total floor space	**7,610**	**100.0%**	**5,820**	**100.0%**

3.1.2.3 Crescent Head

There was an estimated 3,787sqm of floor space identified within the Crescent Head local centre precinct along Main Street, with major tenant being Crescent Head Country Club (1,400sqm), FoodWorks (320sqm) and Crescent Head Tavern. There were no vacant tenancies identified within the Crescent Head local centre zone. There was a single vacant lot identified in this precinct.

There was a small local centre identified on the corner of Beranghi and Pacific Street, Crescent Head. This centre was approximately 550sqm in total floor space and contained a service station, auto repairs and clothing store.

Table 18 summarises the floor space provision within the local centre zoning in Crescent Head at the time of the inventory being undertaken.

Table 18 - Inventory of Local Centre (B2) Zoning by Floor Space Type, Crescent Head – 2021 (Source: Source: Bull & Bear Economics (2021) and Kempsey Shire Council)

	B2 - Main Street		B2 - Pacific Street	
	Total Floor Space (sqm)	% Total Floor Space	Total Floor Space (sqm)	% Total Floor Space
Retail				
Groceries and take-home food	680	18.0%	140	25.5%
Dining and take-away food	1,887	49.8%	0	0.0%
Clothing, footwear and apparel	130	3.4%	230	41.8%
Personal and other goods	335	8.8%	0	0.0%
Core bulky goods	0	0.0%	0	0.0%
Ancillary bulky goods	0	0.0%	0	0.0%
Hardware	0	0.0%	60	10.9%
Take away liquor	315	8.3%	120	21.8%
Total retail floor space	**3,347**	**88.4%**	**550**	**100.0%**
Commercial				
Financial and insurance services	120	3.2%	0	0.0%
Rental, hiring and real estate services	200	5.3%	0	0.0%
Health care and social assistance	120	3.2%	0	0.0%
Professional, scientific and technical services	0	0.0%	0	0.0%
Administrative and support services	0	0.0%	0	0.0%
Total commercial floor space	**440**	**11.6%**	**0**	**0.0%**
Vacant	0	0.0%	0	0.0%
Vacant Land	1	-	-	-
Total floor space	**3,787**	**100.0%**	**550**	**100.0%**

3.1.3 B1 Neighbourhood Centre

3.1.3.1 West Kempsey

There were two Neighbourhood Centre zoned centres identified in West Kempsey. The centre located on Tozer Street, had an estimated of 760sqm of total floor space and café (90sqm) and music shop (90sqm) as a major tenant. The neighbourhood centre on Becke Street had an estimated 180sqm of retail floor space. There was an estimated 200sqm in vacant tenancies identified across the two West Kempsey neighbourhood centre, representing a vacancy rate of 21.3%. Site inspections also identified three remnant housing within the Tozer Street neighbourhood centre.

Table 19 summarises the floor space provision within the neighbourhood centre zoning in West Kempsey at the time of the inventory being undertaken.

Table 19 - Inventory of Neighbourhood Centre (B1) Zoning by Floor Space Type, West Kempsey – 2021 (Source: Source: Bull & Bear Economics (2021) and Kempsey Shire Council)

	B1 - Tozer Street		B1 – Becke Street	
	Total Floor Space (sqm)	% Total Floor Space	Total Floor Space (sqm)	% Total Floor Space
Retail				
Groceries and take-home food	0	0.0%	0	0.0%
Dining and take-away food	0	0.0%	0	0.0%
Clothing, footwear and apparel	0	0.0%	0	0.0%
Personal and other goods	180	100.0%	370	48.7%

	B1 - Tozer Street		B1 – Becke Street	
	Total Floor Space (sqm)	% Total Floor Space	Total Floor Space (sqm)	% Total Floor Space
Core bulky goods	0	0.0%	0	0.0%
Ancillary bulky goods	0	0.0%	0	0.0%
Hardware	0	0.0%	190	25.0%
Take away liquor	0	0.0%	0	0.0%
Total retail floor space	**180**	**100.0%**	**560**	**73.7%**
Commercial				
Financial and insurance services	0	0.0%	0	0.0%
Rental, hiring and real estate services	0	0.0%	0	0.0%
Health care and social assistance	0	0.0%	0	0.0%
Professional, scientific and technical services	0	0.0%	0	0.0%
Administrative and support services	0	0.0%	0	0.0%
Total commercial floor space	**0**	**0.0%**	**0**	**0.0%**
Vacant	0	0.0%	200	26.3%
House	3	-	-	-
Vacant Land	-	-	-	-
Other	-	-	-	-
Total floor space	**180**	**100.0%**	**760**	**100.0%**

3.1.3.2 South Kempsey

The South Kempsey Neighbourhood Centre zone on Middleton Street, had an estimated 200sqm of floor space in the form of a general store. This centre had ample carparking space on the premise.

Table 20 summarises the floor space provision within the neighbourhood centre zoning in South at the time of the inventory being undertaken.

Table 20 - Inventory of Neighbourhood Centre (B1) Zoning by Floor Space Type, South Kempsey – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council)

	South Kempsey	
	Total Floor Space (sqm)	% Total Floor Space
Retail		
Groceries and take-home food	200	100.0%
Dining and take-away food	0	0.0%
Clothing, footwear and apparel	0	0.0%
Personal and other goods	0	0.0%
Core bulky goods	0	0.0%
Ancillary bulky goods	0	0.0%
Hardware	0	0.0%
Take away liquor	0	0.0%
Total retail floor space	**200**	**100.0%**
Commercial		
Financial and insurance services	0	0.0%

	South Kempsey	
	Total Floor Space (sqm)	% Total Floor Space
Rental, hiring and real estate services	0	0.0%
Health care and social assistance	0	0.0%
Professional, scientific and technical services	0	0.0%
Administrative and support services	0	0.0%
Total commercial floor space	0	0.0%
Vacant	0	0.0%
Total floor space	**200**	**100.0%**

3.1.3.3 South West Rocks

The South West Rocks Neighbourhood Centre zone along Gregory Street, had an estimated of 2,695sqm in floor space and IGA express (1,455sqm) as a major tenant. This precinct also contained a United service station. Site inspections undertaken in November 2021 indicate there was an estimated 120sqm of vacant tenancies, representing a vacancy rate of 4.5%.

Table 21 summarises the floor space provision within the neighbourhood centre zoning in South West Rocks at the time of the inventory being undertaken.

Table 21 - Inventory of Neighbourhood Centre (B1) Zoning by Floor Space Type, West Kempsey – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council)

	B1 – South West Rocks	
	Total Floor Space (sqm)	% Total Floor Space
Retail		
Groceries and take-home food	1,575	58.4%
Dining and take-away food	90	3.3%
Clothing, footwear and apparel	0	0.0%
Personal and other goods	820	30.4%
Core bulky goods	0	0.0%
Ancillary bulky goods	0	0.0%
Hardware	0	0.0%
Take away liquor	0	0.0%
Total retail floor space	**2,485**	**92.2%**
Commercial		
Financial and insurance services	0	0.0%
Rental, hiring and real estate services	90	3.3%
Health care and social assistance	0	0.0%
Professional, scientific and technical services	0	0.0%
Administrative and support services	0	0.0%
Total commercial floor space	**90**	**3.3%**
Vacant	120	4.5%
Total floor space	**2,695**	**100.0%**

3.1.4 B4 Mixed Use

3.1.4.1 South Kempsey

The South Kempsey Mixed Use zone (B4) located along Lachlan Street is comprised of a mix of retail and remnant residential dwellings. There was an estimated of 3,810sqm in floor space with Red Point Batteries Oil Filters (800sqm) being the major tenant. There were an estimated 20 remnant residential dwellings within this precinct and three vacant lots.

Table 22 summarises the floor space provision within the mixed-use zoning in South Kempsey at the time of the inventory being undertaken.

Table 22 - Inventory of Mixed Use (B4) Zoning by Floor Space Type, South Kempsey – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council)

	South Kempsey	
	Total Floor Space (sqm)	% Total Floor Space
Retail		
Groceries and take-home food	540	14.2%
Dining and take-away food	0	0.0%
Clothing, footwear and apparel	0	0.0%
Personal and other goods	1,980	52.0%
Core bulky goods	280	7.3%
Ancillary bulky goods	0	0.0%
Hardware	0	0.0%
Take away liquor	250	6.6%
Total retail floor space	**3,050**	**80.1%**
Commercial		
Financial and insurance services	0	0.0%
Rental, hiring and real estate services	0	0.0%
Health care and social assistance	230	6.0%
Professional, scientific and technical services	0	0.0%
Administrative and support services	200	5.2%
Total commercial floor space	**430**	**11.3%**
Vacant	330	8.7%
Vacant Land	3	-
House	20	-
Total floor space	**3,810**	**100.0%**

3.2 Industrial Activity

In September and November 2021, an inventory of General Industrial (IN1) and Light Industrial (IN2) and Enterprise Corridor (B6) zoned land within Kempsey Shire was undertaken. The inventory provided on-the-ground information about the tenant composition of each industrial or enterprise corridor zone and identified and quantified vacant tenancies within each zoning type.

Industrial activity identified during the inventory undertaken has been classified utilising ABS two-digit ANZSIC industry sector categories. In accordance with the ABS Census Dictionary, two-digit ANZSIC industry sector is defined as subdivisions providing detailed dissection of the broader single-digit ANZSIC industry sector. The assessment has utilised two-digit ANZSIC industry sectors as this provides the appropriate level of detail for the nature of activity on site (e.g. allows for the identification of the nature of manufacturing activity within the industrial area).

3.2.1 IN1 General Industry

3.2.1.1 West Kempsey

The industrial zoned area along Gladstone Street, Belgrave Street, and Dangar Street within the IN1 zone comprised ten industrial businesses, ten remnant houses, and a vacant lot. Warehousing and storage services were the dominant industry type, accounting for 7.7% of all activity.

Table 23 provides a summary of the business activity within the IN1 General Industry and IN2 Light Industrial zoning in West Kempsey by two-digit ANZSIC category.

Table 23 - Inventory of IN1 Zoning by Type, West Kempsey – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council Inventory)

Industry Sector (2-digit ANZSIC)	IN1 – West Kempsey	
	No.	%
House	16	61.5%
Warehousing and Storage Services	2	7.7%
Sports and Recreation Activities	1	3.8%
Waste Collection, Treatment and Disposal Services	1	3.8%
Rental and Hiring Services (except Real Estate)	1	3.8%
Gas Supply	1	3.8%
Furniture and Other Manufacturing	1	3.8%
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	1	3.8%
Road Transport	1	3.8%
Printing (including the Reproduction of Recorded Media)	1	3.8%
Vacant Land	1	3.8%
Total	26	100.0%

3.2.1.2 Frederickton

There were two industrial zoned businesses operating in the IN1 zone along Great North Road, Frederickton. The two businesses consisted of a panel beating shop and auto spares yard. There was also a single vacant lot identified in this precinct.

Table 24 provides a summary of the business activity within the IN1 General Industry Industrial zoning in Frederickton by two-digit ANZSIC category.

Table 24 - Inventory of IN1 Zoning by Type, Frederickton – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council Inventory)

Industry Sector (2-digit ANZSIC)	IN1 – Frederickton	
	No.	%
Repair and Maintenance	2	66.7%
Vacant Land	1	33.3%
Total	**3**	**100.0%**

3.2.1.3 South Kempsey

The light industrial zone west of the railway line in South Kempsey comprises 90 businesses, four vacant tenancies (representing a vacancy rate of 3.8%) and 11 vacant land lots. Repair and maintenance, warehousing and storage services and road transport were the dominant industry types, accounting for just over 40.0% of all activity. This industrial precinct also contained Macleay Vocational College.

Table 25 provides a summary of the business activity within the light industry zoning west of the railway line in South Kempsey by two-digit ANZSIC category.

Table 25 - Inventory of IN1 Zoning by Type, West of Railway Line (South Kempsey) – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council Inventory)

Industry Sector (2-digit ANZSIC)	IN1 - West of Railway Line	
	No.	%
Repair and Maintenance	13	12.4%
Vacant Land	11	10.5%
Warehousing and Storage Services	10	9.5%
Road Transport	8	7.6%
Construction Services	7	6.7%
Adult, Community and Other Education	5	4.8%
Vacant Tenancy	4	3.8%
Rental and Hiring Services (except Real Estate)	4	3.8%
Fabricated Metal Product Manufacturing	4	3.8%
Furniture and Other Manufacturing	4	3.8%
Waste Collection, Treatment and Disposal Services	4	3.8%
Motor Vehicle and Motor Vehicle Parts Retailing	4	3.8%
Other Goods Wholesaling	3	2.9%
Polymer Product and Rubber Product Manufacturing	2	1.9%
Wood Product Manufacturing	2	1.9%
Other Store-Based Retailing	2	1.9%
Machinery and Equipment Wholesaling	2	1.9%
Primary Metal and Metal Product Manufacturing	2	1.9%
Building Construction	2	1.9%
Sports and Recreation Activities	2	1.9%
Textile, Leather, Clothing and Footwear Manufacturing	2	1.9%
Wood product manufacturing	1	1.0%
Basic Material Wholesaling	1	1.0%

Industry Sector (2-digit ANZSIC)	IN1 - West of Railway Line	
	No.	%
Grocery, Liquor and Tobacco Product Wholesaling	1	1.0%
Postal and Courier Pick-up and Delivery Services	1	1.0%
Administrative Services	1	1.0%
Road Transport	1	1.0%
Food and Beverage Services	1	1.0%
Heavy and Civil Engineering Construction	1	1.0%
Total	**105**	**100.0%**

Similarly, the light industrial zone east of the railway line in South Kempsey, largely concentrated along Angus McNeil Crescent, comprises 22 businesses and two vacant land lots. Repair and maintenance and warehousing and storage services were the dominant industry types, accounting for just over half of all activity.

Table 26 provides a summary of the business activity within the light industry zoning east of the railway line in South Kempsey by two-digit ANZSIC category.

Table 26 - Inventory of IN1 Zoning by Type, East of Railway Line (South Kempsey) – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council Inventory)

Industry Sector (2-digit ANZSIC)	IN1 - East of Railway Line	
	No.	%
Warehousing and Storage Services	7	29.2%
Repair and Maintenance	6	25.0%
Other Store-Based Retailing	3	12.5%
Machinery and Equipment Wholesaling	2	8.3%
Vacant Land	2	8.3%
Fuel Retailing	1	4.2%
House	1	4.2%
Basic Material Wholesaling	1	4.2%
Wood Product Manufacturing	1	4.2%
Total	**24**	**100.0%**

The light industrial zone located in Industrial Drive, South Kempsey comprises eight businesses and seven vacant land lots. Food and beverage services and fuel retailing were the dominant industry types, accounting for just under 40.0% of all activity. This industrial precinct appears to have experienced considerable take up in the past five year with the introduction of the Kempsey South Services Centre.

Table 27 provides a summary of the business activity within the light industry zoning along Industrial Drive, South Kempsey by two-digit ANZSIC category.

Table 27 - Inventory of IN1 Zoning by Type, Industrial Drive (South Kempsey) – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council Inventory)

Industry Sector (2-digit ANZSIC)	IN1 - Industrial Drive	
	No.	%
Repair and Maintenance	1	6.7%
Other Store-Based Retailing	1	6.7%
Fuel Retailing	2	13.3%
Food and Beverage Services	4	26.7%
Vacant Land	7	46.7%
Total	**15**	**100.0%**

Similarly, the light industrial zone located along Macleay Valley Way, South Kempsey comprises four businesses. The businesses in this industrial precinct were largely in the wholesaling and construction services.

Table 28 provides a summary of the business activity within the light industry zoning along Macleay Valley Way, South Kempsey by two-digit ANZSIC category.

Table 28 - Inventory of IN1 Zoning by Type, Macleay Valley Way (South Kempsey) – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council Inventory)

Industry Sector (2-digit ANZSIC)	IN1 - Macleay Valley Way	
	No.	%
Machinery and Equipment Wholesaling	1	25.0%
Basic Material Wholesaling	1	25.0%
Warehousing and Storage Services	1	25.0%
Construction Services	1	25.0%
Total	**4**	**100.0%**

3.2.2 IN2 Light industry

3.2.2.1 South West Rocks

The industrial zoned area identified along Lindsay Noonan Drive and Frederick Kelly Street, South West Rocks comprised of 38 industrial businesses , single vacant lot and a single vacant tenancies (representing a vacancy rate of just under 2.5%). Building construction, repair and maintenance and warehousing and storage services were the dominant industry type, accounting for half of all activity.

Table 29 provides a summary of the business activity within the light industry zoning in South West Rocks by two-digit ANZSIC category.

Table 29 - Inventory of IN2 Zoning by Type, South West Rocks – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council Inventory)

Industry Sector (2-digit ANZSIC)	IN2 - South West Rocks	
	No.	%
Warehousing and Storage Services	10	25.0%
Repair and Maintenance	6	15.0%
Building Construction	4	10.0%
Other Goods Wholesaling	3	7.5%
Road Transport	3	7.5%

Industry Sector (2-digit ANZSIC)	IN2 - South West Rocks	
	No.	%
Public Order, Safety and Regulatory Services	3	7.5%
Construction Services	2	5.0%
Sports and Recreation Activities	2	5.0%
Furniture and Other Manufacturing	1	2.5%
Personal and Other Services	1	2.5%
Motor Vehicle and Motor Vehicle Parts Wholesaling	1	2.5%
Basic Material Wholesaling	1	2.5%
Vacant Tenancy	1	2.5%
Vacant Land	1	2.5%
Rental and Hiring Services (except Real Estate)	1	2.5%
Total	**40**	**100.0%**

3.2.3 B6 Enterprise Corridor

The enterprise corridor zoned area identified along Macleay Valley Way, South Kempsey comprised of 13 industrial businesses, single vacant lot and nine vacant tenancies. Accommodation and personal and other services were the dominant industry type, accounting for just over 40.0% of all activity.

Table 30 provides a summary of the business activity within the light industry zoning in South West Rocks by two-digit ANZSIC category.

Table 30 - Inventory of B6 Zoning by Type, South Kempsey – 2021 (Source: Bull & Bear Economics (2021) and Kempsey Shire Council Inventory)

Industry Sector (2-digit ANZSIC)	B6 - South Kempsey	
	No.	%
Vacant Land	1	4.5%
Warehousing and Storage Services	1	4.5%
Machinery and Equipment Wholesaling	1	4.5%
Sports and Recreation Activities	1	4.5%
Personal and Other Services	2	9.1%
Accommodation	7	31.8%
House	9	40.9%
Total	**22**	**100.0%**

3.3 Education and Health

The major health and education facilities in Kempsey Shire are:

- Kempsey Hospital, located at 119 River Street, West Kempsey; and
- Mid North Coast Institute of TAFE, located at 58 Sea Street, West Kempsey.

The inventory identified that both uses are currently located on R1 zoned land.

3.3.1 Kempsey Hospital

The Kempsey District Hospital is located off River Street, Kempsey within the North Coast Health Service Area of NSW. The hospital includes a 24-hour emergency department and a range of specialist services including high dependency, general medicine, surgical day procedures, obstetrics, drug and alcohol, mental health, renal dialysis and rehabilitation. This hospital is a three level facility totalling 81 beds which service both inpatient, outpatient and community-based services. There are four significant wards in the hospital, namely; rehabilitation, intensive care, mental health and maternity.

In 2016, Kempsey hospital underwent a $81.9 million major redevelopment which included the construction of a new clinical services building. The redevelopment also included new and reconfigured car parking for patients, visitors and staff and a new main entrance off Polwood Street. Kempsey Hospital's redevelopment was jointly-funded by the NSW Government's $41.9 million and the Commonwealth's $40 million under the Health and Hospitals Fund. Focus areas for the redevelopment project included the following:

- Aboriginal health;
- Health promotion;
- Chronic and complex care management;
- Family and children's services;
- Drug and alcohol services;
- Enhanced discharge planning
- Care coordination; and
- Hospital avoidance programs.

3.3.2 Mid North Coast Institute of TAFE

The Mid North Coast TAFE is located on Sea Street, Kempsey, proximate to the Kempsey District Hospital. This TAFE campus offers 44 courses across multiple study areas including health services, business services, design technology, early childhood education and automotive services. A total of 13 courses are delivered on campus, with all other courses on offer either delivered through multiple channels (i.e. on campus, online and in the workplace) or entirely online.

As of the 2020-21 NSW TAFE annual report there were no identified major works planned for the Kempsey Campus.

3.4 Summary and Implications for LGMS

The inventory undertaken assists in understanding the details around the current employment activities occurring within Kempsey Shire's centres, as well as industrial, education and health activities across Kempsey Shire. It also provides an insight into the total vacancies and vacant land that each employment area is currently experiencing, which can be an indicator as to whether there is a need for policy intervention to address this, particularly if there is an oversupply of employment lands within certain areas.

The centres inventory identifies significant levels of vacancy in parts of Kempsey Shire, including:

- B2 – South West Rocks (predominantly along Paragon Avenue and Memorial Avenue);
- B2 – Rocks Central (South West Rocks);
- B1 – Becke Street (West Kempsey); and
- B4 – South Kempsey.

The majority of the centres identified with high vacancy rates also contain significant numbers of remnant residential dwellings (i.e. houses and apartments) or vacant land.

The inventory can also be an indicator of whether additional employment lands may be warranted for certain locations within Kempsey Shire, or whether the existing zoned areas are sufficient to cater for employment demand. The LGMS will seek to address this through the development of future policy around employment lands, which is also influenced by consideration being given to other employment trends and themes and employment scenario modelling, as addressed in the following sections of this report.

4 EMPLOYMENT TRENDS AND THEMES

Trends are gradual and deep-set trajectories of change which will, at some point, reshape business and alter policy environments. This section identifies key employment trends at the State and National level which may have implications for employment within Kempsey Shire in the future. These trends change the way in which employment is anticipated to evolve over time and the land use implications and considerations necessary to cater for these changes, such as changes to retail centres and commercial office land demand, among other land uses.

This section has considered the following employment trends and the implications for Kempsey Shire:

- The Second Half of the Chessboard;
- Porous boundaries;
- The era of the entrepreneur;
- Divergent demographics;
- The rising bar;
- Tangible intangibles;
- Online retail; and
- Robotics, automation and artificial intelligence.

These trends have been identified by the CSIRO in their report 'Tomorrow's Digitally Enabled Workforce' (January 2016) and through industry research.

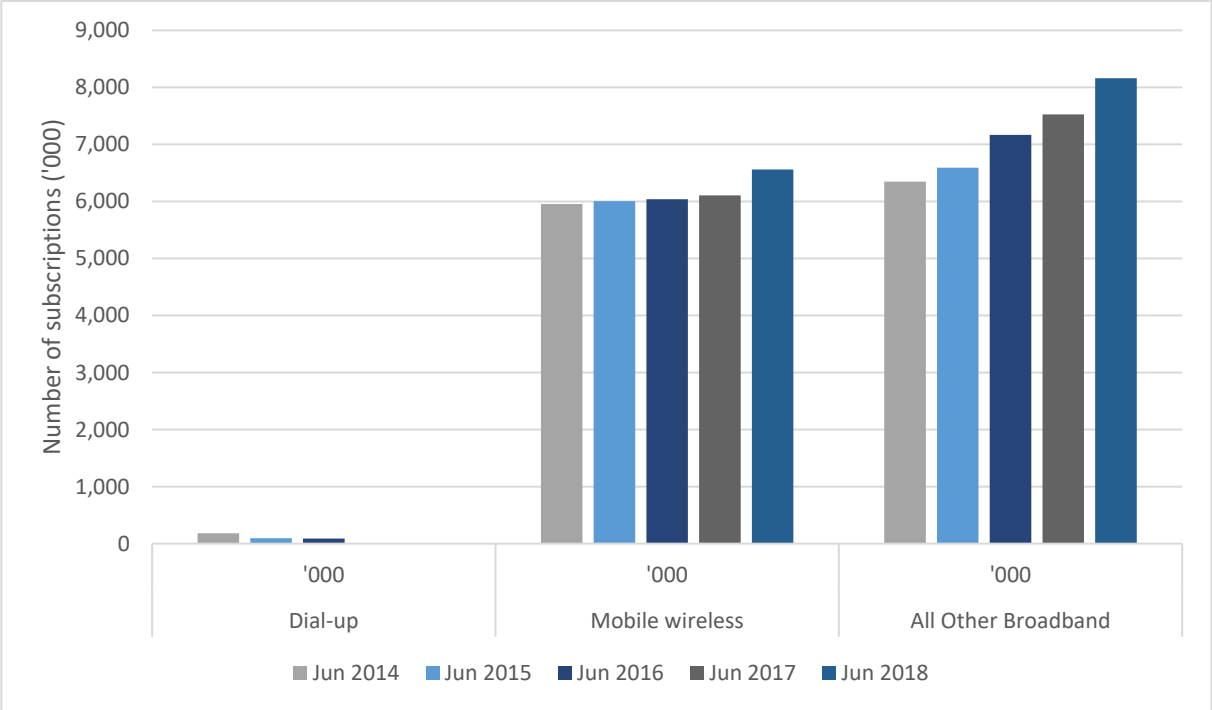
4.1 The Second Half of the Chessboard

This trend is centred around the exponential growth in device connectivity, data availability, volumes and computing speed, combined with the rapid advancements in automated systems and artificial intelligence. These advancements enable systems and software's to perform many tasks quicker, more efficiently and safely than humans. The growth in technological capabilities is transforming supply chains, reshaping the workforce and redefining jobs. The challenging prospect is that the growth is not linear (constant) but rather exponential.

A major contributing factor to this trend is affordability of high computing power. This declining cost is of great relevance to the economy, as it contributes to the global accessibility and availability of technology, which is likely to complement workers in the future. In Australia, there are high rates of internet access and mobile connectedness, with the country ranking eight in the world for active mobile broadband subscriptions per 100 inhabitants (OECD, 2019). As handheld connected devices become increasingly affordable, both Australia and the world will continue the move towards mobile data for leisure and work.

Figure 1 illustrates the growth in internet connectivity in Australia between June 2014 and June 2018.

Figure 1 - Australian Internet Subscriptions, June 2014 to June 2018 (Source: Australian Bureau of Statistics, Australian Internet Subscriptions (2018))



From this connectivity, the Internet of Things (IoT) industry has been established as an integral part of economic activity around the world. The IoT is a system of interrelated computing devices, mechanical and digital machines which can transfer data over a network without requiring human intervention. For all industries, the benefits can include improved supply chain transparency/provenance, safety, efficiency and environmental sustainability due to efficient resource planning.

The advanced integration with the IoT propels the development of robotics and artificial intelligence for commercial use, therefore eliminating human interaction in the supply chain wherever possible. An international example of limited human participation in a supply chain is the Bowery Farm in New Jersey, New York USA (Bowery Farming, 2021). This is a vertical farm which is controlled through an automated system which anticipated the needs of each crop (within each row of vertical planters), and automatically harvests and packages crops as necessary. Every part of the machinery required in this process is a part of the IoT and uses robotics and artificial intelligence to eliminate manual labour through the farming process.

This technology is also being used within NSW. A promising development looking to incorporate this kind of technology is the Moorebank Logistics Park in Sydney. The park has committed to developing a fully automated intermodal terminal solution by 2022 (Port Technology International Team, 2018). The key points of automation will include automated yard crane, Rail-Mounting Gantry cranes, horizontal transportation equipment and hybrids auto shuttles and their charging stations, therefore minimising human interaction throughout the supply chain at each of these stages.

The implementation of this technology will however lead to the computerisation of some jobs. It is anticipated that computerisation will affect many low-skill jobs similarly, with computer-guided automation becoming increasingly prevalent across numerous industries and environments including manufacturing, planning and decision-making. An analysis by Frey and Osbourne (CSIRO, 2016) found that on average lower paying jobs with lower formal education requirements are most susceptible to computerisation. However, technological advancements also create new jobs as productivity increases in existing industries, and as new industries are created.

The socio-economic profile details that Kempsey Shire had a relative significance in lower-blue and white collar workers as of the last Census (almost 60.0% of the workforce) compared to NSW. This could provide the Shire with an opportunity to capitalise on upskilling these workers to utilise advanced manufacturing processes which are being used across the world. By upskilling the existing workforce in retail trade, manufacturing, transport and warehousing and information and technology industries the Kempsey Shire will diversify the commercial and industrial profile of the area and avoid high proportion of the workforce having redundant skills as technology integration becomes increasingly prevalent.

The continued growth in the IoT will also increase the demand for electronics and telecommunications products, often requiring a bespoke design response. To deliver this response, manufacturers will need increased collaboration with research institutions as well as the establishment of industry (or enterprise) funded research bodies. Similarly, major research institutions are developing commercialisation capability. Co-location of industry and research institutions creates knowledge and technology precincts (KTPs).

These hubs can take the form of new clusters or adjunct activities to core research or industry operations. Physical proximity might not always be necessary, but high levels of connectivity (both physical and virtual) between commercialisation centres and research hubs has the potential to drive innovative industrial outcomes. Potential planning implications and consideration arising from this trend include:

- Increase in professional and programming-based occupations which tend to seek higher amenity and additional services in work locations. It would be imperative to ensure that amenity is maximised within office precincts within Kempsey to attract and retain highly skilled workers to the region; and
- Mixed use industry and research hubs either in the form of new agglomerations or adjuncts to existing major research institutions or industrial areas in the form of knowledge and technology precincts.

There are potential implications and opportunities arising from these trends for employment within Kempsey Shire. This includes capitalising on advanced manufacturing processes; diversifying the industrial profile; increasing opportunities for professional and programme-based occupations and providing for a greater proportion of mixed use and research hubs.

4.2 Porous Boundaries

Porous boundaries, as it relates to business and technology, refers to the growth in the peer-to-peer or freelancing economy. Although this business model has not completely taken off in Australia, it is a significant part of the workforce in other countries, such as the United States. Globally, companies are opting for staffing models which are based around a small number of core staff, with other roles filled by freelance or contract workers. The CSIRO's Tomorrow's Digitally Enabled Workforce (2016) publication identifies that jobs of the future are likely to more flexible, agile, networked and connected.

Improvements in technologies, such as the internet, over the past decade have meant that global communication is increasingly simple in a business setting. This is both a product and a catalyst of globalisation which has influenced increases to the interdependence of companies and countries around the world. The interdependence of companies and countries is aided by the advancements in cloud computing which provides a low cost, secure solution to information sharing instantly. The combined benefit of these trends means that geographically diverse groups can easily and instantly collaborate, meaning that businesses can capitalise on fluid workspaces, flexible working arrangements, and co-working environments (CSIRO, 2016).

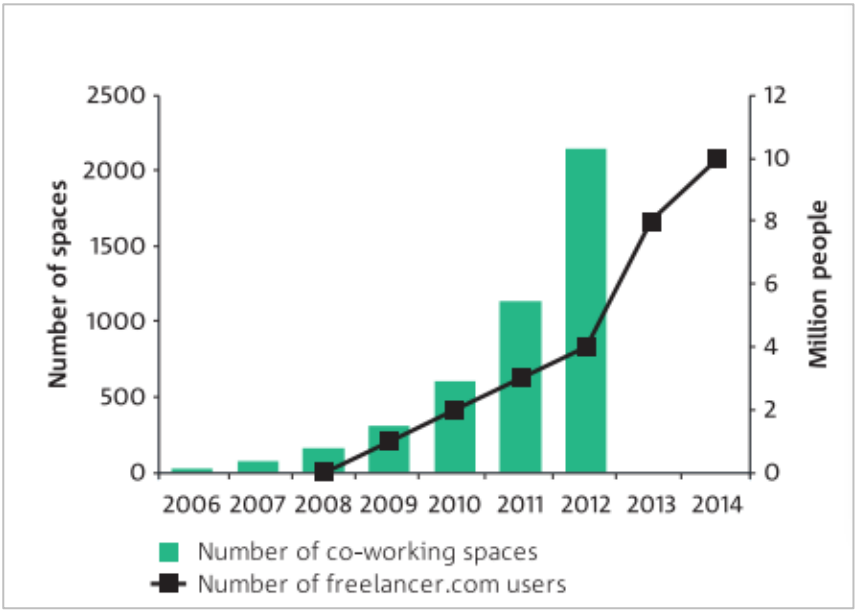
These kinds of flexible working arrangements facilitate flat organisational structures, which in turn encourage greater collaboration, and shorter lines of communication which enable the organisation to make faster decisions. Within these organisations, particularly smaller operations, there is increased outsourcing and offshoring of work in order to have varying specialists participating in the organisation, whilst reducing the overhead expenditure resulting from direct staff (Forbes, 2018).

To house the new order of businesses, co-working spaces were expected to continue to grow. The flexibility of co-working spaces has historically been appealing to small business, and freelance workers as it avoids the high overheads which can compromise business profitability and agility. Globally the co-working space industry was significantly restricted by COVID-19 containment measures with operators observing close to a 50.0% decline in occupancies in March of 2020 (Business Wire, 2021). The industry is anticipated to recover throughout 2021 and 2022 as business environments return to normal, however, increased working arrangement flexibility from employees and freelancers alike is anticipated to remain post-COVID-19.

Flexibility of working arrangements is therefore likely to become a sought-after attribute for potential job seekers (CSIRO, 2016). An increasingly mobile and geographically distributed staff might require new approaches to the human resource management of organisations in the future. This demand for flexible workspaces is likely to disrupt traditional office leasing in the near future.

Figure 2 details the increased demand for coworking space alongside the rising trend in freelance or short-term contract workers.

Figure 2 - Demand for Coworking Space and Increasing Demand for Freeland or Contract Workers, 2006 to 2014 (Source: Source: CSIRO Tomorrow's Digitally Enabled Workforce (2016))



Market research of Kempsey Shire found that there are no co-working or hot desking facilities within the community, with the closest options located at Port Macquarie (approximately 50 kilometres south of Kempsey). Working population data detailed that Port Macquarie (5.1%) was the most common place of employment for residents of Kempsey Shire who travelled outside of the LGA for employment.

Table 31 identifies the co-working facilities available in Port Macquarie, NSW (as of August 2021).

Table 31 - Co-working Facilities in Port Macquarie, NSW (Source: Bull & Bear Assessment (2021))

Facility	Address	Distance from Kempsey Shire (km)	Prices/week (starting price)
CoLab PMQ	Shop 3/15 Chancellors Dr, Thrumster NSW 2444	48.2	$79.00
Alpha Workspace	19 Short St, Port Macquarie NSW 2444	50.8	$159.00

Between 2006 and 2016, Kempsey Shire experienced an increasing incidence of professionals in the region. Additionally, the proportion of workers in the Kempsey Shire holding a bachelor's degree or higher and advanced diploma or diploma increased significantly between the 2006 and 2016 Censuses. Typically, freelance workers will be professionals with some

level of higher educational attainment. As freelance work and remote working becomes more popular in Australia, LGA's like Kempsey, will become progressively popular among young professionals, primarily due to the lower cost of living (compared to capital cities) and the lifestyle afforded by seaside cities.

Providing space (such as co-working or hotdesking space) to attract and retain Kempsey Shire's residents is integral. Having these types of facilities available in Kempsey Shire could also work to decrease employment leakage to Port Macquarie. Council should be particularly supportive of adaptive reuse proposals to accommodate workplace hubs/co-working space, particularly within the B3-Commercial Core zone. These facilities should be encouraged to develop in centralised areas, where possible.

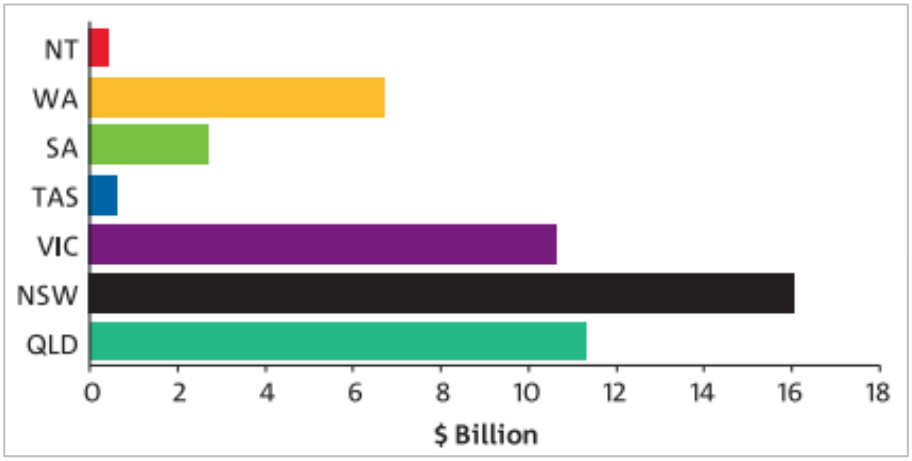
4.3 The Era of the Entrepreneur

Small businesses demonstrated rapid growth before the global financial crisis, however this growth has flattened in the wake of the crisis. Though, analyses reported in the CSIRO report detail that business can unlock an additional $49.2 billion in the private sector between 2016 and 2026 if technologies are used to their full potential.

An increasingly global economy means that small businesses have access, with limited barriers to entry, to large scale markets with more niches to exploit. Online platforms which allow business to market themselves, with little to no outlay, such as eBay and LinkedIn facilitate a far-reaching impact of innovation. Within Australia, it is estimated that NSW has the greatest potential for capturing additional income in small businesses in between 2016 and 2026, totalling approximately $16 billion in additional revenue (CSIRO, 2016).

Figure 3 details the estimated distribution of the potential additional income for small business between 2016 and 2026.

Figure 3 - Potential Additional Income for Small Businesses, 2016 to 2026 (Source: CSIRO Tomorrow's Digitally Enabled Workforce (2016))



In 2013, Ernst and Young named Australia as having one of the world's top five entrepreneurial ecosystems, as determined by measurements of five key elements: access to funding, entrepreneurship culture, tax and regulation, education and training, and coordinated support between the public, private and voluntary sectors. They attributed it in part to the adoption and success of new work practices and environments – including the growth of co-working spaces, flexible work contracts and support for small business and start-ups.

The Global Entrepreneurship Index (GEI) 2020 report indicates that Australia excels in terms of opportunities for start-ups, with a score of 73.1 (sixth in the world) as of 2019 (Knoema, 2019). Indicators such as the GEI identify that the business landscape of Australia is likely to continue to grow in the entrepreneurial space over the next decade.

A significant trend among entrepreneurs around the world is the lean start-up principle which embraces low cost entrepreneurialism using digital platforms. These platforms establish low-cost routes to markets and allow the start up to experiment with different business models. Lean start-up assists businesses in accessing previously inaccessible markets,

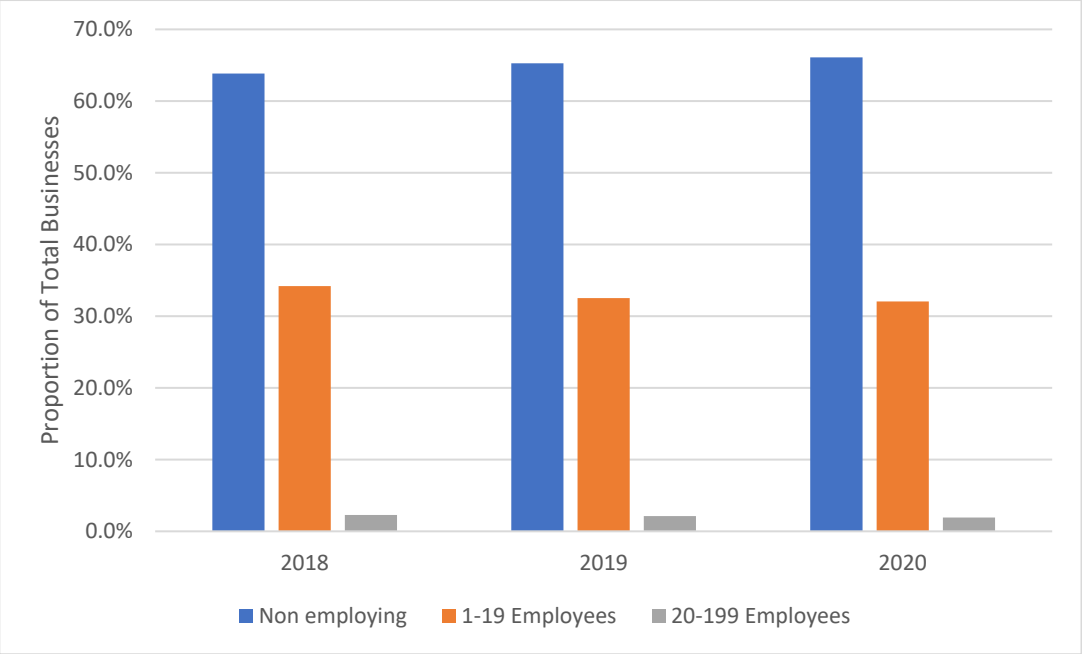
environments and opportunities without the often-associated high risks. However, some funding is still required for lean start-ups. Australian venture capital funding is declining and funding new, innovative start-ups and rapidly growing companies is necessary in order to grow and diversify Australia's economy, particularly as the mining boom matures and traditional manufacturing diminishes (CSIRO, 2016).

With the decline in Australian funding becoming increasingly prominent, United States of America (USA) show significantly increased investments to early stage start-ups since the Global Financial Crisis. The growth in venture capital funding has led to advancements in technology innovations and a significant increase in private sector employment in the country. Some examples of US venture capital backed companies include Apple, Amazon, Starbucks and Google which evidently are some of the most important companies to the economy of the USA.

Within Kempsey Shire, non-employing businesses (i.e. sole traders) have been the most significant proportion of employment between 2018 and 2020 and represented over two thirds of all businesses in 2020. This was followed by businesses which employ less than 20 persons, however, the incidence of these businesses decreased between 2018 and 2020. These figures could indicate a move toward lean start-ups in Kempsey Shire where business owners are keeping costs low by limiting the number of direct staff in the business.

Figure 4 illustrates the incidence of businesses in Kempsey Shire based on the number of employees between 2018 and 2020.

Figure 4 - Incidence of Businesses by Number of Employees – Kempsey Shire, 2018 to 2020 (FY) (Source: ABS Counts of Australian Businesses (8165.0) (June 2019))



From the previous section it is clear there is likely to be increased activity in freelance, short term contracts and remote working across Australia. However, these kinds of employment in conjunction with flat organisational structures and the access to new technologies in Australia position NSW as a prime location for entrepreneurial activities in the future.

For Kempsey Shire to attract entrepreneurs to the area, the local business environment must be structured in a way which allows for flexible and low risk options for spaces as many Australian start-ups will not be receiving venture capital funding. As previously discussed, demand for co-working facilities in Kempsey Shire is only likely to increase.

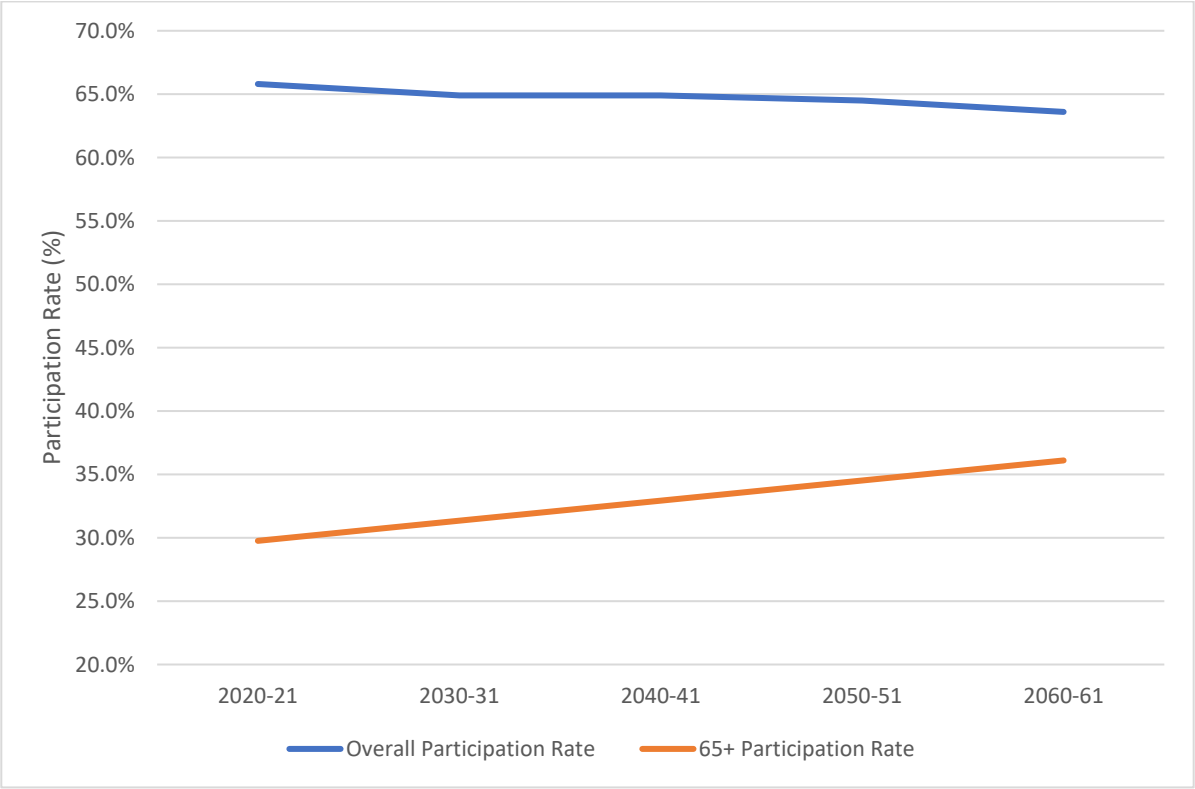
4.4 Divergent Demographics

As with many other developed countries, Australia's population is ageing with growing life expectancies. As per 2016 ABS Census Data the Australian population aged over 65 was projected to nearly double by 2035 to reach 19.4% of the total population and the average life expectancy for men and women is projected to reach 84.9 years, and 87.9 years (CSIRO, 2016). An increasing proportion of elderly persons implies an increasing dependency on the workforce of Australia. The numbers of aged care services and staff will also need to expand considerably to meet the growing demand from an ageing population, therefore the aged care system is likely to need new models of care and adopt new technological solutions in order to meet the expected quantity.

Despite Australian's working for longer before retiring (it is estimated the retirement age will increase to 70 years by 2035), it is expected that there will be a significant overall decrease in the participation rate. The reasons behind it might include jobseekers becoming discouraged, casualisation of work, and the increasing potential for technological unemployment. However, estimates from the treasury Intergenerational Report, 2021, outline that among older Australians the participation rate will continue to rise.

Figure 5 outlines the projected workforce participation rate by age group, as of 2021.

Figure 5 - Projected Workforce Participation Rate, Australia, 2020-21 to 2060-61 (Source: The Treasury Intergenerational Report (2021))



Working into older age is widely accepted as being more feasible for knowledge workers compared to manual workers who are likely to require complementary technology. Employers in Australia will need to manage a diverse labour force of different age groups, health and social statuses and genders.

Female participation in the workforce is continuing to grow, while male participation is on the decline, primarily due to a significant proportion of the male labour force occupying previously low skilled jobs (CSIRO, 2016). As women continue to account for an increasing proportion of the labour market, there will be greater pressure on employers to offer flexible working arrangements to employees as more participants will need to balance family and responsibilities and work.

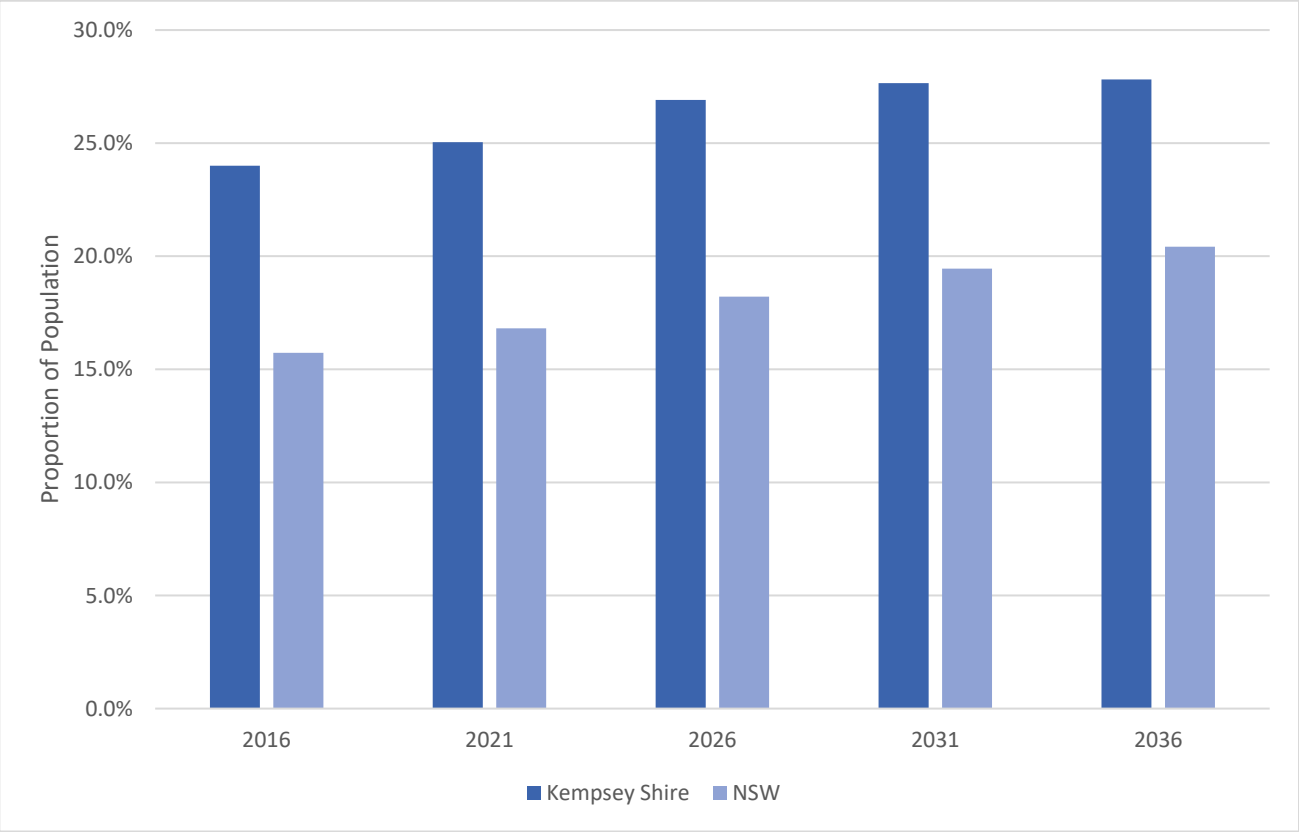
In recent years Australia has had a significant increase in the number of skilled migrant workers. In 2013, migration accounted for 60.0% of total population growth in the country, and over the last decade 83.0% of all migrants were of working age (aged between 15 and 64 years). Migration is estimated to continue to be a significant contributing factor to the Australian population, however the country of origin is expected to continue to shift from being predominantly European migrants, to migrants from Asia (CSIRO, 2016). This shift in migratory origins implies that the offering of aged care facilities in the future will need to provide culturally appropriate care and linguistically diversified aged care services.

The prevalence of obesity and mental health issues are becoming increasingly significant to the Australian Workforce. Employers in the future will need to address these conditions and provide working environments which are beneficial to employee health. More specialists in exercise, diet and mental well-being will be required. New medical technology as well as automation in medical diagnostics and care are likely to complement labour in the health care sector to meet the increasing demand.

The socio-economic profile details that between 2006 and 2016 Kempsey Shire had an increase in the average age of residents totalling 5.6 years, a similar trend, although to a lesser extent, was represented in NSW as a whole. This information indicates that Kempsey Shire is no exception to the aging population trend seen throughout Australia. Almost 25.0% of the population of Kempsey Shire was aged 65 years and over in 2016, therefore Kempsey Shire Regional Council must consider how to care for these residents as the population becomes progressively aged.

This trend is demonstrated in Figure 6 below.

Figure 6 - Projected Proportion of Kempsey Shire Aged over 65 Years (Source: Informed Decisions (Population Forecasting, 2018), NSW Government Population Projections (2019))



In 2016, Kempsey Shire demonstrated a relative significance in employment in health care and social assistance industries compared to NSW. The area can leverage this strength to attract professionals (domestically and through migration) to the area in order to expand service offerings, which will eventually be used to service the ageing population in the region. By taking advantage of educational opportunities in surrounding towns (e.g. Port Macquarie) and participating in the implementation of new technologies, the region could have an advantage within the health sector.

4.5 The Rising Bar

Global economies are increasingly moving away from manufacturing and agriculture to service-based economies, with a growing demand for knowledge and information (Witt & Gross, 2019). The shift in the economic landscape has resulted in automated systems requiring high skill levels, with low skilled jobs being moved to less developed countries. This shift has resulted in a "higher bar" being set, with many professions requiring high level skills and education for entry positions.

In the knowledge-based economy, employment is correlated with an obtainment of higher education, which corresponds with technology awareness and increased productivity. Enrolments in higher education has increased across Australia, particularly in the society and culture studies, education and health courses. A decline in enrolment in sectors such as IT and engineering has seen demand for migrant skilled workers grow (CSIRO, 2016).

A knowledge economy requires employees trained in science, technology, engineering and mathematics (STEM), with the vast majority Australia's fastest-growing professions requiring training in STEM. However, interest and performance in the STEM fields has declined among Australia's school and university aged population. Increasing costs of higher education has also attributed to declining enrolments in STEM courses. The decline in interest in the STEM fields is anticipated to greatly impact future workforce, innovation and Australia's competitiveness in the global labour market. The growing popularity of open online courses is anticipated to provide individuals, especially individuals from low income socio-economic backgrounds, access to tertiary education at low cost than traditional higher education institutes and offers flexibility by providing learning material accessible online at any time.

Income inequality has continued to grow in Australia over the last few decades, especially among individuals with and without higher education. However, by providing equal opportunities to education to all individuals, more equal distribution of income is obtained. Although the number of university graduates (i.e. with bachelor's degree or higher) finding employment after graduation has declined over the last decade, obtaining higher education qualifications still offers better employment prospects than having no higher education qualification.

Additionally, employers are increasingly becoming interested in the 'soft skills' of future employees. Soft skills such as interpersonal and organization skills are integral for critical or problem solving and innovation and are often an addition to university degrees.

Kempsey Shire has less than half the proportion of professional, scientific and technical service industry employment than NSW. This demonstrates a weakness in the employment profile of the Shire, which could lead to economic losses as the Australian economy moves towards a primarily service-based workforce. Despite this lack of employment in the professional services industry, Kempsey Shire demonstrates a relative strength (compared to the state) in health care and social assistance employment, representing over 15.0% of the local workforce as of the last Census. This industry is highly knowledge intense and demonstrates potential opportunities for the Shire to specialise.

As previously mentioned, opportunity to upskill or obtain higher qualifications within Kempsey Shire is limited. Kempsey TAFE NSW and Mid North Coast Community College both provide training across a range of skills including beauty and aged care training programs. In particular, the Mid North Coast Community College also offers life skills training programs to support disadvantaged youth from the region. Across these two educational facilities, the highest order education is a diploma available at the Kempsey TAFE.

Kempsey Shire demonstrates a relative strength in health care and social assistance employment. This industry is highly knowledge intense and demonstrates potential opportunities for the Shire to specialise.

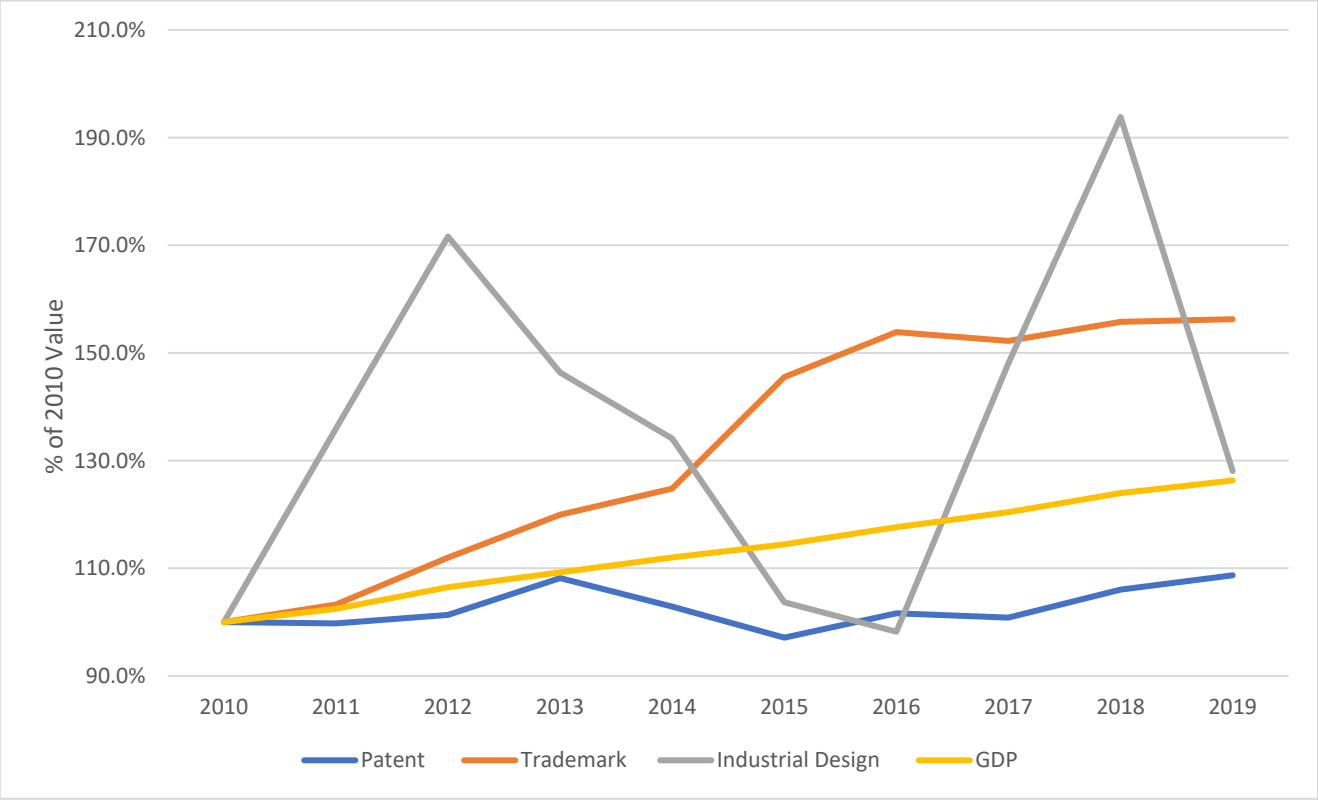
Kempsey Shire should work to grow the education and training industry in order to provide residents with the opportunity to up-skill and stay relevant in the evolving economy. This could be established through collaboration with universities and research institutes and would reduce the leakage of education to other areas of the State. Notably, the Charles Sturt University Campus in Port Macquarie could provide some opportunities for Kempsey to collaborate with higher order educational facilities.

4.6 Tangible Intangibles

A growing subset of Australia's service economy is the knowledge-based economy, contributing to employment and value added across various industries. Knowledge economies are often measured by patent growth, a key indicator of innovation. Although the number of patent applications have increased in Australia over the last few decades, it is modest by global comparisons.

Figure 7 details the intellectual property filings and GDP growth in Australia (indexed 2010 -100%) between 2010 to 2019.

Figure 7 - Intellectual Property Filings and GDP Growth in Australia (indexed 2010 -100%), 2010 to 2019 (Source: World Intellectual Property Organisation (2019))



The experience economy, where businesses create memorable events for clients, is continuing to grow as a component of Australia's service economy. Personal trainers, life advisors, tourism and entertainment advisors are expected to play a key role in the growth of the experience economy (CSIRO, 2016).

The growth in the creative sector largely attributable to the digital revolution involves various skill sets ranging from arts to science and knowledge. The value added to the GDP of Australia by the creative sector has increased significantly over the last decade and is anticipated to become an important element of the economy. Generation Z, people born between 1995 and 2009, grew up in a world of digital technology will be a key contributor to the growth of the creative sector and are expected to bring a set of intangible experiences to labour force (CSIRO, 2016). Some of the key features which Gen-Z will bring to the workforce in the future include;

- Constantly connected online: strong communication skill through online methods;
- Entrepreneurial in nature: high proportion of Gen-Z intend to start their own business;
- Collaboration: preference to work in collaboration with a small team; and
- Continuing learners: appreciate a working environment which can provide them with continuing learning and mentoring opportunities.

Generation Z might therefore bring a new set of intangible experiences they expect from their work environment. That might imply a need to develop new solutions for the working environment and recruiting, such as bring your own device policy, creativity and learning-stimulating working arrangements.

Kempsey Shire should seek to provide a range of lifestyle opportunities and services to entice knowledge workers, rather than simply providing a place to work. Kempsey Shire would need to ensure that employment precincts such as the town centres, the Kempsey District Hospital and industrial areas (South Kempsey) are considered appealing and offered a range of services and facilities to attract and retain knowledge workers.

Increased office space (available for short term leasing) or co-working facilities should be made available within Kempsey. It is imperative that these facilities are well connected to the global network through substantial technological infrastructure.

4.7 Online Retail

Online retailing is defined as industry retailers operating websites which enable consumers to purchase a range of products such as apparel, computers, recorded music, electronic goods, general merchandise and groceries. As a result of changing consumer attitudes and the mass adoption of in-home technologies over the past decade, online retailing has significantly grown throughout Australia.

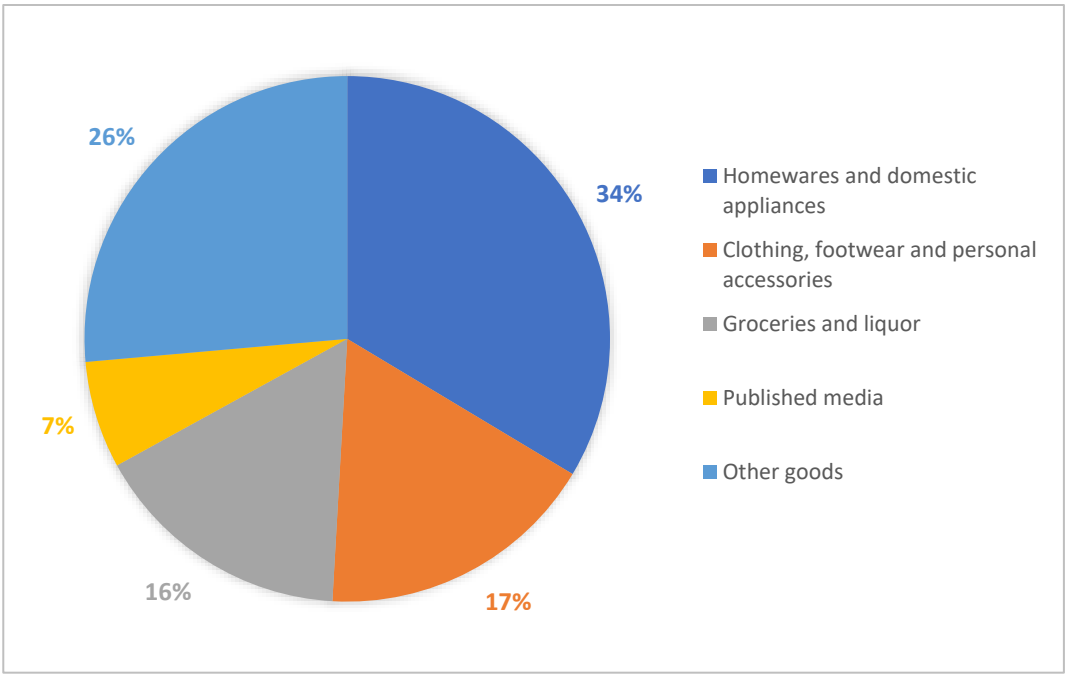
Some key industry performance indicators which detail the significance of online retailing in Australia were outlined in IBISWorld's Online Shopping in Australia report (Australia Industry (ANZSIC) Report X0004), 2021 and are as follows:

- Total Revenue in 2020-21: $43.9 billion;
- Annual growth between 2021 and 2026: 6.9% per annum; and
- Number of businesses 2021and 2026: 5.0% per annum.

In Australia the largest market share was held by Woolworths Group Ltd, which accounted for 9.9% of the total annual revenue in the industry in the 2020-21 financial year. This is likely due to high proportion of online sales in groceries and liquor in Australia, which represents 16.1% of the total industry revenue in 2020-21 (IBISWorld, 2021).

The segmentation of online product and services sales is detailed in Figure 9 below.

Figure 8 - Industry Products and Services in Australia, 2020-21 Source: IBIS World, Online Shopping in Australia (2019)



There are five key external driving factors which have been identified as contributing significantly to the online growth in the above detailed sectors, both to date and moving forward. The key driving factors are as follows (IBISWorld, 2021):

- **Internet Subscribers:** increases in internet penetration, particularly in regional areas of the country, allows more consumers to engage in transactions online. Therefore, online retailers have access to a growing pool of customers. The number of internet subscribers is expected to decrease in 2020-21;
- **Real Household Discretionary Income:** increasing discretionary income provides consumers with more opportunity to spend on a broader product range where online retailing facilitates the purchase of many specialty goods. Real household discretionary income is expected to decrease in 2020-21, threatening industry growth;
- **Consumer Sentiment Index:** consumer sentiment influences consumer demand for discretionary goods at the retail level. Consumer sentiment is expected to rise but remain negative in 2020-21;
- **Demand from Department Store:** rising demand from department stores increases competition for the industry. Demand from department stores is expected to decline in 2020-21; and
- **Mobile Telecommunications Density:** consumers are increasingly using mobile devices to make online purchases. As the density of mobile telecommunications increases, consumers are more likely to make online purchases using mobile devices, supporting industry demand. Mobile telecommunications density is expected to increase in 2020-21.

These external driving factors, and their relative trends, are expected to propel the value added from online shopping to increase at an annualised 11.7% over the 10 years. This is a significant outperformance compared with anticipated annual GDP growth of 2.1% over the same period (IBISWorld, 2021). Therefore, the online shopping industry is growing significantly faster than the Australian economy.

There are noteworthy consequences which arise as a result of the continued growth in online shopping (particularly over the next decade). Bricks and mortar retailers are faced with competing against virtual stores with none of the retail

overheads, while simultaneously bricks and mortar retailers are developing their own virtual stores that compete against their own shops. Companies such as Uber Eats and Menulog have demonstrated that there are few products which cannot be fulfilled through technological advancements and online platforms utilised by the consumer. As demonstrated, online retailers sell a broad range of products and product types.

Online retailing is already changing how retail developments are delivered, with retail centres moving away from their traditional retail focus towards more lifestyle-oriented centres. Online retailing will and already is having substantial impacts on retailers that have traditionally relied on large format stores (e.g. supermarkets, discount department stores, department stores, category killers). The ultimate consequence will be an overall reduction in the demand for physical retail floor space per capita, it remains to be seen whether this will result in fewer or smaller stores, this is a trend which has been furthered by the COVID-19 pandemic in early 2020.

To date, the global COVID-19 crisis has had a dramatic effect on almost all facets of the Australian economy, however the retail sector felt the crisis more than most. As non-essential physical stores have closed throughout the country between March 2020 and mid-2021, consumer preferences have been forced to shift from brick and mortar stores to online shopping, particularly for the purchase of discretionary goods (S.Bartholomeusz, 2020). A report published by KPMG titled COVID- 19: Retail's survival and revival in April, 2020, identifies that eCommerce will play a vital part of retailers response to the crisis and will cause lasting changes in consumer behaviour throughout Australia. The report identifies two-waves of significant eCommerce growth resulting from the pandemic:

- The shock switch from physical to online channels as a result of public space shutdowns; and
- Regrowth starts and sticks online, due to permanent changes in shopping behaviour.

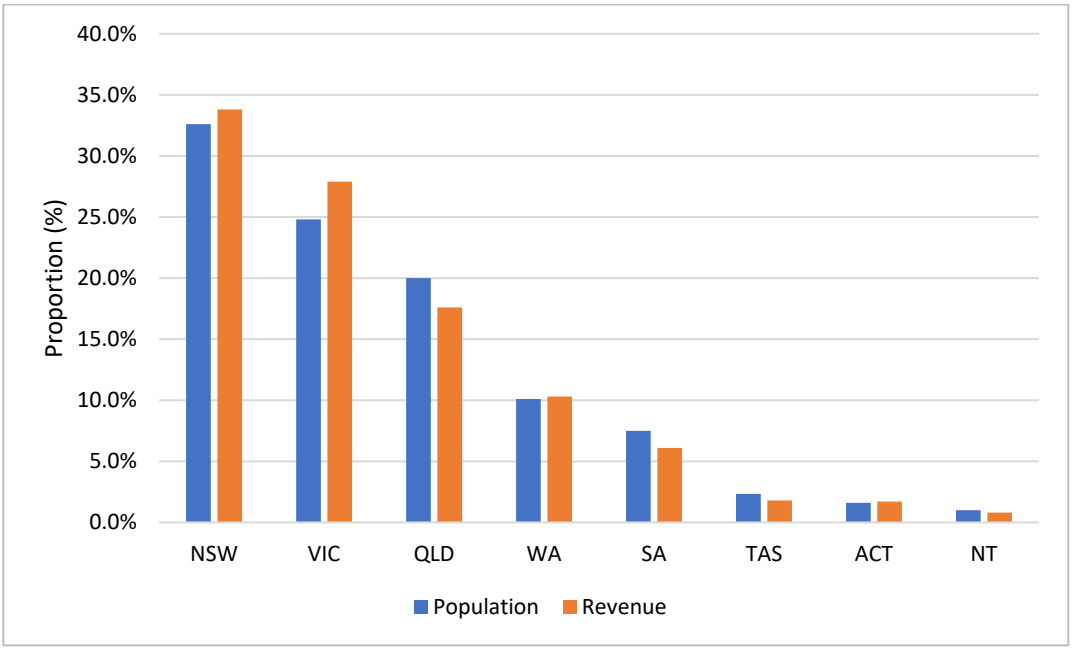
The growth in online retailing predicated by KPMG as a result of COVID-19 was confirmed in the Inside Australian Online Shopping (Australia Post, 2021), which highlighted that between March and December of 2020, online shopping growth support 57.0% year on year growth. This growth in online retailing is attributable to the shock switch predicated by KPMG. The Inside Australia Online Shopping update, released in November 2021, indicates that during 2021 Australia has sustained behavioural changes in the shift to online shopping, however, trends in online expenditure indicate that as public spaces reopen growth has begun to slow.

The growth in online retailing also has significant indirect effects on the economy, most significantly, rapid growth will be required in logistics and freight networks and in the availability of vacant industrial tenancies. Freight and logistics companies will need to sustain the increased demand for the fulfillment of online orders. While additional industrial space will be required by retailers and wholesalers in order to store and maintain the increased inventory levels required to meet the growing demand (Maria Lee - Oxford Economics, 2020).

Within Australia the distribution of online spending is measured by the location of consumers who purchase goods online. "Demand for online shopping is led by NSW which has the largest national population base, followed by Victoria and Queensland. Together, these states account for an estimated 77.7% of industry revenue, similar to their share of the population" (IBISWorld, 2021).

This distribution is illustrated in Figure 9 below.

Figure 9 - Distribution of Online Spending, 2020-21 (Source: IBIS World, Online Shopping in Australia (2019))

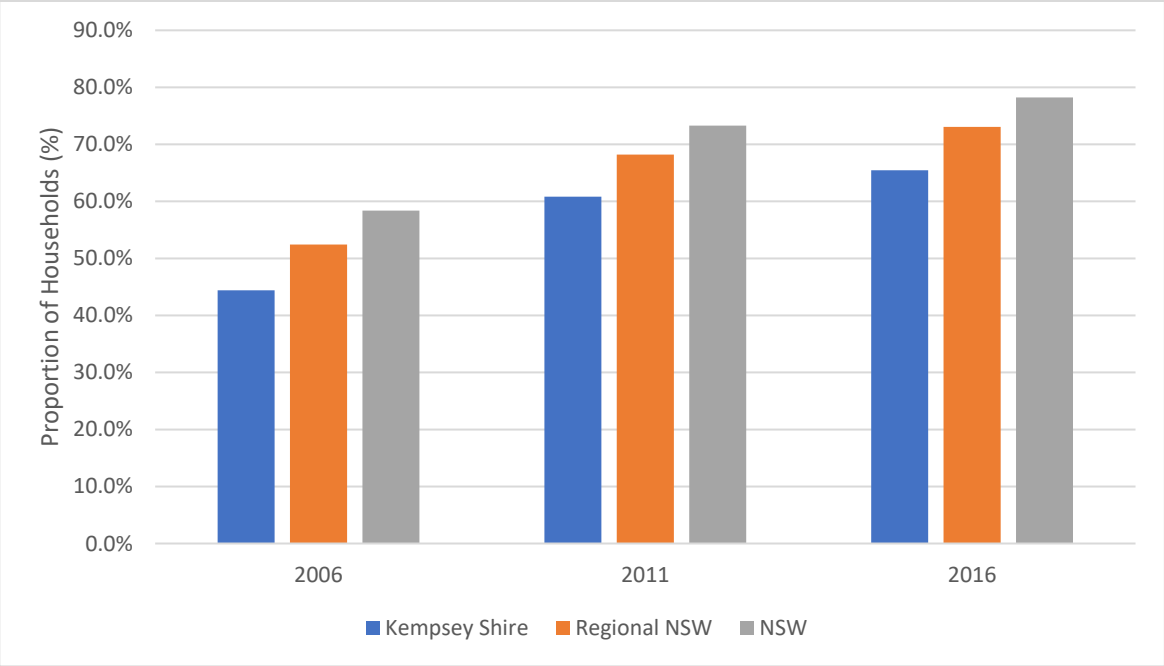


NSW is likely to continue to account for a high proportion of online retail purchases due to the high population density and increased proportions of internet connectivity in Kempsey Shire and the broader region. Between 2006 and 2016 there were significant increases in the proportion of households with internet connectivity in Kempsey Shire, with the largest increase occurring between 2006 and 2011. The lower proportion of households with internet connection in Kempsey Shire indicates the demand for online shopping may potentially be lower than in Regional NSW and NSW. This increase is illustrated in

Figure **10** below.

Kempsey is the ideal location for online businesses, or businesses that use a great deal of postage, with the Mid North Coast Mail Exchange located in the South Kempsey Industrial area. This allows for the more efficient delivery of parcels relative to other parts of the Mid North Coast.

Figure 10 - Proportions of Households with Internet Connection, 2006, 2011 and 2016 (Source: Community ID Kempsey (2006, 2011 and 2016))



The availability and affordability of technology is expected to continue to positively influence the number of households with internet connectivity over the next decade. Also, as behavioural changes resulting from COVID-19 continue to be normalised, even in the wake of the pandemic, Australia will need to sustain the supply chains servicing the demand for online retailing.

Kempsey Shire being located proximate to the Pacific Highway, a main freight transport thoroughfare, could make the Shire an affordable and convenient location for online businesses to locate. Additionally, the presence of the Mid Nort Coast Mail Exchange in South Kempsey potentially allow for the more efficient delivery of parcels from small businesses utilising Australia Post services relative to other parts of the Mid North Coast. However, the

4.8 Robotics, Automation and Artificial Intelligence

4.8.1 Technology and Employment

The global economy has been primarily driven by major technological changes which have raised global living standards. However, these technological changes are causing considerable short-term disruptions for individuals and society, including the loss of income and wealth. The fear that technological progress will cause unemployment is not a new phenomenon having been experienced numerous times throughout history. The short-term disruptions are more often outweighed by the long-term benefits of increased productivity and living standards.

4.8.2 Globalisation

The increasing efficiency and effectiveness of digital technologies has facilitated globalisation by greatly reducing the costs associated with long distance communication. A key area that has been substantially impacted is international trade, generating net economic benefit to various nations. However, increased globalisation has also impacted certain industries and workers who vulnerable to cheap foreign labour and imports. One of those domestic industries impacted by globalisation is manufacturing, declining by approximately 15% over the last 20 years. As the skill level in lower wage countries continues to rise, especially in Asia, this will leave Australian workers exposed to potential job losses. Although, cheap foreign labour costs reduce employment in Australia, it has been shown that this will lead to increased investment, innovation and wages, especially among higher skilled workers.

4.8.3 Automation

Automation, which is the process by which human workers are replaced by machines or computers, has also impacted local employment. Automation has substituted workers across a range of industries that require routines tasks, making some occupations redundant. This has made 'middle class' jobs increasingly scarce as they are being replaced by technology in advance economies such as the United States of America. However, workers who have skills which compliment technology have seen an increase in productivity, resulting in increased wages and opportunities.

As highlighted above, jobs considered routine (i.e. jobs that follow defined procedures) are most vulnerable to automation. As technological change progresses, tasks which require high cognitive abilities, such as scientific research, are becoming increasingly automated. A study by the University of Oxford which compartmentalised jobs into their component tasks and activities to estimate how vulnerable they are to automation, found approximately 47% of US workers were at risk of losing their job to automation. The same methodology applied to the Australian context estimates 44% of jobs at risk to automation.

Automation can also complement and substitute human labour, presenting various opportunities for human workers to become more productive. A good example of this is the banking industry, which has seen the number of bank tellers decrease due to automated tellers' machines but has created opportunity in other banking related services.

4.8.4 Augmentation

It is critical to understand ways technology can augment the value of human labour. Technology can help individuals to accomplish more tasks, access more tools and information, solve complex tasks and be able to spend more time on valuable tasks as opposed to routine ones. Technological augmentation is the key driver behind increasing skilled employment seen across Australia over the last two decades. Whilst employment in occupations which require lower skill levels has declined, this has opened more opportunities for more skilled workers in related occupations. However, not all displaced workers have reaped the benefits of technological changes.

4.8.5 Distributional Impacts

Technological change does not only impact the types of jobs demanded by the labour market but also income levels payable under these occupations and roles. In the United States, wage advantage has largely been enjoyed by more educated workers with higher level skills over the last 30 years, whereas, the real earnings of lower skilled workers have declined. The decreasing labour share of the national income across most advanced economies, including Australia, indicates a shift in income away from labour and towards capital. During Australia's mining boom, capital income growth outperformed the growth experienced in employment and real wages.

Increasing globalisation has also put negative pressure on the wages for lower skilled workers across most advanced economies, this is primarily driven by increased automation. Automation coupled with shift towards globalisation have contributed to increased inequality in advanced economies, although the offshoring of certain jobs has decreased inequality in developing countries. As advanced economies continue to experience decreasing population growth and aging populations, this may lead to growth in the demand for labour, further decreasing inequality within, and between, countries.

As evident across the majority of Europe, there has been a decline in the middle third of skills distribution. In many European countries, the growth in high skilled jobs has outpaced the growth in lower skill jobs. The effect of such a trend is that many lower skilled workers have been unable to upskill in order to avoid their skill set being redundant due to technological advancements. In the Australian context, there has been no absolute decline in employment across any skill level but a notable increase in the number of higher skilled jobs. Real income in Australia has increased across the skill distribution and not only in jobs requiring a high skill level.

A key question that has risen is the willingness of people to pay for human labour compared to technological alternative (i.e. what value people put on personal service compared to automated systems). The introduction of automated check-outs in supermarkets has partly answered this question, with many people disliking the service but are less willing to pay the higher costs associated with longer wait for human service.

Although automated check-outs have gone a long way to replace human operators, the rise of personal trainers indicates people are still willing to pay a high cost for human service in certain settings. The value of human labour/service placed by individuals in different contexts will determine how much individuals can earn from labour service compared to automated service.

4.8.6 Technology and the firm

The rapid technological progress has changed the way businesses are organized and operate with great impactions for employment. Basic economic theory does not always highlight the existence of certain firms as it simply considers individuals exchanging goods and services through a market. However, Ronald Coase showed that firms often exist to avoid the transaction costs involved with using markets. This indicates that tasks might be contracted out to the market but since there are high costs associated with finding the right supplies and price, this often results in long term contracts being cheaper than several short -term ones, which paves the way for employment relationship (between firms and long-term contractors).

The optimal size of a firm is correlated with the economies of scale of the firm. As suggested by Coase, the introduction of ICT such as telephones reduced the cost of organizing in various geographical locations and therefore increased the optimal size of a firm. As many firms continue to adopt digital technologies such as the internet coupled with increasing globalisation this will allow firms to expand their size and geographical reach. However, the ongoing improvement of data analysing tools will continue to change the way information is processed and applied, ultimately eliminating the need for middle-management, with networks playing a crucial role.

The introduction of digital platforms that allow buyers and sellers to interact has greatly reduced the transaction costs involved across various markets. Reduced transaction costs due to digital platforms have seen firms shift from offering ongoing employment to existing employees to more short-term contracts. In the future, firms may become smaller in terms of essential staff size but will rely heavily on networks of freelance/temporary providers to deliver a greater share of their work. Firms benefit greatly from flexible employment, which allows them to respond to any changes in the market (i.e. if there is a large order for product, they can hire temporary staff to maintain the large inventory). However, freelance employment model works when incentives can be easily aligned to output. In instances where the quantity and quality are less easily observable, it may be more suitable to keep employment internal and permanent. This is largely due to freelance workers being clearly less invested in the success of a company than internal employees.

Freelance workers are likely to be attracted to jobs which allow them to develop easily transferable skills, which will enable them to obtain future jobs. In order to attract the best freelance workers, firms may need to offer specific skill sets that will ultimately lead the freelancer to gain ongoing employment. It is critical for firms to develop long term relationships with their employees.

As noted in the work of Ronald Coase, the risk preference of workers is an important matter. Freelance work is riskier compared to ongoing permanent employment. As many workers value job security, it is important for firms to offer ongoing employment as a means of keeping and motivating good workers. Many workers often chose to trade off pay and work conditions for permanent secure employment. Freelance work mediated through the emergence of digital platforms is anticipated to make progress in the areas where causal employment already persists, an example of this is Uber replacing contract Taxi drivers in Australia.

4.8.7 Market Structure

The marginal costs of production associated with digital goods and services is close to zero, hence, the return to scale is often large. This leads to large firms dominating many markets and often at the global level, as they have cost advantage over smaller firms. Consequently, this can contribute to inequality as returns to scale amplify small differences in performance, so those at the top are rewarded more substantially. Although the revenue of top digital firms is large, this does not necessarily mean such firms employ large number of workers.

The emergence of digital technology has also opened many niche markets in which workers and firms might find beneficial employment. An example of this is the emergence of digital music streaming services that enable writers and musicians to find audiences and therefore income.

The information and moral hazard issues which impede many market transactions are overcome by digital platforms. An example of this is the online reputation mechanism associated with platforms such as Amazon which facilitate the transaction of products between complete strangers across a range of products. Online reputation mechanisms reduce the value of traditional indicators such as brand recognition. This can lead to independent providers competing more effectively against major providers. However, the degree to which markets are fragmented or concentrated will depend on the economies of scale and the extent of heterogeneity in consumer preference.

Digital economies allow greater opportunities for entrepreneurship, primarily due to increased innovation and improved networking which will facility access client and investors. In the digital economy, it is increasingly becoming easier to build reputation and establish connections, creating a more even playing field for aspiring entrepreneurs. This is welcomed as economic growth depends on innovation.

4.8.8 Jobs of the Future

The emergence of technological changes coupled with demographic changes will give rise to brand new jobs. However, there is no precise means of forecasting future jobs. In considering abovementioned trends and insights provided in this chapter, the following six jobs are deemed as jobs of the future:

- Big Data Analysts, i.e. data scientists who can spot trends in increasingly large and varying datasets;
- Complex Decision Support Analysts;
- Remote Controlled Vehicle Operators;
- Customer Experience Experts;
- Personalised and Preventative Health Helpers; and
- Online Chaperones.

4.9 Summary and Implications for LGMS

The key employment trends identified above may have implications for future employment opportunities within Kempsey Shire. The LGMS should consider the following key opportunities related to emerging employment trends:

1. Capitalising on advanced manufacturing processes; diversifying the industrial profile; increasing opportunities for professional and programme-based occupations and providing for a greater proportion of mixed use and research hubs;
2. Providing space (such as co-working or hotdesking space) to attract and retain Kempsey Shire's residents. It is understood that Council has been made aware of demand among residents for co-working space in and near the region;
3. Structuring the local business environment in a way which allows for flexible and low risk options for spaces as many Australian start-ups will not be receiving venture capital funding;
4. Leveraging Kempsey Shire's strength in health and social assistance employment to attract professionals to the area in order to expand service offerings, which will eventually be used to service the ageing population in the region. By taking advantage of educational opportunities in surrounding towns (e.g. Port Macquarie) and participating in the implementation of new technologies, the region could have an advantage within the health sector;
5. Working to grow the education and training industry in order to provide residents with the opportunity to up-skill and stay relevant in the evolving economy. This could be established through collaboration with universities and research institutes such as Charles Sturt University Campus in Port Macquarie. The Country University Centres (CUC) Macleay Valley (located in Kempsey CBD) has been operational since March 2021 and offers access to study spaces, computers, higher speed internet and video conferencing to support students in Kempsey studying at any Australian university. The continued support of this facility in collaboration with

universities and research institutes within the Mid North Coast will enable locals to upskill and remain within Kempsey;

6. Seeking to provide a range of lifestyle opportunities and services to entice knowledge workers, rather than simply providing a place to work. Connections to the global network through substantial technological infrastructure will be integral;
7. Investigate opportunities to promote Kempsey Shire as an affordable and convenient location for businesses to locate, being located proximate to the Pacific Highway which is a main freight transport thoroughfare.

5 ECONOMIC STRENGTHS AND WEAKNESSES OF KEMPSEY SHIRE

The purpose of this section is to consider the economic strengths and weaknesses of Kempsey Shire and its component sub-regions, based on the outcomes of previous analysis conducted in this report and discussions with Council. This assessment has also considered the potential future opportunities for Kempsey Shire based on an assessment of megatrends and how Kempsey Shire can position itself to benefit from these megatrends. Consideration has also been given as to how Kempsey Shire can address existing weaknesses.

5.1 Strengths

A range of economic assets typically anchor the local economy which may include major infrastructure assets, in-region capabilities (e.g. skilled workforce) or a sense of place/history. Within Kempsey Shire, regional assets identified include:

- Location;
- Health services and facilities; and
- Increasing health and construction employment.

5.1.1 Location and Lifestyle

The location of Kempsey Shire positions the Shire to benefit from being situated mid-way between two major cities, Brisbane and Sydney. Kempsey Shire is located about 500 kilometres south of Brisbane CBD and 400 kilometres north from Sydney CBD. The locational benefits include tourism gained from capturing Brisbane to Sydney (vice-versa) travellers, proximity to major road infrastructure and employment opportunities (less than an hour drive to regional centres such as Port Macquarie and Coffs Harbour).

Kempsey Shire benefits from having good accessibility to the Pacific Highway, which is the main link between Sydney and Brisbane. Kempsey Airport is located just off the Pacific Motorway. Kempsey Shire also sits in proximity to the regional ports of Coffs Harbour and Port Macquarie. Kempsey is also located some three hours from the Port of Newcastle, which is one of the world's leading coal export ports. In addition to its location and accessibility, the amenity and lifestyle opportunities afforded by Kempsey Shire could also be considered as a drawcard for attracting future employees to the Shire (including more knowledge based workers).

5.1.2 Health Services and Facilities

Kempsey Shire has a high proportion of persons aged over 65 years old, therefore access to health care systems such as hospitals are a key asset. The provision of an appropriate health system contributes to the overall liveability of the Shire for local residents as a place to live and work.

There is a single hospital in Kempsey Shire being Kempsey District Hospital. Whilst this facility is relatively small and currently only has 81 beds, it is part of the North Coast Health Service Area of NSW network of hospitals supporting healthcare throughout the region. Kempsey District Hospital underwent significant redevelopment in 2016, with future upgrades to further consolidate the Shire's strength in this industry.

5.1.3 Increasing Health and Construction Employment

There has been significant employment growth in the health, social assistance and construction sectors. Increasing employment in the health sector is typically reflective of an ageing population, which applies to Kempsey Shire. Upturn in the construction sector is associated with a booming economy and can trigger employment in a range of professional sectors (i.e. planning, project management and real estate and property services).

5.2 Weaknesses

Kempsey Shire also has several weaknesses which may hinder further economic growth. Within the Shire, the most significant weaknesses identified as part of this analysis are as follows:

- Changing demographics;
- Employment leakage; and
- Education opportunities.

5.2.1 Changing Demographics

As detailed in the preceding sections of this report, the working age population of Kempsey Shire, as a proportion of total population has been declining over the past three Censuses. Working age population projections indicate this trend will continue over the projection horizon, consistent with the ageing population trend seen across Australia. This is considered a weakness for Kempsey Shire as the current health offering in the Shire may not have the capacity to support the additional demand for health services as a large proportion of the population are over the age of 65 years. Another key issue which can result from an ageing population, particularly outside of metropolitan areas, is the loss of skilled labour as the current workforce ages, impacting output levels.

5.2.2 Employment Leakage

As indicated in earlier sections of this report, the resident workforce of Kempsey Shire is highly immobile with over 80.0% (over the past two Censuses) of the resident workforce employed in Kempsey Shire. Additionally, there are limited workers travelling to Kempsey Shire for employment purposes. This is primarily due to the lack of diverse employment opportunities within Kempsey Shire. A such, there is a significantly lower average weekly income and higher unemployment rate in Kempsey Shire compared to the broader Mid North Coast region and NSW.

A lack of employment opportunities can significantly impact the future growth of an area, particularly when paired with an ageing population. If there are limited employment opportunities, the likelihood of drawing new persons to the region (to work or to live) is low, and therefore the skills gap occurring with the ageing population will continue to broaden.

5.2.3 Education Opportunities

Education and skills development opportunities within Kempsey Shire are limited, with the sole education facility being the Mid North Coast Institute of TAFE campus. However, whilst the TAFE offers a range of courses, only a handful are delivered on-campus, providing limited opportunities for the TAFE to attract enrolments from outside the region.

Whilst the socio-economic profile detailed an increase in the proportion of residents holding a non-school qualification between 2006 and 2016, it is still significantly lower than the Mid North Coast and State values in the same time period.

The incidence of persons holding a bachelor's degree or higher in Kempsey Shire is significantly lower than Mid North Coast and NSW. As economies shift towards service-based industries, higher education is becoming increasingly important. Historically, Kempsey Shire has had a large proportion of the workforce employed in industries centred around manual labour. Whilst these industries remain important, Kempsey Shire needs to ensure that there are opportunities for residents to upskill to keep up with the changing employment landscape.

An additional concern which arises when there are limited education opportunities for residents is the leakage of young people from the area to surrounding regions to obtain a higher qualification. Due to the ageing population, Kempsey Shire must consider how to retain the younger population of the area and encourage young professionals to locate to the area.

5.3 Vacancy Rates

The centres inventory detailed in Section 3 of this report identifies significant levels of vacancy in parts of Kempsey Shire, including:

- B2 – South West Rocks (predominately along Paragon Avenue and Memorial Avenue);
- B2 – Rocks Central (South West Rocks);
- B1 – Becke Street (West Kempsey); and
- B4 – South Kempsey.

The majority of the centres identified with high vacancy rates also contain significant number of remnant residential dwellings (i.e. houses and apartments) or vacant land.

5.4 Summary of Opportunities and Implications for LGMS

The above analysis has demonstrated that there are a range of opportunities for Kempsey to consider with respect to future employment prospects. These opportunities are identified as follows and should be considered when preparing the LGMS:

5.4.1 Education Opportunities

As discussed in the preceding section, a key risk within Kempsey Shire is the lack of education opportunities for residents of the area. Whilst the TAFE offers a wide range of courses, there is still significant educational leakage to surrounding areas (particularly for the attainment of bachelor or higher degrees). The existing and projected population size of Kempsey Shire indicates that the Shire does not have the population size to support a university campus to correct this weakness. However, a partnership of local industry with existing educational facilities within the Mid North Coast region may be a strong opportunity for the Shire to encourage new residents to the area.

By establishing and facilitating a partnership between education and industry, the workforce in Kempsey Shire will increase in skill level therefore diversifying the existing employment portfolio in the area. This combination of education and employment seeks to assist in minimising the skill deficit which results from an ageing population, whilst retaining young people and encouraging young families (particularly young professionals to the region), in order to capitalise on these opportunities and the lifestyle afforded by a coastal location such as Kempsey Shire.

5.4.2 Investment Incentives

Another key opportunity for Kempsey Shire is to encourage additional outsider investment to the Shire. Kempsey Shire can continue to commercialise its natural assets which bring in significant tourism. Section 4.6 of this report discusses the growth of the experience economy, meaning that consumers are willing to spend more of their discretionary income on experiences rather than on tangible goods. Kempsey Shire sits along the famous mid north coastline, which is recognised Australia wide, however, has a decreasing proportion of employment in tourism-based industries. This can represent an opportunity to revitalise and combat the ongoing weaknesses identified in the previous section.

5.4.3 Sustainable Agriculture

Within Kempsey Shire, employment in agriculture, forestry and fishing has gradually decreased between 2006 and 2016. However, agriculture remains an industry of significance within the Macleay Valley area (South Kempsey). Growing interest in the application of advanced manufacturing practices to the farming industry, means that there are opportunities for regional areas to increase agricultural output and employment.

Additionally, the reputation of the Mid North Coast as a 'green' region with high quality and organic fruit and nut production creates an opportunity for Kempsey Shire to develop emerging capabilities in the production of fruit and nuts as well as other food products and including certified organics. Kempsey Shire, in collaboration with State government and education facilities could also benefit from investigating strategies to rapidly expand the value of agricultural production by linking intensive small scale farming to research, employment, training and utilisation of flood plain lands previously used by the dairy industry.

6 EMPLOYMENT PROJECTIONS

This section of the report details the projected employment by industry for the 2020 to 2041 period for the catchment areas and for Kempsey Shire as a whole. In estimating employment, consideration has been given to publicly available data from Informed Decisions (Economic Profile) (latest available employment data) and Transport for NSW employment projections. This report has prepared employment projections at the two-digit ANZSIC industry level, including a breakdown on the projected growth in full-time and part-time employment growth.

For conciseness, employment projections at the single-digit ANZSIC level for Kempsey Shire and total employment by catchment area are presented in the body of the report, with employment projections at the two-digit ANZSIC projections are presented in Appendix A.

6.1 Transport for NSW Employment Projections

In June 2019, Transport for NSW published employment projections by LGA and Travel Zone for the 2016 to 2056 period. The Travel Zones as defined by Transport for NSW align with the 2016 ABS Census Destination Zone boundaries. However, as previously mentioned, the defined catchment areas did not align with the travels. As such, a concordance of Travel Zones to catchment areas was undertaken and is summarised below.

Table 32 - Concordance of Travel Zones to Catchment Areas (Source: Bull & Bear Economics)

Catchment Areas	Travel Zones (DZN number)
South Kempsey/Crescent Head - Kundabung	Crescent Head (111568303), East Kempsey (11558325) partly, Kundabung (11568301) partly, Kempsey (11558324) partly
East Kempsey/West Kempsey - Greenhill	Kempsey (111558324) partly, East Kempsey (11558325) almost entirely
Aldavilla - Euroka - Yarravel	Greenhill (11558322)
Frederickton and District	Kundabung (11568301) almost entirely, Fredericktown (11558323)
Rural West - Bellbrook	Bellbrook (111568300)
Smithtown - Gladstone and District	Hat Head (111568304)
South West Rocks - Jerseyville	South West Rocks (111608326)
Stuarts Point and District	Stuarts Point (111568302)

NSW Government employment projections were undertaken at the single-digit ANZSIC level, except for manufacturing, where employment has been published at the two-digit ANZSIC level. The Transport for NSW employment projections are developed utilising the NSW Department of Planning and Environment population and household projections. Population is disaggregated into Travel Zones using several small area input sources on current and future population distribution and development trends. This methodology also divides population by age/gender, household type, education and labour force status. Employment is forecasted by combining labour force estimates with macroeconomic trends. Employment is then disaggregated by industry and Travel Zones.

Under the Transport for NSW employment projections, total employment in Kempsey Shire is anticipated to increase from 10,948 persons in 2016 to 11,613 persons in 2041, an increase of 0.2% per annum over the projection period. The following industries are anticipated to experience significant growth over the projection period (in terms of additional workers in the 2016 to 2041 period):

- **Education and training:** employment anticipated to increase by 247 workers in the 2016 to 2041 period;
- **Accommodation and Food Services:** employment anticipated to increase by 141 workers in the 2016 to 2041 period; and
- **Health care and social assistance:** employment anticipated to increase by 96 workers in the 2016 to 2041 period.

Conversely, the agriculture, forestry, fishing sector is anticipated to record a decline in employment, decreasing from 645 workers in 2016 to 481 workers in 2041.

Table 33**Table 33** below provides Transport for NSW employment projections (baseline employment projections) by industry sector for Kempsey Shire from 2016 to 2041.

Table 33 - Baseline Employment Projections by Industry for Kempsey Shire, 2016 to 2041 (Source: Transport for NSW Employment Projections (LGA) (2019))

	2016	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2016-41
Agriculture, Forestry and Fishing	645	613	583	555	519	481	-1.2%
Mining	17	18	17	17	17	17	-0.2%
Manufacturing	676	696	707	716	727	736	0.3%
Food Product Manufacturing	469	471	478	482	487	490	0.2%
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	-
Textile, Leather, Clothing and Footwear Manufacturing	29	34	35	35	36	37	1.0%
Wood Product Manufacturing	72	77	79	81	84	87	0.8%
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	-
Printing (including the Reproduction of Recorded Media)	15	15	15	15	16	16	0.2%
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	-
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	-
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	-
Non-Metallic Mineral Product Manufacturing	13	14	14	14	15	15	0.5%
Primary Metal and Metal Product Manufacturing	8	9	9	10	10	10	1.0%
Fabricated Metal Product Manufacturing	33	37	37	38	38	39	0.6%
Transport Equipment Manufacturing	9	9	10	10	10	10	0.5%
Machinery and Equipment Manufacturing	0	0	0	0	0	0	-
Furniture and Other Manufacturing	29	29	30	31	32	33	0.5%
Electricity, Gas, Water and Waste Services	80	79	78	77	75	74	-0.3%
Construction	1,182	1,216	1,236	1,238	1,230	1,221	0.1%
Wholesale Trade	134	133	132	131	131	129	-0.1%
Retail Trade	1,374	1,385	1,385	1,383	1,376	1,366	0.0%
Accommodation and Food Services	1,038	1,112	1,159	1,178	1,184	1,180	0.5%
Transport, Postal and Warehousing	501	533	537	542	538	536	0.3%
Information Media and Telecommunications	19	19	19	20	20	20	0.3%
Financial and Insurance Services	138	139	140	144	145	146	0.2%
Rental, Hiring and Real Estate Services	138	154	168	175	176	177	1.0%
Professional, Scientific and Technical Services	352	384	399	404	405	405	0.6%
Administrative and Support Services	381	390	394	398	395	394	0.1%
Public Administration and Safety	872	908	943	948	949	947	0.3%

	2016	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2016-41
Education and Training	1,102	1,190	1,285	1,354	1,358	1,349	0.8%
Health Care and Social Assistance	1,822	1,884	1,905	1,918	1,925	1,918	0.2%
Arts and Recreation Services	89	99	102	103	104	104	0.6%
Other Services	389	411	417	419	415	413	0.2%
Total	**10,948**	**11,363**	**11,607**	**11,719**	**11,688**	**11,613**	**0.2%**

Transport for NSW employment projections by travel zones anticipate marginal increase in total employment across the catchment areas. The projections anticipate total employment to be highest in to be highest in the East Kempsey/West Kempsey – Greenhill catchment area, with total employment increasing from 3,676 in 2016 to 3,888 in 2041, an increase of some 212 workers over the projection period. However, the South Kempsey/Crescent Head – Kundabung and South West Rocks – Jerseyville catchment area are anticipated to record higher growth rates.

Appendix D provides Transport for NSW employment projections for the catchment areas within Kempsey Shire.

Table 34 below summaries projected total employment by catchment area and Kempsey Shire under the Transport for NSW employment projections 2016 to 2041.

Table 34 - Employment Projections by Catchment Areas within Kempsey Shire, 2016 to 2041 (Source: Source: Transport for NSW Employment Projections (LGA) (2019)

	2016	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2016-41
Frederickton and District	922	947	957	961	957	950	0.1%
Aldavilla - Euroka - Yarravel	635	660	678	684	682	679	0.3%
South Kempsey/Crescent Head - Kundabung	3,133	3,305	3,417	3,481	3,480	3,464	0.4%
East Kempsey/West Kempsey - Greenhill	3,676	3,803	3,871	3,901	3,902	3,888	0.2%
Rural West - Bellbrook	236	236	234	231	224	216	-0.4%
Stuarts Point and District	477	478	473	467	454	439	-0.3%
Smithtown - Gladstone and District	626	640	649	653	651	647	0.1%
South West Rocks - Jerseyville	1,243	1,296	1,326	1,340	1,338	1,332	0.3%
Kempsey Shire	**10,948**	**11,363**	**11,607**	**11,719**	**11,688**	**11,613**	**0.2%**

6.1.1 Rebasing of Employment Projections

As previously detailed, the Transport for NSW employment projections rely upon NSW Government population projections by age and gender. However, upon review, the NSW government population projections (2016 to 2041) for Kempsey Shire were identified as being significantly lower than population forecasting undertaken by Informed Decisions (Population Forecasting). As such, total employment projections for Kempsey Shire were rebased using an uplift ratio. This uplift ratio was determined by considering the difference in working age population projections for Kempsey Shire under Informed Decisions and NSW government projections.

Table 35 below provides the uplift ratio used to rebased employment projections to align with Informed Decisions Population projections.

Table 35 - Uplift value for employment projections, 2016 to 2041 Source: Informed Decisions (2018), NSW Government (2018), Bull & Bear Economics Analysis

	2016	2021	2026	2031	2036	2041
Informed Decisions (Population Forecasting)	17,415	17,074	17,148	17,667	18,438	19,059

	2016	2021	2026	2031	2036	2041
NSW Government Projections	16,750	16,037	15,431	15,021	14,696	14,400
Uplift Ratio	**1.04**	**1.06**	**1.11**	**1.18**	**1.25**	**1.32**

The uplift ratio was the applied to total employment projections as outlined in Table 6-4 above. Based on this rebasing, total employment within Kempsey Shire anticipated to increase from 10,948 in 2016 to 15,370 in 2041 and is summarised in Table 36 below.

Table 36 - Rebased Kempsey Shire Total Employment, 2016 to 2041 (Source: Bull & Bear Economics Analysis)

	2016	2021	2026	2031	2036	2041
Rebased Kempsey Shire Total Employment	10,948	12,098	12,899	13,783	14,664	15,370

In disaggregating the rebased total employment (as shown in Table 36) to the one-digit industry level, the share of an industry sector as a proportion of total employment each five-year interval was applied to the rebased total employment projections (i.e. if in 2016 agriculture, forestry and fishing accounted for 5.5% of total Kempsey Shire employment, this was then applied to the rebased figure for 2016).

Table 37 below provides rebased employment projections by industry sector for Kempsey Shire from 2016 to 2041.

Table 37 - Rebased Employment Projections for Kempsey Shire, 2016 to 2041 (Source: Source: Bull & Bear Economics Analysis)

	2016	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2016-41
Agriculture, Forestry and Fishing	645	653	647	653	651	636	-0.1%
Mining	17	20	19	20	21	22	1.0%
Manufacturing	676	741	786	842	912	974	1.5%
Food Product Manufacturing	469	501	531	567	610	648	1.3%
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	-
Textile, Leather, Clothing and Footwear Manufacturing	29	36	39	42	45	49	2.1%
Wood Product Manufacturing	72	82	88	95	105	116	1.9%
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	-
Printing (including the Reproduction of Recorded Media)	15	16	17	18	20	21	1.3%
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	-
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	-
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	-
Non-Metallic Mineral Product Manufacturing	13	15	15	17	18	20	1.7%
Primary Metal and Metal Product Manufacturing	8	10	11	11	13	14	2.2%
Fabricated Metal Product Manufacturing	33	40	42	44	48	51	1.7%
Transport Equipment Manufacturing	9	10	11	11	12	13	1.7%
Machinery and Equipment Manufacturing	0	0	0	0	0	0	-
Furniture and Other Manufacturing	29	31	33	36	40	43	1.6%
Electricity, Gas, Water and Waste Services	80	84	86	90	95	98	0.9%
Construction	1,182	1,295	1,374	1,456	1,543	1,616	1.3%

	2016	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2016-41
Wholesale Trade	134	141	146	154	164	171	1.0%
Retail Trade	1,374	1,475	1,539	1,626	1,727	1,808	1.1%
Accommodation and Food Services	1,038	1,184	1,288	1,385	1,485	1,561	1.6%
Transport, Postal and Warehousing	501	568	597	638	675	710	1.4%
Information Media and Telecommunications	19	20	21	23	25	26	1.4%
Financial and Insurance Services	138	148	156	169	182	193	1.4%
Rental, Hiring and Real Estate Services	138	163	187	206	220	234	2.1%
Professional, Scientific and Technical Services	352	409	443	476	508	536	1.7%
Administrative and Support Services	381	415	438	468	495	522	1.3%
Public Administration and Safety	872	967	1,048	1,115	1,190	1,254	1.5%
Education and Training	1,102	1,267	1,428	1,592	1,704	1,785	1.9%
Health Care and Social Assistance	1,822	2,005	2,117	2,256	2,416	2,538	1.3%
Arts and Recreation Services	89	105	114	121	130	138	1.8%
Other Services	389	437	464	492	521	547	1.4%
Total	**10,948**	**12,098**	**12,899**	**13,783**	**14,664**	**15,370**	**1.4%**

To rebase employment projections by catchment areas, consideration was given to the proportion of total Kempsey Shire employment in each catchment according to the original NSW government projections. These proportions were then applied to the rebased totals for Kempsey Shire.

Table 38 below summarises rebased projected total employment for the catchment areas within Kempsey Shire for the 2016 to 2041.

Table 38 - Rebased Employment Projections for Catchment Areas within Kempsey Shire, 2016 to 2041 (Source: Transport for NSW Employment Projections (LGA) (2019))

	2016	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2016-41
Frederickton and District	922	1,008	1,064	1,130	1,200	1,257	1.2%
Aldavilla - Euroka - Yarravel	635	703	754	804	856	899	1.4%
South Kempsey/Crescent Head - Kundabung	3,133	3,519	3,797	4,095	4,366	4,584	1.5%
East Kempsey/West Kempsey - Greenhill	3,676	4,049	4,302	4,589	4,895	5,145	1.4%
Rural West - Bellbrook	236	251	260	272	281	286	0.8%
Stuarts Point and District	477	509	526	549	569	581	0.8%
Smithtown - Gladstone and District	626	681	722	768	817	856	1.3%
South West Rocks - Jerseyville	1,243	1,379	1,474	1,576	1,679	1,763	1.4%
Kempsey Shire	**10,948**	**12,098**	**12,899**	**13,783**	**14,664**	**15,370**	**1.4%**

6.2 Impact of COVID on Employment

The employment projections (Transport for NSW and Rebased Employment Projections) outlined above consider data that was published prior to the COVID-19 pandemic, as such these employment projections do not reflect the changing economic conditions. In projecting adjusted employment by industry for Kempsey Shire and the catchment areas, consideration was given to the likely impact of COVID-19 on the economy and how this was likely to affect employment growth in Kempsey Shire and the relevant catchment areas in the short to medium term.

6.2.1 Economic Outlook

The NSW economy, like the broader Australian economy, had shown strong signs of recovery in the months following the first COVID-19 wave. However, the recovery was interrupted by the outbreak of the Delta variant and threats of the Omicron variant of the COVID-19. In particular, the Delta variant saw the reintroduction of extended lockdowns resulting in declining consumer and business confidence.

In their statement on monetary policy released in November 2021, the Reserve Bank of Australia, highlighted the economy was on track for a robust recovery expansion prior to the Delta variant outbreak. Although the vaccine rollout in NSW and Australia more broadly has picked up momentum, much of the world is still facing high case numbers. The RBA statement reflected the deteriorating global economic conditions and its impact on the Australian economy in the short to medium term horizon. The RBA statement provided forecasting detailing the likely impact of COVID-19 (delta variant) on key macroeconomic variables.

The conditions impacting the Australian economy are also anticipated to significantly impact the economic and employment growth in Kempsey Shire over the short-term.

Table 39 below outlines forecasted key economic indicators as published by the Reserve Bank of Australia in November 2021.

Table 39 - RBA Economic Outlook, November 2021 (Source: RBA (2021))

	June 2021	Dec 2021	June 2022	Dec 2022	June 2023	Dec 2023
GDP Growth	9.6%	3.0%	4.0%	5.5%	3.25%%	2.5%
Unemployment Rate	5.1%	4.75%	4.5%	4.25%	4.25%	4.0%
CPI Inflation	3.8%	3.25%	2.75%	2.25%	2.25%	2.5%

6.2.2 Economy.ID Employment Data

As discussed in Section 2.4, Informed Decisions (Economic Profile) published employment data in late 2020 that reflected the impact of COVID-19 on the Kempsey Shire economy. According to the Informed Decisions data, total employment within Kempsey Shire in the September Quarter 2020 declined by 6.1% compared to September Quarter 2019, with the largest impact in the accommodation and food services, arts and recreation and retail trade industry sectors.

Table 40 - Employment by industry, Kempsey Shire, September Quarter 2020 (Source: Source: Economy.ID (2020))

Industry Sector	September Quarter 2020
Agriculture, Forestry and Fishing	124
Mining	-9
Manufacturing	-78
Electricity, Gas, Water and Waste Services	-7
Construction	-293
Wholesale Trade	-13
Retail Trade	-62
Accommodation and Food Services	-345
Transport, Postal and Warehousing	-50
Information Media and Telecommunications	-8
Financial and Insurance Services	-7
Rental, Hiring and Real Estate Services	-3
Professional, Scientific and Technical Services	-52
Administrative and Support Services	-10
Public Administration and Safety	43

Industry Sector	September Quarter 2020
Education and Training	58
Health Care and Social Assistance	109
Arts and Recreation Services	-26
Other Services	-40
Total	**669 (6.1%)**

6.2.2.1 Projection Scenarios

The baseline employment projections (See Section 6.1) and rebased employment projections (See Section 6.2) were based on data published in prior to the global COVID-19 pandemic. Consequently, the estimates provided did not reflect changes in the global and domestic economic conditions in the short to medium term.

The RBA economic outlook indicators have been used to inform anticipated changes in employment growth in Kempsey Shire in the short to medium term as outlined in section 6.3.1. The adjusted employment growth rates in Kempsey Shire will be used to prepare employment projections under two COVID-19 influenced scenarios, which are as follows:

- **Scenario One:** the rate of employment growth in the 2016-21 period is assumed to halve for all industry sectors. Overall, this represents the employment growth rate decreasing from 2.0% per annum (under the baseline projection) to 1.0% per annum (or approximately half of anticipated growth) in the 2016-21 period. In the 2021-26 period, there will be a recovery in the economy and hence a recovery in the outlook for employment growth in Kempsey Shire (overall growth of 2.6% or double that forecast by Transport for NSW). The growth rates post 2026 will be consistent with the Transport for NSW projections for Kempsey Shire;
- **Scenario Two:** The rate of employment growth in the 2016-21 period is assumed to grow at quarter of the Transport for NSW growth rate for all industry sectors. This represents the employment growth rate decreasing from 2.0% per annum (under the baseline projection) to 0.5% per annum in the 2016-21 period. In the 2021-26 period, there will be a recovery in the economy and hence jobs outlook in Kempsey (overall growth of 1.9% or 1.5 times higher than forecast by Transport for NSW). The growth rates post 2026 will be consistent with the Transport for NSW projections for Kempsey Shire.

The accommodation and food services and retail trade sectors were particularly hard hit by COVID-19 in terms of employment, due to the restrictions which ultimately impacted their ability to operate. Between September Quarter 2019 and September Quarter 2020 (see Table 40), employment within these sectors fell as follows:

- Accommodation and food services: Employment declined by 345 persons;
- Construction: Employment declined by 293 persons; and
- Retail Trade: Employment declined by 62 persons.

Our analysis assumes that employment levels did not fall further for the remainder of 2020. Employment within the accommodation and food services, construction services and retail trade sectors has been assumed to return to 90% of pre-COVID-19 levels by 2026.

Table 41 below outlines the anticipated impact of COVID-19 on employment growth in Kempsey Shire in the short to medium term.

Table 41 - Change in Employment Growth due to COVID-19, 2020-2021 to 2036-2041 (Source: Source: RBA (2021))

	2020-2021	2021-26	2026-31	2031-36	2036-41
Baseline (Transport for NSW)	2.0%	1.3%	1.3%	1.2%	0.9%
Scenario One	1.0%	2.6%	1.3%	1.2%	0.9%
Scenario Two	0.5%	1.9%	1.3%	1.2%	0.9%

6.2.3 Full Time and Part Time Employment Trends

As detailed in Section 2.3.4, the incidence of full time employed persons has decreased by 1.1% in the 2011 to 2016 period. Over the last two Censuses, the most significant shift in the incidence of full-time employment occurred in the wholesale trade sector, which experienced 38.7% increase in full-time employment. The arts and recreation and rental, hiring and real estate services industries also experienced noticeable decrease in the incidence of full-time employment between 2011 and 2016.

In projecting the split of full time and part time employment within Kempsey Shire, the analysis has assumed that the change in the incidence of full time and part time employment continues to occur at the same rate as between the last two Censuses for the 2020 to 2026 period, with the rate of change moderated in the longer term (2026 to 2041 period) for both Scenario One and Scenario Two.

The same approach was undertaken in splitting full-time and part-time employment for the catchment areas, Appendix C provides the incidence of full-time employment by catchment area.

Table 42 - Change in the incidence of full-time employment, Kempsey Shire, 2011 and 2016 (Source: Source: ABS Census (2011 and 2016))

	2010-11	2015-16	Change (2010-11 to 2019-20)
Agriculture, Forestry and Fishing	65.2%	61.4%	-3.8%
Mining	-	100.0%	100.0%
Manufacturing	81.2%	74.2%	-7.0%
Electricity, Gas, Water and Waste Services	90.8%	90.1%	-0.6%
Construction	78.2%	77.4%	-0.8%
Wholesale Trade	68.2%	85.9%	17.7%
Retail Trade	43.7%	46.2%	2.5%
Accommodation and Food Services	35.0%	35.2%	0.2%
Transport, Postal and Warehousing	68.9%	65.8%	-3.1%
Information Media and Telecommunications	70.3%	31.6%	-38.7%
Financial and Insurance Services	63.2%	66.0%	2.8%
Rental, Hiring and Real Estate Services	62.1%	71.1%	9.0%
Professional, Scientific and Technical Services	60.2%	56.3%	-3.9%
Administrative and Support Services	49.3%	44.1%	-5.2%
Public Administration and Safety	82.2%	82.6%	0.4%
Education and Training	55.3%	53.3%	-2.0%
Health Care and Social Assistance	49.8%	47.5%	-2.3%
Arts and Recreation Services	43.9%	53.8%	10.0%
Other Services	66.4%	63.5%	-2.8%
Total	58.6%	57.5%	-1.1%

6.3 Scenario One

6.3.1 Projected Total Employment

Under Scenario One, total employment in Kempsey Shire is anticipated to increase from 9,042 persons in 2020 to 14,328 persons in 2041. This represents an increase of 5,286 workers in Kempsey Shire by 2041, or an average annual growth rate of 2.3% per annum over the projection period.

Table 42 below presents total projections for Kempsey Shire under Scenario One from 2020 to 2041, with Appendix E providing projections at the two-digit ANZSIC level.

Table 43 - Employment Projections for Kempsey Shire, Scenario One, 2020 to 2041 (Source: Source: Bull & Bear Economics))

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Agriculture, Forestry and Fishing	521	571	597	602	600	587	0.6%
Mining	19	17	17	18	19	20	0.4%
Manufacturing	0	0	0	0	0	0	-
Electricity, Gas, Water and Waste Services	65	74	81	84	88	92	1.8%
Construction	1,099	1,135	1,278	1,355	1,437	1,505	1.6%
Wholesale Trade	101	124	137	144	153	160	2.3%
Retail Trade	848	1,163	1,436	1,517	1,610	1,686	3.5%
Accommodation and Food Services	611	934	1,198	1,289	1,383	1,454	4.4%
Transport, Postal and Warehousing	468	497	557	595	630	662	1.8%
Information Media and Telecommunications	19	18	20	22	23	25	1.3%
Financial and Insurance Services	105	129	146	158	170	180	2.7%
Rental, Hiring and Real Estate Services	106	143	174	192	205	218	3.7%
Professional, Scientific and Technical Services	300	358	412	443	473	500	2.6%
Administrative and Support Services	321	364	407	436	461	486	2.1%
Public Administration and Safety	696	847	977	1,040	1,111	1,170	2.6%
Education and Training	879	1,110	1,330	1,485	1,589	1,665	3.2%
Health Care and Social Assistance	1,809	1,757	1,975	2,106	2,255	2,369	1.4%
Arts and Recreation Services	109	92	106	113	121	129	0.8%
Other Services	327	383	432	459	486	510	2.3%
Total	**9,042**	**10,367**	**12,013**	**12,844**	**13,667**	**14,328**	**2.3%**

With respect to the catchment areas, Scenario One employment projections indicate employment is anticipated to highest growth in the South Kempsey/Crescent Head – Kundabung catchment area followed by South West Rocks – Jerseyville catchment area. However, the East/ West Kempsey catchment is anticipated to contain the highest employment figure by 2041 (increasing to 4,804 workers).

Table 44 below presents total projections for the catchment areas under Scenario One from 2020 to 2041, Appendix E provides a breakdown of employment projections by catchment area at the two-digit level.

Table 44 - Employment Projections by Catchment Area, Scenario One, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Frederickton and District	845	876	993	1,055	1,121	1,173	1.7%
Aldavilla - Euroka - Yarravel	534	614	704	751	799	839	2.3%
South Kempsey/Crescent Head - Kundabung	2,531	3,022	3,545	3,823	4,076	4,280	2.7%
East Kempsey/West Kempsey - Greenhill	3,024	3,453	4,016	4,284	4,570	4,804	2.3%
Rural West - Bellbrook	190	218	232	248	258	264	1.7%
Stuarts Point and District	383	434	473	494	512	523	1.6%

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Smithtown - Gladstone and District	558	586	674	717	763	799	1.8%
South West Rocks - Jerseyville	977	1,164	1,376	1,471	1,567	1,645	2.6%
Kempsey Shire	**9,042**	**10,367**	**12,013**	**12,844**	**13,667**	**14,328**	**2.3%**

6.3.1.1 Full- Time Employment

Full-time employment in Kempsey Shire is anticipated to increase from 4,876 persons in 2020 to 6,524 persons in 2041, representing an annual growth rate of 1.5% per annum over the projection period. Full time employment growth is anticipated to be highest in the retail trade and education and training sectors in the 2020 to 2041 period.

Table 45 below presents full-time employment projections for Kempsey Shire under Scenario One from 2020 to 2041, with Appendix E providing projections at the two-digit ANZSIC level.

Table 45 - Full – Time Employment Projections for Kempsey Shire, Scenario One, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Agriculture, Forestry and Fishing	334	382	379	381	378	369	0.5%
Mining	0	0	0	0	0	0	-
Manufacturing	0	0	0	0	0	0	-
Electricity, Gas, Water and Waste Services	58	65	72	75	79	82	1.8%
Construction	724	652	651	658	690	724	0.0%
Wholesale Trade	92	116	131	140	151	158	2.7%
Retail Trade	419	605	787	859	925	971	4.3%
Accommodation and Food Services	189	300	412	458	495	520	5.2%
Transport, Postal and Warehousing	285	275	277	269	269	279	-0.1%
Information Media and Telecommunications	2	0	0	0	0	0	-100.0%
Financial and Insurance Services	70	80	81	83	86	89	1.2%
Rental, Hiring and Real Estate Services	78	110	132	145	154	164	3.8%
Professional, Scientific and Technical Services	132	141	142	136	137	142	0.4%
Administrative and Support Services	138	147	153	157	163	171	1.1%
Public Administration and Safety	575	693	780	813	860	903	2.3%
Education and Training	466	595	721	814	873	916	3.4%
Health Care and Social Assistance	658	467	386	304	269	268	-4.4%
Arts and Recreation Services	65	56	66	73	77	81	1.1%
Other Services	191	189	182	167	163	167	-0.7%
Total	**4,876**	**5,274**	**5,791**	**5,988**	**6,257**	**6,524**	**1.5%**

Under Scenario One employment projections indicate full-time employment is anticipated to be highest in the South Kempsey/Crescent Heads – Kundabung followed by East/West Kempsey catchment areas. Interestingly, the Frederickton and District catchment area is anticipated to record a decline in full-time employment over the projection period.

Table 46 below presents total full-time projections for the catchment areas under Scenario One from 2020 to 2041, Appendix E provides a breakdown of employment projections by catchment area at the two-digit level.

Table 46 - Full – Time Employment Projections for the Catchment Areas, Scenario One, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Av. Ann. Growth, 2020-41
Frederickton and District	341	272	285	301	313	322	-0.3%
Aldavilla - Euroka - Yarravel	337	395	444	477	515	545	2.4%
South Kempsey/Crescent Head - Kundabung	1,437	1,578	1,715	1,783	1,870	1,957	1.6%
East Kempsey/West Kempsey - Greenhill	1,535	1,571	1,618	1,556	1,568	1,624	0.3%
Rural West - Bellbrook	109	132	145	152	157	160	1.9%
Stuarts Point and District	221	252	266	278	288	293	1.4%
Smithtown - Gladstone and District	357	365	411	424	441	458	1.3%
South West Rocks - Jerseyville	539	709	907	1,017	1,105	1,165	3.9%
Kempsey Shire	**4,876**	**5,274**	**5,791**	**5,988**	**6,257**	**6,524**	**1.5%**

6.3.1.2 Part – Time Employment

Part-time employment in Kempsey Shire is anticipated to increase from 4,166 persons in 2020 to 7,804 persons in 2041, representing an annual growth rate of 3.2% per annum over the projection period. Part time employment growth is anticipated to be highest in the accommodation and food services and health and care and social assistance sectors in the 2020 to 2041 period.

Table 47 below details the part-time employment projections for Kempsey Shire under Scenario One from 2020 to 2041, with Appendix E providing projections at the two-digit ANZSIC level.

Table 47 - Part – Time Employment Projections for Kempsey Shire, Scenario One, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Agriculture, Forestry and Fishing	187	190	218	221	222	218	0.8%
Mining	19	17	17	18	19	20	0.4%
Manufacturing	0	0	0	0	0	0	-
Electricity, Gas, Water and Waste Services	7	9	9	9	9	9	1.5%
Construction	375	482	627	698	747	781	3.7%
Wholesale Trade	9	8	5	4	3	2	-6.8%
Retail Trade	429	558	649	658	686	715	2.6%
Accommodation and Food Services	422	634	786	831	888	934	4.1%
Transport, Postal and Warehousing	183	222	279	326	361	383	3.8%
Information Media and Telecommunications	17	18	20	22	23	25	1.9%
Financial and Insurance Services	35	49	64	74	84	92	4.9%
Rental, Hiring and Real Estate Services	28	33	42	47	51	54	3.3%
Professional, Scientific and Technical Services	167	218	270	307	337	358	3.9%
Administrative and Support Services	184	217	254	279	298	316	2.7%
Public Administration and Safety	121	154	197	227	251	267	4.0%
Education and Training	413	515	610	671	716	749	3.0%
Health Care and Social Assistance	1,151	1,290	1,589	1,802	1,985	2,101	3.1%
Arts and Recreation Services	44	36	40	40	44	47	0.4%
Other Services	136	194	251	292	323	343	4.7%

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Total	**4,166**	**5,094**	**6,223**	**6,857**	**7,410**	**7,804**	**3.2%**

Under Scenario One, employment projections indicate part-time employment is anticipated to be highest in the South Kempsey/Crescent Heads – Kundabung followed by East/West Kempsey catchment areas. Conversely, the South West Rocks – Jerseyville catchment area is anticipated to record the lowest growth rate over the projection period compared to the other catchment areas.

Table 48 below presents total part-time projections for the catchment areas under Scenario One from 2020 to 2041, Appendix E provides a breakdown of employment projections by catchment area at the two-digit level.

Table 48 - Part – Time Employment Projections for the Catchment Areas, Scenario One, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Frederickton and District	504	604	709	755	808	851	2.7%
Aldavilla - Euroka - Yarravel	197	219	260	274	285	294	2.0%
South Kempsey/Crescent Head - Kundabung	1,094	1,444	1,829	2,040	2,207	2,323	3.8%
East Kempsey/West Kempsey - Greenhill	1,489	1,882	2,399	2,728	3,002	3,180	3.9%
Rural West - Bellbrook	80	86	87	96	101	104	1.3%
Stuarts Point and District	162	182	208	217	224	230	1.8%
Smithtown - Gladstone and District	201	221	263	293	321	341	2.7%
South West Rocks - Jerseyville	438	454	468	455	463	481	0.5%
Kempsey Shire	**4,166**	**5,094**	**6,223**	**6,857**	**7,410**	**7,804**	**3.2%**

6.4 Scenario Two

6.4.1 Projected Total Employment

Under Scenario Two, total employment in Kempsey Shire is anticipated to increase from 9,042 persons in 2020 to 13,815 persons in 2041. This represents an increase of 4,773 workers in Kempsey Shire by 2041, or an average annual growth rate of 2.1% per annum over the projection period.

Table 49 below presents total projections for Kempsey Shire under Scenario Two from 2020 to 2041, with Appendix F providing projections at the two-digit ANZSIC level.

Table 49 - Employment Projections for Kempsey Shire, Scenario Two, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Agriculture, Forestry and Fishing	521	570	590	595	594	580	0.5%
Mining	19	17	17	18	19	20	0.3%
Manufacturing	0	0	0	0	0	0	-
Electricity, Gas, Water and Waste Services	65	74	78	81	85	89	1.6%
Construction	1,099	1,116	1,230	1,307	1,386	1,453	1.4%
Wholesale Trade	101	123	130	138	147	153	2.1%
Retail Trade	848	1,158	1,386	1,465	1,555	1,628	3.3%

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Accommodation and Food Services	611	911	1,160	1,248	1,338	1,408	4.3%
Transport, Postal and Warehousing	468	495	535	573	607	638	1.6%
Information Media and Telecommunications	19	18	19	21	22	24	1.2%
Financial and Insurance Services	105	129	140	152	164	174	2.5%
Rental, Hiring and Real Estate Services	106	143	168	185	198	211	3.5%
Professional, Scientific and Technical Services	300	337	397	427	456	482	2.4%
Administrative and Support Services	321	356	394	421	446	470	1.9%
Public Administration and Safety	696	826	912	982	1,049	1,111	2.4%
Education and Training	879	1,087	1,279	1,429	1,530	1,604	3.1%
Health Care and Social Assistance	1,809	1,742	1,897	2,026	2,169	2,280	1.2%
Arts and Recreation Services	109	92	102	109	117	124	0.6%
Other Services	327	377	416	442	468	492	2.1%
Total	**9,042**	**10,216**	**11,557**	**12,376**	**13,168**	**13,815**	**2.1%**

With respect to the catchment areas, Scenario Two employment projections indicate employment is anticipated to be highest growth in the South Kempsey/Crescent Head – Kundabung (growth rate of 2.5% per annum) followed by South West Rocks – Jerseyville (growth rate of 2.5% per annum) catchment areas. However, the East/ West Kempsey catchment is anticipated to contain the highest employment figure by 2041 (increasing to 1,607 workers).

Table 50 below presents total projections for the catchment areas under Scenario Two from 2020 to 2041, Appendix F provides a breakdown of employment projections by catchment area at the two-digit level.

Table 50 - Full – Time Employment Projections for the Catchment Areas, Scenario Two, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Frederickton and District	845	872	958	1,017	1,080	1,131	1.5%
Aldavilla - Euroka - Yarravel	534	611	615	680	725	772	1.9%
South Kempsey/Crescent Head - Kundabung	2,531	3,007	3,418	3,686	3,930	4,126	2.5%
East Kempsey/West Kempsey - Greenhill	3,024	3,436	3,872	4,130	4,406	4,632	2.2%
Rural West - Bellbrook	190	113	227	239	248	255	1.5%
Stuarts Point and District	383	437	491	513	532	542	1.8%
Smithtown - Gladstone and District	558	583	650	692	735	771	1.6%
South West Rocks - Jerseyville	977	1,158	1,327	1,419	1,511	1,586	2.5%
Kempsey Shire	**9,042**	**10,216**	**11,557**	**12,376**	**13,168**	**13,815**	**2.1%**

6.4.1.1 Full- Time Employment

Full-time employment projections under Scenario Two anticipate employment in Kempsey Shire increase from 4,876 persons in 2020 to 6,284 persons in 2041, representing an annual growth rate of 1.3% per annum over the projection period. Full time employment growth is anticipated to be highest in the retail trade and education and training sectors in the 2020 to 2041 period.

Table 51 below presents full-time employment projections for Kempsey Shire under Scenario Two from 2020 to 2041, with Appendix F providing projections at the two-digit ANZSIC level.

Table 51 - Full – Time Employment Projections for Kempsey Shire, Scenario Two, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Agriculture, Forestry and Fishing	334	372	362	367	369	363	0.4%
Mining	0	0	0	0	0	0	-
Manufacturing	0	0	0	0	0	0	-
Food Product Manufacturing	293	242	253	262	278	294	0.0%
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	-
Textile, Leather, Clothing and Footwear Manufacturing	15	31	35	37	41	44	5.6%
Wood Product Manufacturing	31	43	42	43	46	50	2.4%
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	-
Printing (including the Reproduction of Recorded Media)	3	1	0	0	0	0	-100.0%
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	-
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	-
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	-
Non-Metallic Mineral Product Manufacturing	8	7	8	9	9	10	1.1%
Primary Metal and Metal Product Manufacturing	8	9	9	10	11	12	2.0%
Fabricated Metal Product Manufacturing	17	30	33	35	38	40	4.4%
Transport Equipment Manufacturing	6	9	8	9	10	11	3.2%
Machinery and Equipment Manufacturing	1	0	0	0	0	0	-100.0%
Furniture and Other Manufacturing	20	27	30	32	36	39	3.5%
Electricity, Gas, Water and Waste Services	58	65	69	73	76	79	1.6%
Construction	724	617	603	631	670	703	-0.1%
Wholesale Trade	92	118	127	136	145	152	2.5%
Retail Trade	419	602	757	827	891	936	4.1%
Accommodation and Food Services	189	286	397	440	476	501	5.0%
Transport, Postal and Warehousing	285	262	255	251	258	269	-0.3%
Information Media and Telecommunications	2	0	0	0	0	0	-100.0%
Financial and Insurance Services	70	76	74	76	80	85	1.0%
Rental, Hiring and Real Estate Services	78	110	128	140	149	158	3.6%
Professional, Scientific and Technical Services	132	137	134	130	131	136	0.2%
Administrative and Support Services	138	146	149	152	158	166	0.9%
Public Administration and Safety	575	669	721	763	808	854	2.0%
Education and Training	466	592	703	787	842	883	3.2%
Health Care and Social Assistance	658	458	368	292	260	259	-4.6%
Arts and Recreation Services	65	56	64	69	74	78	0.9%
Other Services	191	180	165	156	155	161	-0.9%
Total	**4,876**	**5,144**	**5,496**	**5,727**	**6,010**	**6,284**	**1.3%**

Under Scenario Two employment projections indicate full-time employment is anticipated to be highest in the South Kempsey/Crescent Heads – Kundabung followed by East/West Kempsey catchment areas. Interestingly, the Frederickton and District catchment area is anticipated to record a decline in full-time employment over the projection period.

Table 52 below presents total full-time projections for the catchment areas under Scenario Two from 2020 to 2041, Appendix F provides a breakdown of employment projections by catchment area at the two-digit level

Table 52 - Full – Time Employment Projections for the Catchment Areas, Scenario Two, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Frederickton and District	341	267	270	286	300	310	-0.5%
Aldavilla - Euroka - Yarravel	337	400	398	438	469	502	2.0%
South Kempsey/Crescent Head - Kundabung	1,437	1,531	1,605	1,697	1,798	1,885	1.4%
East Kempsey/West Kempsey - Greenhill	1,535	1,551	1,548	1,493	1,509	1,565	0.1%
Rural West - Bellbrook	109	78	142	147	151	154	1.7%
Stuarts Point and District	221	249	266	280	295	303	1.6%
Smithtown - Gladstone and District	357	363	394	406	424	441	1.1%
South West Rocks - Jerseyville	539	706	874	980	1,065	1,123	3.7%
Kempsey Shire	**4,876**	**5,144**	**5,496**	**5,727**	**6,010**	**6,284**	**1.3%**

6.4.1.2 Part – Time Employment

Full-time employment in Kempsey Shire is anticipated to increase from 4,166 persons in 2020 to 7,531 persons in 2041, representing an annual growth rate of 3.0% per annum over the projection period. Part-time employment growth is anticipated to be highest in the retail trade and education and training sectors in the 2020 to 2041 period. Part-time employment projections are anticipated to increase at more than double the rate of full-time employment growth.

Table 53 below presents full-time employment projections for Kempsey Shire under Scenario Two from 2020 to 2041, with Appendix E providing projections at the two-digit ANZSIC level.

Table 53 - Part – Time Employment Projections for Kempsey Shire, Scenario Two, 2020 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Agriculture, Forestry and Fishing	187	199	228	229	225	217	0.7%
Mining	19	17	17	18	19	20	0.3%
Manufacturing	0	0	0	0	0	0	-
Electricity, Gas, Water and Waste Services	7	8	8	9	9	9	1.3%
Construction	375	499	627	677	716	750	3.5%
Wholesale Trade	9	5	4	2	2	2	-7.3%
Retail Trade	429	556	629	638	664	692	2.4%
Accommodation and Food Services	422	625	763	808	863	906	3.9%
Transport, Postal and Warehousing	183	233	280	322	349	369	3.6%
Information Media and Telecommunications	17	18	19	21	22	24	1.7%
Financial and Insurance Services	35	52	67	76	83	89	4.8%
Rental, Hiring and Real Estate Services	28	33	40	46	50	53	3.2%
Professional, Scientific and Technical Services	167	201	262	297	325	345	3.7%
Administrative and Support Services	184	210	245	269	288	304	2.6%
Public Administration and Safety	121	157	192	219	241	257	3.8%

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Education and Training	413	495	576	643	687	721	2.8%
Health Care and Social Assistance	1,151	1,285	1,529	1,734	1,909	2,021	2.9%
Arts and Recreation Services	44	36	38	40	43	46	0.2%
Other Services	136	198	251	286	313	331	4.5%
Total	**4,166**	**5,073**	**6,061**	**6,650**	**7,158**	**7,531**	**3.0%**

Under Scenario Two, part-time employment projections anticipate employment to be highest in the South Kempsey/Crescent Heads – Kundabung followed by East/West Kempsey catchment areas. Consistently with Scenario One, the South West Rocks – Jerseyville catchment area is anticipated to record the lowest growth rate over the projection period compared to the other catchment areas.

Table 54 below presents total part-time projections for the catchment areas under Scenario One from 2020 to 2041, Appendix F provides a breakdown of employment projections by catchment area at the two-digit level

Table 54 - Part – Time Employment Projections for the Catchment Areas, Scenario Two, 2020 to 2041 (Source: Bull & Bear Economics)

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Frederickton and District	504	605	688	731	781	821	2.5%
Aldavilla - Euroka - Yarravel	197	211	218	243	256	270	1.6%
South Kempsey/Crescent Head - Kundabung	1,094	1,475	1,813	1,989	2,132	2,241	3.7%
East Kempsey/West Kempsey - Greenhill	1,489	1,885	2,324	2,637	2,898	3,066	3.7%
Rural West - Bellbrook	80	36	85	92	97	100	1.1%
Stuarts Point and District	162	188	225	233	237	239	2.0%
Smithtown - Gladstone and District	201	221	256	285	311	329	2.5%
South West Rocks - Jerseyville	438	451	453	439	446	463	0.3%
Kempsey Shire	**4,166**	**5,073**	**6,061**	**6,650**	**7,158**	**7,531**	**3.0%**

7 PROJECTED DEMAND BY LAND USE TYPE

This section of the report estimates the projected demand for various land uses within Kempsey Shire, utilising the employment projections presented in the previous section of the report as a key input. This chapter assesses the demand for the following land use types:

- Industrial land;
- Commercial office floor space; and
- Retail floor space.

7.1 Projected Industrial Land Demand

7.1.1 Sectors Utilising Industrial Land

Industrial land demand projections in this report are based on employment projections for Kempsey Shire for industry sectors which require industrial land. Typically, the key industry sectors which are broadly considered to locate in industrial areas include:

- Manufacturing;
- Transport and storage; and
- Wholesale trade.

Industrial activity can be classified into four main categories, these being:

- Large Footprint & General Industry: metal fabrication, welding shops, food & beverage manufacturing, cement and concrete product manufacturing, large machinery repair, etc;
- Service Industry: construction services, printers, locksmiths, canvas repair, etc;
- Warehousing & Storage: landscape supplies, storage units, equipment hire, etc; and
- Transport uses: truck and agricultural machinery sales and servicing, road transport depots, tyre sales, etc.

Table 55 - Two Digit ANZSIC Sectors within Each Industrial Land Use Category (Source: Bull & Bear Economics (2021))

	Sector
Large Footprint and General Industry	▪ Beverage and Tobacco Product Manufacturing ▪ Food Product Manufacturing ▪ Wood Product Manufacturing ▪ Pulp, Paper and Converted Paper Product Manufacturing ▪ Petroleum and Coal Product Manufacturing ▪ Basic Chemical and Chemical Product Manufacturing ▪ Polymer Product and Rubber Product Manufacturing ▪ Non-Metallic Mineral Product Manufacturing ▪ Primary Metal and Metal Product Manufacturing ▪ Machinery and Equipment Manufacturing ▪ Fabricated Metal Product Manufacturing ▪ Transport Equipment Manufacturing ▪ Furniture and Other Manufacturing
Service Industry	▪ Textile, Leather, Clothing and Footwear Manufacturing ▪ Printing (including the Reproduction of Recorded Media)

	Sector
	▪ Publishing (except Internet and Music Publishing) ▪ Construction Services ▪ Repair and Maintenance
Warehousing and Storage	▪ Basic Material Wholesaling ▪ Machinery and Equipment Wholesaling ▪ Motor Vehicle and Motor Vehicle Parts Wholesaling ▪ Grocery, Liquor and Tobacco Product Wholesaling ▪ Other Goods Wholesaling ▪ Warehousing and Storage Services
Transport Uses	▪ Basic Material Wholesaling ▪ Machinery and Equipment Wholesaling ▪ Motor Vehicle and Motor Vehicle Parts Wholesaling ▪ Grocery, Liquor and Tobacco Product Wholesaling ▪ Other Goods Wholesaling ▪ Warehousing and Storage Services

7.1.2 Projected Employment by Industry Type

For conciseness, projected industrial employment in the body of the report is summarised by industrial land use category, with industrial employment estimates at the two-digit ANZSIC level presented in Appendix E.

In estimating employment within industrial areas, typically a small allowance is made for non-industrial uses within industrial estates to service worker needs (e.g. cafes, workwear retailers and medical centres). For the purposes of this assessment, an allowance of 5% of total employment has been made for non-industrial uses.

The projected industrial employment estimates utilise the employment projections prepared in Section 6 of the report. Employment within industrial areas in Kempsey Shire is anticipated to increase as follows:

- **Scenario One:** increasing from 2,189 persons in 2020 to 2,880 persons in 2041; and
- **Scenario Two:** increasing from 2,189 persons in 2020 to 2,763 persons in 2041.

Under both scenarios, industrial employment growth is anticipated to be highest within the service industry sub-sector, whereas little growth is anticipated within the large footprint and general industry and transport uses sub-sectors.

Table 56 reports employment projections by industry type for Scenario One and Two in Kempsey Shire the 2020 to 2041 period with detailed employment projections at the two-digit ANZSIC level provided in Appendix E and F.

Table 56 - Employment Projections by Industry Type, Kempsey Shire, Scenario One and Two, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Scenario One						
Large Footprint and General Industry	617	603	682	730	790	845
Service Industry	858	874	941	952	965	984
Warehousing and Storage	106	127	138	144	154	160
Transport Uses	504	555	633	676	717	753
Non-Industrial Land Uses (5%)	104	108	120	125	131	137
Total	2,189	2,267	2,513	2,628	2,757	2,880
Scenario Two						
Large Footprint and General Industry	617	600	655	702	760	813

	2020	2021	2026	2031	2036	2041
Service Industry	858	830	858	872	900	939
Warehousing and Storage	105	125	131	138	147	154
Transport Uses	505	552	610	651	691	726
Non-Industrial Land Uses (5%)	104	105	113	118	125	132
Total	2,189	2,213	2,366	2,483	2,622	2,763

Within the Kempsey Shire catchment areas, industrial employment is anticipated to be highest in the South Kempsey/ Crescent Head - Kundabung catchment area, followed by Frederickton and District. Interestingly, industrial employment in the South Kempsey/ Crescent Head - Kundabung catchment area is anticipated to be highest in the transport uses sectors. However, service industry sectors are anticipated to account for the majority of industrial employment growth across the remaining catchment areas.

Table 57 reports total employment projections for industrial sectors for Scenario One and Two in the defined catchment areas the 2020 to 2041 period with detailed employment projections at the two-digit ANZSIC level provided in Appendix E and F.

Table 57 - Total Industrial Employment Projections, Kempsey Shire Catchment Areas, Scenario One and Two, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Scenario One						
South Kempsey/ Crescent Head – Kundabung	839	934	1,039	1,092	1,142	1,191
East Kempsey/ West Kempsey - Greenhill	221	250	281	300	320	338
Aldavilla - Euroka - Yarravel	128	133	142	144	148	153
Frederickton and District	427	452	534	585	634	670
Rural West - Bellbrook	18	14	15	17	18	19
Smithtown - Gladstone and District	315	285	314	328	347	365
South West Rocks - Jerseyville	200	179	164	137	121	116
Stuarts Point and District	41	22	24	26	27	29
Kempsey Shire	2,189	2,267	2,513	2,628	2,757	2,880
Scenario Two						
South Kempsey/ Crescent Head – Kundabung	839	916	989	1,034	1,089	1,145
East Kempsey/ West Kempsey - Greenhill	216	247	271	288	308	326
Aldavilla - Euroka - Yarravel	128	126	118	125	132	140
Frederickton and District	427	470	530	574	613	646
Rural West - Bellbrook	18	14	15	16	17	18
Smithtown - Gladstone and District	315	277	296	311	332	351
South West Rocks - Jerseyville	200	143	124	109	105	109
Stuarts Point and District	47	19	24	25	27	28
Kempsey Shire	2,189	2,213	2,366	2,483	2,622	2,763

7.1.3 Employment Densities

Employment projections are converted to net industrial land demand estimates based on employment density ratios (i.e. employment per hectare assumptions by two digit ANZSIC industry sector).

Table 58 summarises the range of employment densities assumed for each land use type, with detailed employment density ratios at the two-digit ANZSIC level outlined in Appendix H.

Table 58 - Assumed Employment Densities (employment per hectare) by Industry Sector (Source: Bull & Bear Economics (2021))

	Minimum	Maximum
Large Footprint and General Industry	20	35
Service Industry	25	45
Warehousing and Storage	5	35
Transport Uses	5	25

7.1.3.1 Industrial Land Demand

Based on the above assumptions, net industrial land demand within Kempsey Shire is projected to increase as follows:

- Scenario One: Net industrial land demand based is anticipated to decrease from 71.0 hectares in 2020 to 93.7 hectares in 2041; and
- Scenario Two: Net industrial land demand based on total employment projections is anticipated to decrease from 71.0 hectares in 2020 to 89.9 hectares in 2041.

Net industrial land demand the Scenario Two is anticipated to be 3.8 hectares lower than under Scenario One, with the most significant differences within the service industry sub-sector.

The net industrial land demand projections by industry type under each scenario are reported in Table 59Table 59.

Table 59 - Net Industrial Land Demand Projections by Industry Type (hectares), Kempsey Shire, Scenario One and Two, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Scenario One						
Large Footprint and General Industry	16.3	16.0	18.1	19.4	21.0	22.4
Service Industry	27.3	27.6	29.7	30.0	30.3	30.8
Warehousing and Storage	5.3	6.3	6.9	7.2	7.7	8.0
Transport Uses	18.8	20.6	23.5	25.2	26.7	28.0
Non-Industrial Land Uses (5%)	3.4	3.5	3.9	4.1	4.3	4.5
Total	71.0	74.1	82.1	85.8	89.9	93.7
Scenario Two						
Large Footprint and General Industry	16.3	15.9	17.4	18.6	20.2	21.6
Service Industry	27.3	26.2	27.0	27.4	28.2	29.4
Warehousing and Storage	5.3	6.2	6.5	6.9	7.4	7.7
Transport Uses	18.8	20.6	22.7	24.3	25.6	26.9
Non-Industrial Land Uses (5%)	3.4	3.4	3.7	3.9	4.1	4.3
Total	71.0	72.3	77.3	81.1	85.5	89.9

Within the Kempsey Shire catchment areas, industrial land demand is anticipated to be highest in the South Kempsey/Crescent Head - Kundabung catchment area with demand increasing from 29.3 hectares in 2020 to 40.6-42.2 hectares in 2041 under the two scenarios. Industrial land demand is anticipated to be highest for service industry sectors are anticipated to account for most of the industrial employment growth across the remaining catchment areas, with the exception of South Kempsey/ Crescent Head – Kundabung catchment area.

Table 60 reports total industrial land demand for Scenario One and Two in the defined catchment areas the 2020 to 2041 period with detailed employment projections at the two-digit ANZSIC level provided in Appendix E and F.

Table 60 - Total Industrial Land Demand, Kempsey Shire Catchment Areas, Scenario One and Two, 2020 to 2041 ((Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Scenario One						
South Kempsey/ Crescent Head – Kundabung	29.3	32.6	36.5	38.6	40.5	42.2
East Kempsey/ West Kempsey - Greenhill	7.4	8.4	9.4	10.0	10.7	11.3
Aldavilla - Euroka - Yarravel	4.4	4.5	4.9	4.9	5.1	5.2
Frederickton and District	13.0	13.8	16.3	17.8	19.2	20.2
Rural West - Bellbrook	0.6	0.5	0.5	0.5	0.6	0.6
Smithtown - Gladstone and District	8.6	7.8	8.5	8.7	9.2	9.6
South West Rocks - Jerseyville	6.5	5.9	5.4	4.5	4.0	3.8
Stuarts Point and District	1.3	0.6	0.7	0.7	0.8	0.8
Kempsey Shire	71.0	74.1	82.1	85.8	89.9	93.7
Scenario Two						
South Kempsey/ Crescent Head – Kundabung	29.3	32.2	35.0	36.7	38.7	40.6
East Kempsey/ West Kempsey - Greenhill	7.2	8.3	9.1	9.7	10.3	10.9
Aldavilla - Euroka - Yarravel	4.4	4.3	4.0	4.3	4.5	4.8
Frederickton and District	13.0	14.3	16.1	17.4	18.5	19.5
Rural West - Bellbrook	0.6	0.5	0.5	0.5	0.6	0.6
Smithtown - Gladstone and District	8.6	7.5	7.9	8.2	8.7	9.2
South West Rocks - Jerseyville	6.5	4.7	4.1	3.6	3.4	3.5
Stuarts Point and District	1.5	0.5	0.7	0.7	0.8	0.8
Kempsey Shire	71.0	72.3	77.3	81.1	85.5	89.9

Under Scenario One, net incremental industrial land demand (over and above 2020 levels) is projected to increase by 22.7 hectares by 2041, or by 1.1 hectares per annum.

Similarly, under Scenario Two, net incremental industrial land demand (over and above 2020 levels) is projected to increase by 19.0 hectares by 2041, or by approximately 0.9 hectare per annum. Growth in industrial land demand is almost entirely for service industry uses in Kempsey Shire in the 2021 to 2041 period.

The rate of growth in industrial land demand is higher under Scenario One, reflective of the less significant decline in employment in the 2020 to 2021 period associated with COVID-19 impacts. The projected net incremental industrial land demand by industry type under Scenario One and Scenario Two are reported in Table 61.

Table 61 - Projected Net Incremental Industrial Land Demand (hectares) (on 2020 Levels), Kempsey Shire, Scenario One and Two, 2021 to 2041 (Source: Bull & Bear Economics (2021))

	2021	2026	2031	2036	2041
Scenario One					
Large Footprint and General Industry	-0.3	1.8	3.1	4.7	6.2
Service Industry	0.3	2.3	2.6	3.0	3.5
Warehousing and Storage	1.1	1.6	1.9	2.4	2.7
Transport Uses	1.8	4.7	6.4	7.9	9.2
Non-Industrial Land Uses (5%)	0.1	0.5	0.7	0.9	1.1
Total	3.1	11.0	14.8	18.9	22.7

	2021	2026	2031	2036	2041
Scenario Two					
Large Footprint and General Industry	-0.4	1.1	2.4	3.9	5.3
Service Industry	-1.2	-0.3	0.1	0.9	2.1
Warehousing and Storage	1.0	1.3	1.7	2.1	2.4
Transport Uses	1.9	4.0	5.6	7.0	8.2
Non-Industrial Land Uses (5%)	0.1	0.3	0.5	0.7	0.9
Total	1.4	6.4	10.2	14.5	19.0

Within the Kempsey Shire catchment areas, incremental industrial land demand is anticipated to be highest in the South Kempsey/ Crescent Head - Kundabung catchment area with incremental demand anticipated to be 19.0-22.7ha in 2041 under the two scenarios. Incremental industrial land demand is anticipated to be highest for service industry sectors are anticipated to account for most of the industrial employment growth across the remaining catchment areas, except for South Kempsey/ Crescent Head – Kundabung catchment area where incremental demand is anticipated to be highest for Transport Use sectors. Despite the strong population growth projected for the South West Rocks – Jerseyville catchment area, industrial land demand is projected decline.

Table 62 reports total incremental industrial land demand for industrial sectors for Scenario One and Two in the defined catchment areas the 2020 to 2041 period with detailed employment projections at the two-digit ANZSIC level provided in Appendix E and F.

Table 62 - Total Projected Net Incremental Industrial Land Demand (hectares) (on 2020 Levels, Kempsey Shire Catchment Areas, Scenario One and Two, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2021	2026	2031	2036	2041
Scenario One					
South Kempsey/ Crescent Head – Kundabung	3.4	7.2	9.4	11.3	13.0
East Kempsey/ West Kempsey - Greenhill	0.9	2.0	2.6	3.3	3.9
Aldavilla - Euroka - Yarravel	0.2	0.5	0.6	0.7	0.9
Frederickton and District	0.8	3.3	4.8	6.2	7.2
Rural West - Bellbrook	-0.1	-0.1	0.0	0.0	0.0
Smithtown - Gladstone and District	-0.8	-0.1	0.2	0.6	1.0
South West Rocks - Jerseyville	-0.6	-1.1	-2.0	-2.5	-2.7
Stuarts Point and District	-0.7	-0.7	-0.6	-0.6	-0.5
Kempsey Shire	*3.1*	*11.0*	*14.8*	*18.9*	*22.7*
Scenario Two					
South Kempsey/ Crescent Head – Kundabung	3.0	5.7	7.5	9.4	11.4
East Kempsey/ West Kempsey - Greenhill	1.1	1.9	2.5	3.1	3.7
Aldavilla - Euroka - Yarravel	-0.1	-0.3	-0.1	0.1	0.4
Frederickton and District	1.3	3.1	4.4	5.5	6.5
Rural West - Bellbrook	-0.1	-0.1	0.0	0.0	0.0
Smithtown - Gladstone and District	-1.1	-0.7	-0.4	0.1	0.6
South West Rocks - Jerseyville	-1.8	-2.4	-2.9	-3.0	-2.9
Stuarts Point and District	-1.0	-0.8	-0.8	-0.7	-0.7
Kempsey Shire	*1.4*	*6.4*	*10.2*	*14.5*	*19.0*

7.2 Commercial Office Demand

7.2.1 Sectors Utilising Commercial Office Space

The demand for commercial office space has been estimated in terms of traditional office space. The sectors that traditionally utilise commercial office space at the two digit ANZSIC level are summarised in Table 63.

Table 63 - Two Digit ANZSIC Sectors Requiring Commercial Office Space (Source: Bull & Bear Economics (2021))

Single-Digit	Two Digit Sector
Financial and Insurance Services	Finance Insurance and Superannuation Funds Auxiliary Finance and Insurance Services
Professional, Scientific & Technical Services	Professional, Scientific & Technical Services (except Computer Systems Design & Related Services) Computer Systems Design & Related Services
Health Care & Social Assistance	Medical & Other Health Care Services
Rental, Hiring & Real Estate Services	Property Operators & Real Estate Services
Public Administration & Safety	Public Administration & Safety
Information Media & Telecommunications	Internet Publishing & Broadcasting Internet Service Providers, Web Search Portals & Data Processing Services
Administrative & Support Services	Administrative services

7.2.2 Projected Employment in Commercial Office Sectors

The sectors identified in Table 63 above are typically accommodated within commercial office space, with a proportion of employed persons also working from home. However, in the case of the medical and other health care services sector, employment can be accommodated in traditional commercial office space, within a home based setting (i.e. home based business) or within a hospital. The assessment has therefore assumed that 50% of employment (both full time and part time employment) within the medical and other health care services sector is accommodated either in traditional commercial office space or within a home based setting. Based on the employment projections generated in Section 6 of the report and the assumed adjustment for the medical and other health care services sector, total employment in commercial office sectors is anticipated to increase as follows:

- Scenario One: Total employment in commercial office sectors to increase from 1,779 persons in 2020 to 2,714 persons in 2041;
- Scenario Two: Total employment in commercial office sectors to increase from 1,779 persons in 2020 to 2,613 persons in 2041.

The public administration and safety, health care and social assistance and professional, scientific and technical services are anticipated to account for a large proportion of commercial sector employment.

Table 64 summarises the total employment in commercial office sectors between 2020 and 2041 under each scenario, with Appendix I providing a breakdown by full-time and part-time workers.

Table 64 - Projected Total Employment in Commercial Office Sectors, Kempsey Shire, Scenario One and Two, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Scenario One						
Financial Insurance Services	105	129	146	158	170	180
Professional, Scientific and Technical Services	300	358	412	443	473	500

	2020	2021	2026	2031	2036	2041
Health Care and Social Assistance	639	611	677	712	754	787
Rental, Hiring and Real Estate Services	93	127	156	175	188	201
Public Administration and Safety	438	524	593	627	670	707
Information Media and Telecommunications	0	0	0	0	0	0
Administrative and Support Services	204	239	277	306	322	339
Total	1,779	1,988	2,261	2,419	2,578	2,714
Scenario Two						
Financial Insurance Services	105	129	140	152	164	174
Professional, Scientific and Technical Services	300	356	397	427	456	482
Health Care and Social Assistance	639	599	643	678	722	758
Rental, Hiring and Real Estate Services	93	128	153	170	183	195
Public Administration and Safety	438	511	564	603	644	679
Information Media and Telecommunications	0	0	0	0	0	0
Administrative and Support Services	204	246	276	294	310	327
Total	1,779	1,969	2,173	2,323	2,478	2,613

Within the Kempsey Shire catchment areas, commercial employment is anticipated to be highest in the East Kempsey/ West Kempsey - Greenhill catchment area, followed by South West Rocks - Jerseyville. Employment in commercial sectors in the remaining catchment areas is anticipated to remain relatively low over the projection period.

Table 65 summarises the total employment in commercial office sectors between 2020 and 2041 under each scenario for each catchment areas, with Appendix I providing a breakdown by full-time and part-time workers.

Table 65 - Projected Total Employment in Commercial Office Sectors, Kempsey Shire Catchment Areas, Scenario One and Two, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Scenario One						
South Kempsey/ Crescent Head – Kundabung	68	76	82	86	94	101
East Kempsey/ West Kempsey - Greenhill	2,027	2,152	2,429	2,578	2,742	2,880
Aldavilla - Euroka - Yarravel	43	55	69	78	86	92
Frederickton and District	38	54	71	84	90	96
Rural West - Bellbrook	26	25	20	23	25	26
Smithtown - Gladstone and District	31	33	44	53	57	60
South West Rocks - Jerseyville	179	195	213	219	226	235
Stuarts Point and District	6	8	9	10	11	12
Kempsey Shire	*2,418*	*2,599*	*2,938*	*3,131*	*3,331*	*3,502*
Scenario Two						
South Kempsey/ Crescent Head – Kundabung	68	71	77	85	92	97
East Kempsey/ West Kempsey - Greenhill	2,027	2,152	2,429	2,578	2,742	2,880
Aldavilla - Euroka - Yarravel	43	60	64	73	79	85
Frederickton and District	38	62	75	82	88	93
Rural West - Bellbrook	26	19	20	22	24	26
Smithtown - Gladstone and District	31	38	48	51	55	58

	2020	2021	2026	2031	2036	2041
South West Rocks - Jerseyville	179	184	196	204	215	226
Stuarts Point and District	6	8	10	11	11	12
Kempsey Shire	*2,418*	*2,568*	*2,816*	*3,001*	*3,200*	*3,371*

7.2.3 Projected Employment Requiring Commercial Office Space

Not all employment in commercial office sectors will ultimately be accommodated in commercial office space, due to the increasing availability and affordability of home technologies and the expectation that working from home (or remote workplace arrangements) will become increasing popular, particularly in regional areas.

Table 66 below shows there was a decrease in the incidence of persons working from home in Kempsey Shire over the last two Censuses, however it has still remained relatively high. However, as previously indicated, there is a growing trend in the incidence of individuals working from home, especially in the post COVID-19 world. Hence, not all of those persons that are employed in commercial office sectors are anticipated to require commercial office space. The incidence of persons working from home within commercial office sectors has been higher than the overall average and increased at a faster rate between the 2011 and 2016 Censuses.

Table 66 summarises the incidence of persons working from home in commercial office sectors in Kempsey Shire between 2011 and 2016. Appendix J provides a summary incidence of persons working from home for the catchment areas.

Table 66 - Incidence of Persons Working from Home, Commercial Office Sectors, Kempsey Shire, 2011 and 2016 (Source: ABS Census (2011 and 2016))

	2011	2016	% Point Change, 2011-16
Internet Publishing and Broadcasting	-	-	-
Internet Service Providers, Web Search Portals and Data Processing Services	100.0%	0	-100.0%
Finance	8.5%	7.3%	-1.2%
Insurance and Superannuation Funds	0.0%	0.0%	0.0%
Auxiliary Finance and Insurance Services	12.0%	0.0%	-12.0%
Property Operators and Real Estate Services	8.6%	6.2%	-2.4%
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	18.5%	18.2%	-0.3%
Computer System Design and Related Services	50.0%	47.4%	-2.6%
Public Administration	0.7%	0.0%	-0.7%
Medical and Other Health Care Services	3.9%	3.1%	-0.8%
Administrative Services	2.8%	9.0%	6.3%
Total Commercial Sectors	7.4%	6.7%	-0.6%
Total Working From Home	6.5%	5.5%	-1.0%

Over time, it is anticipated that the incidence of persons within commercial office sectors that work from home will continue to increase. The assessment has assumed based on historic trends, the following changes in the incidence of persons working from home for Kempsey Shire:

- 2016 to 2026 period: The incidence of persons working from home in commercial office sectors continues to increase at 1.0% over each five-year time period; and
- 2026 to 2041 period: The incidence of persons working from home in commercial office sectors continues to increase at the slower rate of 0.5% over each five-year time period.

A similar approach was applied in undertaking the assessment for the catchment areas.

Based on the above assumptions, employment in commercial office sectors requiring commercial office space is anticipated to increase as follows:

- Scenario One: 1,672 persons in 2020 to 2,593 persons in 2041; and
- Scenario Two: 1,672 persons in 2020 to 2,496 persons in 2041.

Table 67 summarises the employment in sectors requiring commercial office floor space between 2020 and 2041 under each scenario, with Appendix I providing a breakdown by full-time and part-time workers.

Table 67 - Projected Total Employment in Sectors Requiring Commercial Office Floor Space, Kempsey Shire, Scenario One and Two, 2021 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Scenario One						
Financial Insurance Services	103	123	140	152	163	173
Professional, Scientific and Technical Services	272	325	384	413	441	466
Health Care and Social Assistance	608	582	653	687	727	760
Rental, Hiring and Real Estate Services	85	116	147	164	177	189
Public Administration and Safety	414	497	572	605	647	682
Information Media and Telecommunications	0	0	0	0	0	0
Administrative and Support Services	194	226	265	292	308	324
Total	1,672	1,869	2,161	2,311	2,462	2,593
Scenario Two						
Financial Insurance Services	100	122	135	146	157	167
Professional, Scientific and Technical Services	272	324	370	397	425	449
Health Care and Social Assistance	608	571	620	654	697	731
Rental, Hiring and Real Estate Services	85	117	143	160	172	182
Public Administration and Safety	414	487	545	581	621	655
Information Media and Telecommunications	0	0	0	0	0	0
Administrative and Support Services	194	231	263	280	296	312
Total	1,672	1,852	2,076	2,219	2,368	2,496

Employment in sectors requiring commercial office floorspace is anticipated to be highest in the East Kempsey/ West Kempsey - Greenhill catchment area, followed by South West Rocks - Jerseyville. Employment in commercial sectors in the remaining catchment areas is anticipated to remain relatively low over the projection period.

Table 68 summarises the employment in sectors requiring commercial office floor space between 2020 and 2041 within catchment areas under each scenario, with Appendix I providing a breakdown by full-time and part-time workers.

Table 68 - Projected Total Employment in Sectors Requiring Commercial Office Floor Space, Kempsey Shire Catchment Area, Scenario One and Two, 2021 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Scenario One						
South Kempsey/ Crescent Head – Kundabung	68	76	82	86	94	101
East Kempsey/ West Kempsey - Greenhill	2,027	2,152	2,429	2,578	2,742	2,880
Aldavilla - Euroka - Yarravel	43	55	69	78	86	92

	2020	2021	2026	2031	2036	2041
Frederickton and District	38	54	71	84	90	96
Rural West - Bellbrook	26	25	20	23	25	26
Smithtown - Gladstone and District	31	33	44	53	57	60
South West Rocks - Jerseyville	179	195	213	219	226	235
Stuarts Point and District	6	8	9	10	11	12
Kempsey Shire	*2,418*	*2,599*	*2,938*	*3,131*	*3,331*	*3,502*
Scenario Two						
South Kempsey/ Crescent Head – Kundabung	68	71	77	85	92	97
East Kempsey/ West Kempsey - Greenhill	2,027	2,152	2,429	2,578	2,742	2,880
Aldavilla - Euroka - Yarravel	43	60	64	73	79	85
Frederickton and District	38	62	75	82	88	93
Rural West - Bellbrook	26	19	20	22	24	26
Smithtown - Gladstone and District	31	38	48	51	55	58
South West Rocks - Jerseyville	179	184	196	204	215	226
Stuarts Point and District	6	8	10	11	11	12
Kempsey Shire	*2,418*	*2,568*	*2,816*	*3,001*	*3,200*	*3,371*

7.2.4 Projected Commercial Office Space Demand

To convert employment projections to commercial office floor space demand, the analysis has assumed average floor space provision of:

- Full time workers: 15 square metres per worker; and
- Part time workers: 10 square metres per worker, to reflect that in some instances, part time workers may not have a dedicated desk space (e.g. in job share arrangements).

Based on the above assumptions, commercial office floor space demand in Kempsey Shire is projected to increase as follows:

- Scenario One: Commercial office floor space demand to increase from 22,610sqm in 2020 to 32,316qm in 2041; and
- Scenario Two: Commercial office floor space demand to increase from 22,610sqm in 2020 to 31,150sqm in 2041.

Table 69 reports projected demand for commercial office floor space in Kempsey Shire under each scenario, with Appendix I providing a breakdown by full-time and part-time workers.

Table 69 - Projected Commercial Office Floor Space Demand (sqm), Kempsey Shire, Scenario One and Two, 2021 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth 2020-41
Scenario One							
Financial Insurance Services	1,403	1,694	1,864	1,995	2,126	2,248	845
Professional, Scientific and Technical Services	3,656	4,285	4,827	5,109	5,416	5,707	2,051
Health Care and Social Assistance	7,607	6,942	7,342	7,441	7,725	8,030	422
Rental, Hiring and Real Estate Services	1,279	1,772	2,176	2,419	2,609	2,781	1,502
Public Administration and Safety	6,118	7,261	8,175	8,608	9,186	9,677	3,559

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth 2020-41
Information Media and Telecommunications	-	-	-	-	-	-	-
Administrative and Support Services	2,546	2,900	3,283	3,555	3,731	3,918	1,372
Total	22,610	24,854	27,667	29,126	30,792	32,361	9,751
Scenario Two							
Financial Insurance Services	1,403	1,669	1,774	1,904	2,039	2,164	761
Professional, Scientific and Technical Services	3,656	4,247	4,638	4,914	5,212	5,497	1,841
Health Care and Social Assistance	7,607	6,794	6,961	7,079	7,395	7,724	117
Rental, Hiring and Real Estate Services	1,279	1,788	2,128	2,358	2,531	2,690	1,411
Public Administration and Safety	6,118	7,076	7,780	8,273	8,823	9,299	3,181
Information Media and Telecommunications	0	0	0	0	0	0	-
Administrative and Support Services	2,546	2,956	3,247	3,419	3,590	3,776	1,229
Total	22,610	24,530	26,526	27,946	29,591	31,150	8,541

Commercial office floorspace demand is anticipated to be highest in the East Kempsey/ West Kempsey - Greenhill catchment area, with demand increasing from 18,293sqm in 2020 to 24,243-25,175sqm in 2041. The South West Rocks – Jerseyville catchment is also anticipated to strong commercial office demand.

Table 70 summarises projected demand for commercial office floor space between 2020 and 2041 within catchment areas under each scenario, with Appendix I providing a breakdown by full-time and part-time workers.

Table 70 - Projected Commercial Office Floor Space Demand (sqm), Kempsey Shire Catchment Areas, Scenario One and Two, 2021 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
Scenario One							
South Kempsey/ Crescent Head – Kundabung	859	941	983	1,006	1,090	1,162	303
East Kempsey/ West Kempsey - Greenhill	18,293	19,726	21,810	22,751	23,974	25,157	6,864
Aldavilla - Euroka - Yarravel	492	635	781	875	963	1,029	537
Frederickton and District	383	532	695	806	865	915	532
Rural West - Bellbrook	305	281	202	229	247	265	-40
Smithtown - Gladstone and District	324	404	534	631	676	713	389
South West Rocks - Jerseyville	1,884	2,237	2,551	2,707	2,848	2,982	1,098
Stuarts Point and District	69	97	112	122	130	138	68
Kempsey Shire	22,610	24,854	27,667	29,126	30,792	32,361	9,751
Scenario Two							
South Kempsey/ Crescent Head – Kundabung	859	859	909	989	1,061	1,123	264
East Kempsey/ West Kempsey - Greenhill	18,293	19,512	20,916	21,851	23,070	24,243	5,950
Aldavilla - Euroka - Yarravel	492	674	714	815	884	948	457
Frederickton and District	383	606	726	783	837	883	500
Rural West - Bellbrook	305	192	201	221	238	255	-50
Smithtown - Gladstone and District	324	455	567	613	652	688	364

	2020	2021	2026	2031	2036	2041	Ave. Ann. Growth, 2020-41
South West Rocks - Jerseyville	1,884	2,137	2,377	2,548	2,714	2,867	983
Stuarts Point and District	69	95	116	126	135	143	73
Kempsey Shire	22,610	24,530	26,526	27,946	29,591	31,150	8,541

7.3 Retail Floor Space Demand

7.3.1 Retail Expenditure Analysis

This section of the report provides an overview of retail expenditure patterns of households within the catchment Areas and Kempsey Shire and converts these estimates to supportable floor space estimates.

Retail expenditure patterns are estimated based on the Bull & Bear Economics retail expenditure model which generates small area retail expenditure estimates based on a simulation utilising a range of small area demographic data sourced from the Census and Australian Tax Office; regional level data from the ABS Household Expenditure Survey; and broader state and national level data from state and national accounts.

Retail expenditure analysis seeks to identify retail expenditure patterns for households in identified study areas, which can then be extrapolated by projected household formation over time to generate a total future available retail expenditure estimate for identified study area/s. Based on anticipated catchment area market shares it is possible to infer the potential demand for a proposed retail development.

A number of retail categories are identified, these being:

- Groceries and take home food;
- Dining and take away food;
- Clothing, footwear and apparel;
- Personal and other goods;
- Core bulky goods [1];
- Ancillary bulky goods [2];
- Hardware; and
- Takeaway liquor.

All estimates are expressed in 2020 financial year dollars.

7.3.2 Weekly Household Retail Expenditure

In 2020, the weekly household retail expenditure propensities of Kempsey Shire households are anticipated to increase from $470.58 per household per week in 2020 to $579.94 per household per week in 2041. Between 2020 and 2041, the analysis has assumed real growth in weekly household retail expenditure propensities of 1.0% per annum. Similarly, the weekly household retail expenditure propensities within the Kempsey Shire catchment area households are anticipated to increase as follows:

[1] Core bulky goods include furniture and floor coverings, household appliances and audio-visual equipment and parts.
[2] Ancillary bulky goods include blankets, household linen and household furnishings, glassware, tableware, cutlery and household utensils, home computer equipment, camping equipment and motor vehicle parts and accessories purchased separately

South West Rocks: anticipated to increase from $611.04 per household per week in 2020 to $753.04 per household per week 2041;

- Frederickton and District: anticipated to increase from $624.53 per household per week in 2020 to $769.66 per household per week 2041;
- Stuarts Point and District: anticipated to increase from $594.62 per household per week in 2020 to $732.80 per household per week 2041;
- Smithtown – Gladstone and District: anticipated to increase from $479.59 per household per week in 2020 to $591.04 per household per week 2041;
- Aldavilla – Euroka - Yarravel: anticipated to increase from $546.45 per household per week in 2020 to $673.44 per household per week 2041;
- Rural West - Bellbrook: anticipated to increase from $476.44 per household per week in 2020 to $587.16 per household per week 2041;
- South Kempsey/Crescent Head – Kundabung: anticipated to increase from $473.58 per household per week in 2020 to $583.64 per household per week 2041; and
- East and West Kempsey: anticipated to increase from $442.00 per household per week in 2020 to $544.71 per household per week 2041.

Table 71 below summarises the weekly household retail expenditure trends within Kempsey Shire between 2020 and 2041, Appendix J reports weekly household retail expenditure by catchment areas.

Table 71 - Weekly Household Retail Expenditure within Kempsey Shire, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Groceries & take-home food	$172.57	$174.29	$183.18	$192.53	$202.35	$212.67
Dining & take away food	$51.57	$52.09	$54.75	$57.54	$60.47	$63.56
Clothing, footwear & apparel	$43.72	$44.16	$46.41	$48.78	$51.27	$53.88
Personal & other goods	$68.65	$69.34	$72.87	$76.59	$80.50	$84.61
Core bulky goods	$31.00	$31.31	$32.91	$34.58	$36.35	$38.20
Ancillary bulky goods	$43.40	$43.83	$46.07	$48.42	$50.89	$53.48
Hardware	$16.32	$16.48	$17.32	$18.20	$19.13	$20.11
Takeaway liquor	$16.98	$17.15	$18.03	$18.94	$19.91	$20.93
Fast food & take-away food	$26.37	$26.63	$27.99	$29.42	$30.92	$32.50
Total Grocery & Specialty	**$379.87**	**$383.66**	**$403.23**	**$423.80**	**$445.42**	**$468.14**
Total Bulky Goods	**$90.71**	**$91.62**	**$96.30**	**$101.21**	**$106.37**	**$111.80**
Total	**$470.58**	**$475.29**	**$499.53**	**$525.01**	**$551.79**	**$579.94**

7.3.3 Annual Available Retail Expenditure

To convert average weekly household estimates to annual available expenditure estimates, the assessment has utilised the population and household projections reported in Section 2.2. Extrapolating the average annual weekly expenditure per household in each catchment area to be an annual figure, then multiplying this value by the number of households per catchment yields a total annual available expenditure by catchment over the projection horizon.

Annual available retail expenditure within Kempsey Shire is anticipated to increase from $279.84 million in 2020 to $426.80 million in 2041, or by 1.8% per annum. Similarly, the annual available retail expenditure within the Kempsey Shire catchment area households is anticipated to increase as follows:

- South West Rocks: anticipated to increase from $77.86 million in 2020 to $149.50 million in 2041, or by 3.1% per annum;
- Frederickton and District: anticipated to increase from $25.93 million in 2020 to $37.68 million in 2041, or by 1.8% per annum;
- Stuarts Point and District: anticipated to increase from $22.18 million in 2020 to $29.89 million in 2041, or by 1.4% per annum;
- Smithtown – Gladstone and District: anticipated to increase from $22.69 million in 2020 to $27.61 million in 2041, or by 0.9% per annum;
- Aldavilla – Euroka - Yarravel: anticipated to increase from $32.61 million in 2020 to $38.31 million in 2041, or by 0.8% per annum;
- Rural West - Bellbrook: anticipated to increase from $24.27 million in 2020 to $33.38 million in 2041, or by 1.5% per annum;
- South Kempsey/Crescent Head – Kundabung: anticipated to increase from $46.16 million in 2020 to $65.94 million in 2041, or by 1.7% per annum; and
- East and West Kempsey: anticipated to increase from $75.0 million in 2020 to $97.63 million in 2041, or by 1.3% per annum.

Table 72 below summarises the annual average retail expenditure trends within Kempsey Shire between 2020 and 2041, Appendix J reports annual available retail expenditure by catchment areas.

Table 72 - Annual Available Retail Expenditure ($m), Kempsey Shire, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Groceries & take-home food	$115.07	$113.39	$124.32	$136.84	$150.63	$165.80
Dining & take away food	$34.39	$33.89	$37.15	$40.89	$45.02	$49.55
Clothing, footwear & apparel	$29.15	$28.73	$31.50	$34.67	$38.16	$42.01
Personal & other goods	$45.78	$45.11	$49.46	$54.44	$59.92	$65.96
Core bulky goods	$20.67	$20.37	$22.33	$24.58	$27.06	$29.78
Ancillary bulky goods	$28.94	$28.52	$31.26	$34.41	$37.88	$41.70
Hardware	$10.88	$10.72	$11.75	$12.94	$14.24	$15.68
Takeaway liquor	$11.32	$11.16	$12.23	$13.46	$14.82	$16.31
Fast food & take-away food	$17.58	$17.33	$19.00	$20.91	$23.02	$25.33
Total Grocery & Specialty	**$235.71**	**$232.28**	**$254.66**	**$280.30**	**$308.55**	**$339.64**
Total Bulky Goods	**$60.49**	**$59.61**	**$65.35**	**$71.93**	**$79.18**	**$87.16**
Total	**$296.20**	**$291.88**	**$320.01**	**$352.24**	**$387.73**	**$426.80**

7.3.4 Adjusted Retail Expenditure

According to the 2020 eCommerce Industry Report (Australia Post, 2020), it has been estimated that by the end of 2020, online spending will account for 15.0% of the total retail market in Australia. Therefore, adjusting retail expenditure estimates to account for an ongoing shift to online purchasing and fulfilment is paramount. Based on the regional nature of Kempsey Shire, it is likely that the shift towards online shopping, particularly with respect to grocery shopping, will be slower than in metropolitan areas. This is largely due to online grocery orders ultimately being fulfilled by local supermarkets, as opposed to dark stores, as is the case in the metropolitan context. However, a small allowance for online expenditure for groceries and take home-food has been accounted for, recognising that grocery needs may partially be met by online retailers without a local retail shopfront.

As such, the proportion of retail expenditure attributable to online shopping is likely to vary across the retail expenditure categories and is also likely to continue to increase over time as online shopping becomes increasingly accessible. The proportion of sales attributable to online retailers is likely to be significantly higher for the comparison retail categories and has likely been accelerated by the COVID-19 pandemic, with residents adjusting their shopping habits permanently within these categories.

Table 73 below details the proportion of retail expenditure which is likely to be leaked from Kempsey Shire due to online sales, by retail expenditure category over the projection horizon.

Table 73 - Proportion of Retail Sales Attributable to Online Shopping - Kempsey Shire, 2020 to 2041 (Source: Bull & Bear Economics (2021))

Online Leakage	2020	2021	2026	2031	2036	2041
Groceries & take home food	2.5%	2.6%	3.2%	3.8%	4.4%	5.0%
Dining & take away food	5.0%	5.1%	5.7%	6.3%	6.9%	7.5%
Clothing, footwear & apparel	22.5%	22.9%	24.6%	26.4%	28.2%	30.0%
Personal & other goods	22.5%	22.9%	24.6%	26.4%	28.2%	30.0%
Core bulky goods	22.5%	22.9%	24.6%	26.4%	28.2%	30.0%
Ancillary bulky goods	22.5%	22.9%	24.6%	26.4%	28.2%	30.0%
Hardware	10.0%	10.2%	11.4%	12.6%	13.8%	15.0%
Takeaway liquor	5.0%	5.1%	5.7%	6.3%	6.9%	7.5%
Fast food & take-away food	5.0%	5.1%	5.7%	6.3%	6.9%	7.5%
Average	**13.1%**	**13.3%**	**14.5%**	**15.7%**	**16.9%**	**18.1%**

7.3.5 Adjusted Annual Available Retail Expenditure

The annual available retail expenditure detailed in Section 7.3.1.2 was adjusted to reflect leakage due to online sales. Based on this adjustment, annual available retail expenditure within each catchment area is anticipated to increase as follows:

- South West Rocks: anticipated to increase from $68.87 million in 2020 to $125.05 million in 2041, or by 2.9% per annum;
- Frederickton and District: anticipated to increase from $22.93 million in 2020 to $31.55 million in 2041, or by 1.5% per annum;
- Stuarts Point and District: anticipated to increase from $19.63 million in 2020 to $25.04 million in 2041, or by 1.2% per annum;
- Smithtown – Gladstone and District: anticipated to increase from $20.06 million in 2020 to $23.11 million in 2041, or by 0.7% per annum;
- Aldavilla – Euroka - Yarravel: anticipated to increase from $28.87 million in 2020 to $32.13 million in 2041, or by 0.5% per annum;
- Rural West - Bellbrook: anticipated to increase from $21.46 million in 2020 to $27.95 million in 2041, or by 1.3% per annum;
- South Kempsey/Crescent Head – Kundabung: anticipated to increase from $40.82 million in 2020 to $55.21 million in 2041, or by 1.4% per annum; and
- East and West Kempsey: anticipated to increase from $66.39 million in 2020 to $81.85 million in 2041, or by 1.3% per annum.

Within Kempsey Shire more broadly, adjusted annual available expenditure is anticipated to increase from $289.01 million in 2020 to $401.89 million in 2041, or by 1.6% per annum.

Table 74 below summarises the adjusted annual average retail expenditure trends within Kempsey Shire, Appendix J reports annual available retail expenditure by catchment areas.

Table 74 - Adjusted Annual Available Retail Expenditure ($m), Kempsey Shire, 2020 to 2041 (Source: Bull & Bear Economics estimates)

	2020	2021	2026	2031	2036	2041
Groceries & take-home food	$124.54	$122.97	$134.43	$147.57	$162.04	$178.15
Dining & take away food	$35.68	$35.20	$38.48	$42.24	$46.39	$51.00
Clothing, footwear & apparel	$24.90	$24.45	$26.31	$28.37	$30.58	$32.99
Personal & other goods	$38.96	$38.33	$41.24	$44.46	$47.93	$51.71
Core bulky goods	$17.50	$17.24	$18.54	$19.99	$21.56	$23.25
Ancillary bulky goods	$24.72	$24.31	$26.15	$28.20	$30.40	$32.79
Hardware	$10.81	$10.66	$11.57	$12.60	$13.74	$14.99
Takeaway liquor	$11.91	$11.75	$12.85	$14.10	$15.48	$17.02
Fast food & take-away food	$16.78	$16.45	$17.93	$19.61	$21.45	$23.49
Total Grocery & Specialty	$235.99	$232.70	$253.30	$276.75	$302.43	$330.86
Total Bulky Goods	$53.02	$52.21	$56.26	$60.80	$65.69	$71.03
Total	$289.01	$284.91	$309.56	$337.55	$368.12	$401.89

7.3.6 Supportable Floorspace Estimates

To convert total available retail expenditure estimates to supportable floor space, consideration has been given to industry benchmarks regarding performance by retail category. Typically, benchmark turnover propensities by retail category are as follows:

- Groceries & Take-home food: turnover propensities are $9,500 per square metre;
- Dining & Take-away: turnover propensities are $5,500 per square metre;
- Clothing, Footwear & Apparel: turnover propensities are $5,500 per square metre;
- Personal & other goods: turnover propensities are $5,500 per square metre;
- Core bulky goods: turnover propensities are $4,500 per square metre;
- Ancillary bulky goods: turnover propensities are $5,500 per square metre;
- Hardware: turnover propensities are $3,500 per square metre;
- Takeaway Liquor: turnover propensities are $9,000 per square metre; and
- Fast Food & Take-away Food: turnover propensities are $5,500 per square metre.

The analysis has assumed turnover propensity increases by 0.5% per annum over the projection horizon.

Table 75 below summarises the turnover propensity by retail category for the 2020 to 2041period.

Table 75 - Turnover Productivity ($/sqm), 2020 to 2041 (Source: Bull & Bear Economics estimates)

	2020	2021	2026	2031	2036	2041
Groceries & take-home food	$9,500	$9,548	$9,789	$10,036	$10,289	$10,549
Dining & take away food	$5,500	$5,528	$5,667	$5,810	$5,957	$6,107
Clothing, footwear & apparel	$5,500	$5,528	$5,667	$5,810	$5,957	$6,107
Personal & other goods	$5,500	$5,528	$5,667	$5,810	$5,957	$6,107
Core bulky goods	$4,500	$4,523	$4,637	$4,754	$4,874	$4,997

	2020	2021	2026	2031	2036	2041
Ancillary bulky goods	$5,500	$5,528	$5,667	$5,810	$5,957	$6,107
Hardware	$3,500	$3,518	$3,606	$3,697	$3,791	$3,886
Takeaway liquor	$9,000	$9,045	$9,273	$9,508	$9,748	$9,994
Fast food & take-away food	$5,500	$5,528	$5,667	$5,810	$5,957	$6,107

Based on the above assumptions, the population of Kempsey Shire can support 39,938sqm of retail floor space in 2020, increasing to 48,702sqm of retail floor space by 2041, representing an increase of 13,754sqm over the projection horizon. Similarly, supportable floor space by retail category is anticipated to increase as follows:

- Groceries & Take-home food: supportable floorspace increasing from 11,810sqm in 2020 to 14,931sqm in 2041;
- Dining & Take-away: supportable floorspace increasing from 5,940sqm in 2020 to 7,505sqm in 2041;
- Clothing, Footwear & Apparel: supportable floorspace increasing from 4,108sqm in 2020 to 4,815sqm in 2041;
- Personal & other goods: supportable floorspace increasing from 6,450sqm in 2020 to 7,560sqm in 2041;
- Core bulky goods: supportable floorspace increasing from 3,560sqm in 2020 to 4,172sqm in 2041;
- Ancillary bulky goods: supportable floorspace increasing from 4,078sqm in 2020 to 4,779sqm in 2041;
- Hardware: supportable floorspace increasing from 2,798sqm in 2020 to 3,429sqm in 2041;
- Takeaway Liquor: supportable floorspace increasing from 1,195sqm in 2020 to 1,510sqm in 2041; and
- Fast Food & Take-away Food: supportable floorspace increasing from 3,037sqm in 2020 to 3,837sqm in 2041.

Table 76 below summarises supportable floorspace estimates by retail category for the 2020 to 2041 period.

Table 76 - Supportable Floorspace by Retail Category (sqm), Kempsey Shire, 2020 to 2041 (Source: Bull & Bear Economics estimates)

	2020	2021	2026	2031	2036	2041
Groceries & take-home food	11,810	11,568	12,294	13,117	13,995	14,931
Dining & take away food	5,940	5,818	6,182	6,595	7,035	7,505
Clothing, footwear & apparel	4,108	4,007	4,191	4,392	4,600	4,815
Personal & other goods	6,450	6,292	6,580	6,896	7,223	7,560
Core bulky goods	3,560	3,472	3,631	3,806	3,986	4,172
Ancillary bulky goods	4,078	3,978	4,160	4,359	4,566	4,779
Hardware	2,798	2,737	2,888	3,058	3,239	3,429
Takeaway liquor	1,195	1,171	1,244	1,327	1,416	1,510
Fast food & take-away food	3,037	2,975	3,161	3,372	3,597	3,837
Total Grocery & Specialty	29,503	28,856	30,491	32,327	34,269	36,322
Total Bulky Goods	10,435	10,187	10,679	11,223	11,790	12,380
Total	**39,938**	**39,043**	**41,170**	**43,550**	**46,059**	**48,702**

7.3.7 Retail Floorspace Demand from Visitors to Kempsey Shire

The retail floor space demand assessment detailed in the preceding sections consider demand generated by residents of Kempsey Shire. Visitors to the Kempsey Shire also have the potential to generate turnover at retail precincts, particularly if it is located with other major attractions.

Tourism projections by visitor type for the Kempsey Shire have been estimated based on the following sources:

- Historic trends in visitation to the region;
- Average length of stay for overnight visitors;
- Tourism Research Australia's visitor nights forecast at the state and national level (published in 2019); and
- Industry trends resulting from COVID-19.

These projections have been established with consideration to domestic day trip, domestic overnight and international visitation for both the number of visitors and the number of visitor nights. These estimates indicate that the number of visitors to the Kempsey Shire will decrease from 0.55 million visitors in 2019 to 0.54 million visitors in 2020 (stable domestic daytrip estimates), before recovering and reaching 0.72 million visitors in 2041.

Assuming the average length of stay in the region remains consistent over the projection period, the number of visitor nights in the region is anticipated to have a more significant decline in the short term due to COVID-19 border restrictions limiting visitation from interstate and overseas markets. Despite this decline, the number of visitor nights in Kempsey Shire is anticipated to increase from 1.25 million visitor nights in 2020 to 1.66 million visitor nights in 2041.

Table 77 details the tourism projections for Kempsey Shire between 2020 and 2041.

Table 77 - Tourism Projections (millions of visitors) – Kempsey Shire 2020 to 2041 (Source: Bull & Bear Economics estimates (2021))

	2020	2021	2026	2031	2036	2041
Number of Visitors						
Domestic Daytrip	225,000	227,475	240,264	256,293	276,100	300,380
Domestic Overnight	309,000	312,090	328,010	348,168	373,232	404,062
International	2,750	3,667	4,792	6,413	8,684	11,898
Kempsey Shire	536,750	543,232	573,066	610,874	658,016	716,340
Average Visitor Nights						
Domestic Daytrip	-	-	-	-	-	-
Domestic Overnight	4.0	4.0	4.0	4.0	4.0	4.0
International	4.0	4.0	4.0	4.0	4.0	4.0
Number of Visitor Nights						
Domestic Overnight	1,236,000	1,248,360	1,312,039	1,392,673	1,492,929	1,616,246
International	11,000	14,667	19,169	25,652	34,735	47,590
Kempsey Shire	1,247,000	1,263,027	1,331,208	1,418,325	1,527,664	1,663,836

The average daily/nightly expenditure from visitors to the region varies by visitor type, for example, domestic overnight visitors to Kempsey Shire spend significantly more per night than international visitors. The average total daily expenditure by visitor type in 2019 were as follows:

- Domestic Daytrip: $89 per day;
- Domestic Overnight: $111 per day; and
- International: $75 per day.

Destination for NSW Westpac Tourism Expenditure Monitor (January 2021) indicates within Regional NSW for every $100 spent approximately $53.30 is spent on retail related expenditure (i.e. food and beverage and retail goods). As such, it is assumed 53.3% of daily expenditure for all visitor types is attributable to retail related expenditure.

Applying these proportions to the average daily total expenditure per visitor yields and average daily spend. Utilising the visitor day/night projections estimated in the preceding section, the total retail expenditure by visitors to Kempsey Shire is estimated at $25.43 million in 2020, increasing to $33.93 million in 2041.

This assessment has also adopted a benchmark turnover propensity for retail related stores of $6,000 per square metre in 2020, increasing by 0.5% per annum over the projection horizon.

Based on the above assumptions regarding visitation and retail expenditure during their visit, visitors to Kempsey Shire support 4,238 square metres of retail floor space in 2020, increasing to 5,354 square metres of retail floor space in 2041.

Table 78 - Visitor Generated Demand for Retail Floorspace – Kempsey Shire, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Total Visitors/Visitor Nights						
Domestic Daytrip	225,000	227,475	240,264	256,293	276,100	300,380
Domestic Overnight	309,000	312,090	328,010	348,168	373,232	404,062
International	2,750	3,667	4,792	6,413	8,684	11,898
Total	536,750	543,232	573,066	610,874	658,016	716,340
Proportion of Daily Expenditure by Visitors on Retail						
Domestic Daytrip	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%
Domestic Overnight	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%
International	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%
Average Daily Retail Expenditure ($)						
Domestic Daytrip	$47.37	$47.37	$47.37	$47.37	$47.37	$47.37
Domestic Overnight	$59.08	$59.08	$59.08	$59.08	$59.08	$59.08
International	$39.97	$39.97	$39.97	$39.97	$39.97	$39.97
Annual Retail Expenditure by Visitors ($m)						
Domestic Daytrip	$10.66	$10.78	$11.38	$12.14	$13.08	$14.23
Domestic Overnight	$14.64	$14.78	$15.54	$16.49	$17.68	$19.14
International	$0.13	$0.17	$0.23	$0.30	$0.41	$0.56
Kempsey Shire	$25.43	$25.73	$27.15	$28.94	$31.17	$33.93
Floorspace Demand (sqm)						
Average Retail Turnover ($/sqm)	$6,000	$6,090	$6,152	$6,213	$6,275	$6,338
Visitor Generated Floorspace Demand (sqm)	4,238	4,225	4,412	4,657	4,967	5,354

7.4 Implications for LGMS

The above provides an estimate of the projected demand for various land uses within Kempsey Shire, utilising the employment projections presented in the previous section of the report. The analysis provides useful insights in informing Council as to what the demand for industrial, commercial and retail floorspace might be within the Shire to 2041. It also provides important information for informing whether additional land needs to be designated for employment purposes within Kempsey Shire, based on the projected demand. In conjunction with other factors, such as

considering other employment opportunities that might exist for the Shire based on those identified within sections 4 and 5 of this report, this informs strategic recommendations to be made as outlined in section 8 below, which will inform the development of employment policy for the LGMS.

8 STRATEGIC RECOMMENDATIONS

The purpose of this section is to provide high level recommendations relating to the appropriateness of existing and designated employment lands to accommodate projected growth within Kempsey Shire.

The recommendations within this section of the report have been prepared consistent with guidance contained within the North Coast Settlement Planning Guidelines 2019, prepared by the NSW Department of Planning and Environment.

8.1 Supply – Demand Balance for Centres Activity

The purpose of the supply-demand balance is to provide a high level overview of the projected demand for retail floor space based retail expenditure (discussed in the preceding sections) against the existing supply of facilities. This analysis informs decision making relating to whether need exists to consider additional land and/or extra floor space to accommodate retail floorspace within Kempsey Shire and the catchment areas.

8.1.1 Supply – Demand Balance for Commercial Office Floor Space

The purpose of the supply-demand balance is to provide a high level overview of the projected demand for commercial office based on projected employment against the existing supply of facilities. This section informs decision making relating as to whether need exists to consider additional land and/or extra floor space to accommodate commercial floor space within Kempsey Shire and its component catchment areas.

The supply demand balance has been estimated by comparing the projected demand for commercial office floor space (Section 7.2.4 of this report) against the supply estimates outlined in Section 3 of the report.

The analysis identifies that at a Shire wide level there is an oversupply of commercial office floor space to 2041.

The centres inventory presented in Section 3 of the report identified the following catchment areas have commercial office floor space:

- South Kempsey/ Crescent Head – Kundabung;
- East Kempsey/ West Kempsey – Greenhill; and
- South West Rocks – Jerseyville.

Supply demand balance analysis for these catchment areas indicates the South Kempsey/ Crescent Head – Kundabung catchment area is anticipated to demand an additional 253sqm to 292sqm of commercial office floor space by 2041. Similarly, the South West Rocks – Jerseyville is anticipated to demand up to an additional 22sqm of commercial office floorspace by 2041. The supply demand balance analysis indicates an oversupply in the order of 14,007sqm to 14,921sqm within the East Kempsey/ West Kempsey – Greenhill catchment area by 2041.

As previously indicated, the East Kempsey/ West Kempsey – Greenhill catchment accommodates the commercial core of Kempsey Shire. As such, this catchment is projected to support a large proportion of floor space demand from those catchments within no floor space provision.

The analysis indicates that there is sufficient commercial office floor space within Kempsey Shire, and that commercial office activity should be encouraged to continue to locate within the city centre. Whilst small shortfalls are anticipated in South Kempsey / Crescent Head – Kundabung and South West Rocks – Jerseyville catchments, it is envisaged that given the small scale of these shortfalls over the projection horizon these can likely be addressed through the ability to allow small scale expansion of existing centres, rather than the creation of additional centres.

Table 79 summarises supply demand balance estimates for Kempsey Shire and the relative catchment areas for the 2020 to 2041 period.

Table 79 - Supply Demand Balance (sqm), Kempsey Shire Catchment Areas, Scenario One and Two, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Existing Commercial Supply (sqm)						
South Kempsey/ Crescent Head – Kundabung	870	870	870	870	870	870
East Kempsey/ West Kempsey - Greenhill	39,163	39,163	39,163	39,163	39,163	39,163
Aldavilla - Euroka - Yarravel	0	0	0	0	0	0
Frederickton and District	0	0	0	0	0	0
Rural West - Bellbrook	0	0	0	0	0	0
Smithtown - Gladstone and District	0	0	0	0	0	0
South West Rocks - Jerseyville	2,960	2,960	2,960	2,960	2,960	2,960
Stuarts Point and District	0	0	0	0	0	0
Kempsey Shire	*42,993*	*42,993*	*42,993*	*42,993*	*42,993*	*42,993*
Floor Space Demand - Scenario One						
South Kempsey/ Crescent Head – Kundabung	859	941	983	1,006	1,090	1,162
East Kempsey/ West Kempsey - Greenhill	18,293	19,726	21,810	22,751	23,974	25,157
Aldavilla - Euroka - Yarravel	492	635	781	875	963	1,029
Frederickton and District	383	532	695	806	865	915
Rural West - Bellbrook	305	281	202	229	247	265
Smithtown - Gladstone and District	324	404	534	631	676	713
South West Rocks - Jerseyville	1,884	2,237	2,551	2,707	2,848	2,982
Stuarts Point and District	69	97	112	122	130	138
Kempsey Shire	*22,610*	*24,854*	*27,667*	*29,126*	*30,792*	*32,361*
Supply Demand Balance (Scenario One)						
South Kempsey/ Crescent Head – Kundabung	11	-71	-113	-136	-220	-292
East Kempsey/ West Kempsey - Greenhill	20,870	19,437	17,354	16,412	15,190	14,007
Aldavilla - Euroka - Yarravel	-492	-635	-781	-875	-963	-1,029
Frederickton and District	-383	-532	-695	-806	-865	-915
Rural West - Bellbrook	-305	-281	-202	-229	-247	-265
Smithtown - Gladstone and District	-324	-404	-534	-631	-676	-713
South West Rocks - Jerseyville	1,076	723	409	253	112	-22

	2020	2021	2026	2031	2036	2041
Stuarts Point and District	-69	-97	-112	-122	-130	-138
Kempsey Shire	*20,384*	*18,140*	*15,326*	*13,867*	*12,201*	*10,633*
Floor Space Demand - Scenario Two						
South Kempsey/ Crescent Head – Kundabung	859	859	909	989	1,061	1,123
East Kempsey/ West Kempsey - Greenhill	18,293	19,512	20,916	21,851	23,070	24,243
Aldavilla - Euroka - Yarravel	492	674	714	815	884	948
Frederickton and District	383	606	726	783	837	883
Rural West - Bellbrook	305	192	201	221	238	255
Smithtown - Gladstone and District	324	455	567	613	652	688
South West Rocks - Jerseyville	1,884	2,137	2,377	2,548	2,714	2,867
Stuarts Point and District	69	95	116	126	135	143
Kempsey Shire	*22,610*	*24,530*	*26,526*	*27,946*	*29,591*	*31,150*
Supply - Demand Balance (Scenario Two)						
South Kempsey/ Crescent Head – Kundabung	11	11	-39	-119	-191	-253
East Kempsey/ West Kempsey - Greenhill	20,870	19,651	18,247	17,312	16,093	14,921
Aldavilla - Euroka - Yarravel	-492	-674	-714	-815	-884	-948
Frederickton and District	-383	-606	-726	-783	-837	-883
Rural West - Bellbrook	-305	-192	-201	-221	-238	-255
Smithtown - Gladstone and District	-324	-455	-567	-613	-652	-688
South West Rocks - Jerseyville	1,076	823	583	412	246	93
Stuarts Point and District	-69	-95	-116	-126	-135	-143
Kempsey Shire	*20,384*	*18,464*	*16,467*	*15,047*	*13,403*	*11,843*

Note: A positive (negative) supply-demand balance suggests an oversupply (undersupply) of floorspace.

8.1.2 Supply – Demand Balance for Retail Floor Space

The supply demand balance for retail floor space has been derived by comparing the supportable floor space estimates (Section 7.3.3 of the report) floor space against the supply estimates outlined in Section 3 of the report.

The analysis identifies at a Shire wide level, there is an oversupply of retail floor space to 2041.

The centres inventory presented in Section 3 of the report identified the following catchment areas contain retail floor space:

- South Kempsey/Crescent Head – Kundabung;
- East Kempsey/West Kempsey – Greenhill; and
- South West Rocks – Jerseyville.

The supply demand balance is suggestive of an undersupply of retail floor space in all catchments, with a significant oversupply of retail floor space within East Kempsey/West Kempsey - Greenhill. However, this is indicative of the commercial core servicing the retail needs of the broader Kempsey Shire. Of all catchments analysed, shifts in the demand for retail floor space are most significant in the South West Rocks – Jerseyville catchment, with demand increasing by 6,533sqm between 2020 and 2041.

As the population of a region increases, so too does the demand for convenience based services, such as supermarkets. However, our review of the existing supply within South West Rocks – Jerseyville indicates the catchment currently has a notional oversupply of supermarket floorspace, with this oversupply to reduce over time. Typically, a population of 8,000 – 10,000 persons is required to support the delivery of a full line supermarket (e.g. a Coles / Woolworths), yet the inventory clearly identifies that the South West Rocks – Jerseyville catchment already contains a Coles, despite a population of only 5,414 persons in the catchment, increasing to 8,477 persons by 2041.

Future demand for retail floor space within South West Rocks – Jerseyville is likely best met by provision within the commercial core of Kempsey Shire, rather than through the designation of additional centres in South West Rocks - Jerseyville. It is also suggested that efforts are focussed towards filling vacant tenancies at existing centres within South West Rocks, as opposed to the delivery of additional centres within the catchment.

Although the supply demand balance for Kempsey Shire indicates an oversupply of retail floorspace over the projection period, these projections did not account for tourist visitation. Retail floor space demand generated by visitors to Kempsey Shire, as outlined in Section 7.3.4 of the report, highlights demand for 5,354 sqm of floor space by 2041.

The notional oversupply of retail floorspace supported by the resident population is therefore likely taken-up to some extent by visitors to Kempsey Shire, with the retailers benefiting most significantly being supermarkets, general stores and dining and takeaway food tenancies within the coastal localities and supermarkets in the Kempsey CBD.

Discussions with Council officers have indicated during peak holidays periods, there is a significant uplift in visitors, particularly to the coastal parts of Kempsey Shire. It is understood that the off-peak period for tourism has shortened in coastal localities in Kempsey Shire since COVID-19, with international travel restrictions encouraging leisure travellers to consider travelling locally, rather than overseas.

To accommodate peak visitation periods, it is suggested that this demand is addressed through the provision of temporary dining options (e.g. food trucks) as opposed to the delivery of permanent additional retail floor space in tourist localities.

It is suggested that Council monitor trends in visitation (potentially through regular engagement with local tourism operators) to understand the length of the peak season and whether this represents a permanent shift since COVID-19.

Table 80 summarises retail floor space supply demand balance estimates for Kempsey Shire for the 2020 to 2041 period.

Table 80 - Supply Demand Balance (sqm), Kempsey Shire Catchment Areas, Scenario One and Two, 2020 to 2041 (Source: Bull & Bear Economics (2021))

	2020	2021	2026	2031	2036	2041
Existing Retail Floor Space Supply (sqm)						
South Kempsey/ Crescent Head – Kundabung	7,147	7,147	7,147	7,147	7,147	7,147
East Kempsey/ West Kempsey - Greenhill	50,524	50,524	50,524	50,524	50,524	50,524
South West Rocks - Jerseyville	10,565	10,565	10,565	10,565	10,565	10,565
Frederickton and District	-	-	-	-	-	-
Rural West – Bellbrook	-	-	-	-	-	-
Aldavilla - Euroka - Yarravel	-	-	-	-	-	-
Smithtown - Gladstone and District	-	-	-	-	-	-
Stuarts Point and District	-	-	-	-	-	-
Kempsey Shire	*68,236*	*68,236*	*68,236*	*68,236*	*68,236*	*68,236*

	2020	2021	2026	2031	2036	2041
Retail Floor Space Demand						
South Kempsey/ Crescent Head – Kundabung	6,227	6,167	6,411	6,739	7,122	7,527
East Kempsey/ West Kempsey - Greenhill	10,075	9,785	10,146	10,496	10,795	11,100
South West Rocks - Jerseyville	10,489	10,922	12,182	13,630	15,233	17,022
Frederickton and District	3,497	3,446	3,611	3,823	4,055	4,301
Rural West – Bellbrook	3,275	3,395	3,489	3,589	3,699	3,812
Aldavilla - Euroka - Yarravel	4,392	3,471	3,738	3,970	4,165	4,369
Smithtown - Gladstone and District	3,063	2,966	3,008	3,061	3,108	3,154
Stuarts Point and District	2,983	2,994	3,063	3,155	3,276	3,402
Kempsey Shire	*44,001*	*43,145*	*45,648*	*48,462*	*51,454*	*54,687*
Supply - Demand Balance						
South Kempsey/ Crescent Head – Kundabung	920	980	736	408	25	-380
East Kempsey/ West Kempsey - Greenhill	40,449	40,739	40,378	40,028	39,729	39,424
South West Rocks - Jerseyville	76	-357	-1,617	-3,065	-4,668	-6,457
Frederickton and District	-3,497	-3,446	-3,611	-3,823	-4,055	-4,301
Rural West – Bellbrook	-3,275	-3,395	-3,489	-3,589	-3,699	-3,812
Aldavilla - Euroka - Yarravel	-4,392	-3,471	-3,738	-3,970	-4,165	-4,369
Smithtown - Gladstone and District	-3,063	-2,966	-3,008	-3,061	-3,108	-3,154
Stuarts Point and District	-2,983	-2,994	-3,063	-3,155	-3,276	-3,402
Kempsey Shire	*24,235*	*25,091*	*22,588*	*19,774*	*16,782*	*13,549*

Note: A positive (negative) supply-demand balance suggests an oversupply (undersupply) of floorspace.

8.2 Supply – Demand Balance for Industrial Land

Section 7.1.4 of the report identifies that to 2041, there is anticipated to be demand for an additional 19.0 – 22.7 hectares of industrial land within Kempsey Shire, with demand generated by the following sub-sectors:

- Transport Uses: Additional 8.2 – 9.3 hectares of industrial land demand; and
- Large Footprint and General Industry: Additional 5.3 – 6.2 hectares of industrial land demand.

Within Kempsey Shire, industrial land demand growth is concentrated within the following catchments to 2041:

- South Kempsey/Crescent Head – Kundabung: Additional 11.4 – 13.0 hectares of industrial land demand;
- Frederickton and District: Additional 6.5 – 7.2 hectares of industrial land demand; and
- East Kempsey/West Kempsey – Greenhill: Additional 3.7 – 3.9 hectares of industrial land demand.

The industrial land inventory, presented in Section 3 of the report identified vacant land and remnant housing within industrial estates in Kempsey Shire.

Table 81 below summarises the remaining supply of industrial zoned land by locality and zone within Kempsey Shire, based on the outcomes of the inventory. The assessment has identified both vacant land allotments and remnant housing on industrial zoned land, recognising that the longer term intent for these allotments is industrial development, as opposed to their current use.

Table 81 - Remaining Supply of Industrial Zoned Land by Locality (hectares), Kempsey Shire (Source: Bull & Bear Economics, derived from inventory presented in Chapter 3 of report)

Locality	IN1		IN2		B6		Total	
	Vacant Land	House	Vacant Land	House	Vacant Land	House	Vacant Land	House
Frederickton	3.65	0.00	0.00	0.00	0.00	0.00	3.65	0.00
West Kempsey	0.52	0.97	0.00	0.00	0.00	0.00	0.52	0.97
South Kempsey	73.67	0.79	0.00	0.00	9.16	6.74	82.83	7.53
South West Rocks	0.00	0.00	2.52	0.00	0.00	0.00	2.52	0.00
Kempsey Shire	77.84	1.76	2.52	0.00	9.16	6.74	89.52	8.50

At a Shire wide level, the analysis suggests sufficient remaining zoned land to accommodate industrial growth in Kempsey Shire.

However, the analysis identifies that at a small area level, there is insufficient remaining zoned industrial land within the Frederickton and District and East Kempsey/West Kempsey – Greenhill catchments throughout the projection horizon, although the shortfall is less than five hectares in both cases. It is suggested that, if possible, a minor expansion to these industrial areas is considered to accommodate future industrial employment growth to 2041.

Discussions with Council officers have indicated that the availability of zoned industrial land within Kempsey Shire has been problematic, with developers releasing allotments very slowly, despite limited competition. The implication of this is that a prospective industrial land tenant may choose to locate in a neighbouring LGA due to an absence of suitable sites in Kempsey Shire.

Council officers have also indicated that vacant zoned industrial land within Kempsey Shire is often vacant due to significant site constraints which would restrict its ability to be developed for its intended purpose. It is recommended that further investigations are undertaken as part of the LGMS to determine the quantum of vacant zoned land that is realistically developable, as this may indicate the need to identify additional sites to accommodate industrial land demand growth in localities such as South West Rocks and South Kempsey (i.e. where total industrial land supply exceeds projected industrial land demand).

Whilst the South West Rocks – Jerseyville catchment is anticipated to record significant population and employment growth, this is not anticipated to translate to industrial land demand growth to 2041, with workers more likely to be employed within the professional services sectors. However, given the relatively low quantum of remaining zoned industrial land within this catchment (a single lot that is 2.52 hectares in size), we would suggest this is retained, particularly given the challenges in identifying additional industrial land relative to other land uses (e.g. centres and residential land).

Additionally, whilst the level of vacant land remaining in South Kempsey is significantly above projected demand, it is noted that 62.71 hectares of remaining supply is represented by a single lot within South Kempsey. With the exclusion of this lot from the remaining supply, there is still 26.81 hectares of remaining vacant zoned industrial land in South Kempsey. This is suggestive of sufficient zoned industrial land within South Kempsey to meet projected demand to 2041.

A review of the remaining opportunities by lot size throughout Kempsey Shire identifies that over half of all remaining lots are less than 0.5 hectares in size, indicative of these lots only able to accommodate small scale industrial activity. The industrial demand profile indicates demand is highest for transport uses and large footprint and general industry, which often require lots at least a hectare in size that have direct access to major transport routes. This is suggestive of a mismatch between remaining industrial land supply and projected industrial land demand and a need to identify additional land to accommodate these uses, such as the remaining vacant industrial zoned land parcel at South Kempsey. It is also suggested that further investigations are undertaken to identify potential sites within direct access to the Pacific Highway and within proximity to the railway line, which would act to attract additional freight and logistics operators to

the region. There may also be potential to consider an expansion of the Kempsey Aviation Business Park, although the designation of additional land is likely to appeal to only a sub-sector of industrial users (i.e. those that have an aviation

There could be merit in investigating the potential to service the large remaining lot at South Kempsey, to allow for the subdivision of this allotment to provide larger industrial allotments, should the need arise to accommodate these uses in the medium to longer term. South Kempsey is considered an appropriate location for additional larger industrial lot provision, given its established nature as an industrial area.

It is recommended that Council undertake further investigations as part of the LGMS to identify potential sites within direct access to the Pacific Highway and within proximity to the railway line, which would act to attract additional freight and logistics operators to the region.

It is also recommended that Council could consider the potential for an expansion of the Kempsey Aviation Business Park, acknowledging that this is likely to appeal to only a sub-sector of industrial users (i.e. those that have an aviation focus or utilise the services of Kempsey Airport).

focus or utilise the services of Kempsey Airport). Table 82 summarises the distribution of industrial allotments within Kempsey Shire than are either vacant or occupied by remnant housing.

Table 82 - Remaining Supply of Industrial Zoned Land by Locality (hectares), Kempsey Shire (Source: Bull & Bear Economics, derived from inventory presented in Chapter 3 of report)

Allotment Size	Number of Allotments		Area of Allotments (ha)	
	Vacant Land	House	Vacant Land	House
<0.5 hectares	15	19	4.49	2.15
0.5-1 hectare	2	3	1.50	2.27
1-5 hectares	5	2	11.66	4.08
5+ hectares	2	0	71.87	0.00
Total	24	24	89.52	8.50

8.3 Review of Zoning Framework

The supply-demand assessment undertaken above for commercial, retail and industrial uses within Kempsey Shire has found that there is generally sufficient zoned land across the Shire to accommodate all of these needs to 2041 (with an oversupply of retail zoned land to 2041) and there is generally no need to expand existing centres or create any new centres. However, there would be merit in reviewing the current application of employment and other related zones and permissible land uses within those zones, as part of the preparation of the LGMS, to determine whether the current approach is still suitable and appropriate, or where there may be scope for amendments. This includes addressing the following:

1. The role of Kempsey's villages and their current RU5 zoning, in terms of whether the current zone is still the most appropriate to apply, in facilitating the desired employment (and other) outcomes for these villages. As such, the LGMS should consider whether the RU5 zoning currently applied to some villages is still appropriate in achieving the desired planning intent and make recommendations in this regard;
2. A high level review of the objectives and levels of assessment currently applicable to the specific Business zones and Industrial zones (soon to be Employment zones) and whether these still accurately reflect the intended planning outcomes for these suite of zones (or whether zoning changes for specific areas may be required);
3. General comparison of whether some employment related land uses currently permitted within the Rural zone may also be appropriately permitted in the Industrial zones.

It is recommended that the LGMS undertake:

1. *A review of the RU5 zone and its current application across Kempsey Shire's villages, to determine whether this zone is still suitable or whether new zone/s could be more appropriately applied to better facilitate the desired planning and employment outcomes for villages;*
2. *A high level review of the objectives of the current Business and Industrial zones and whether the levels of assessment for particular land uses are still reflective of the desired land use outcomes for those suite of zones or whether zone changes are needed for certain employment areas to better reflect intended outcomes;*
3. *A general comparison of whether some employment related land uses currently permitted within the Rural zone may also be appropriately permitted in the Industrial zones.*

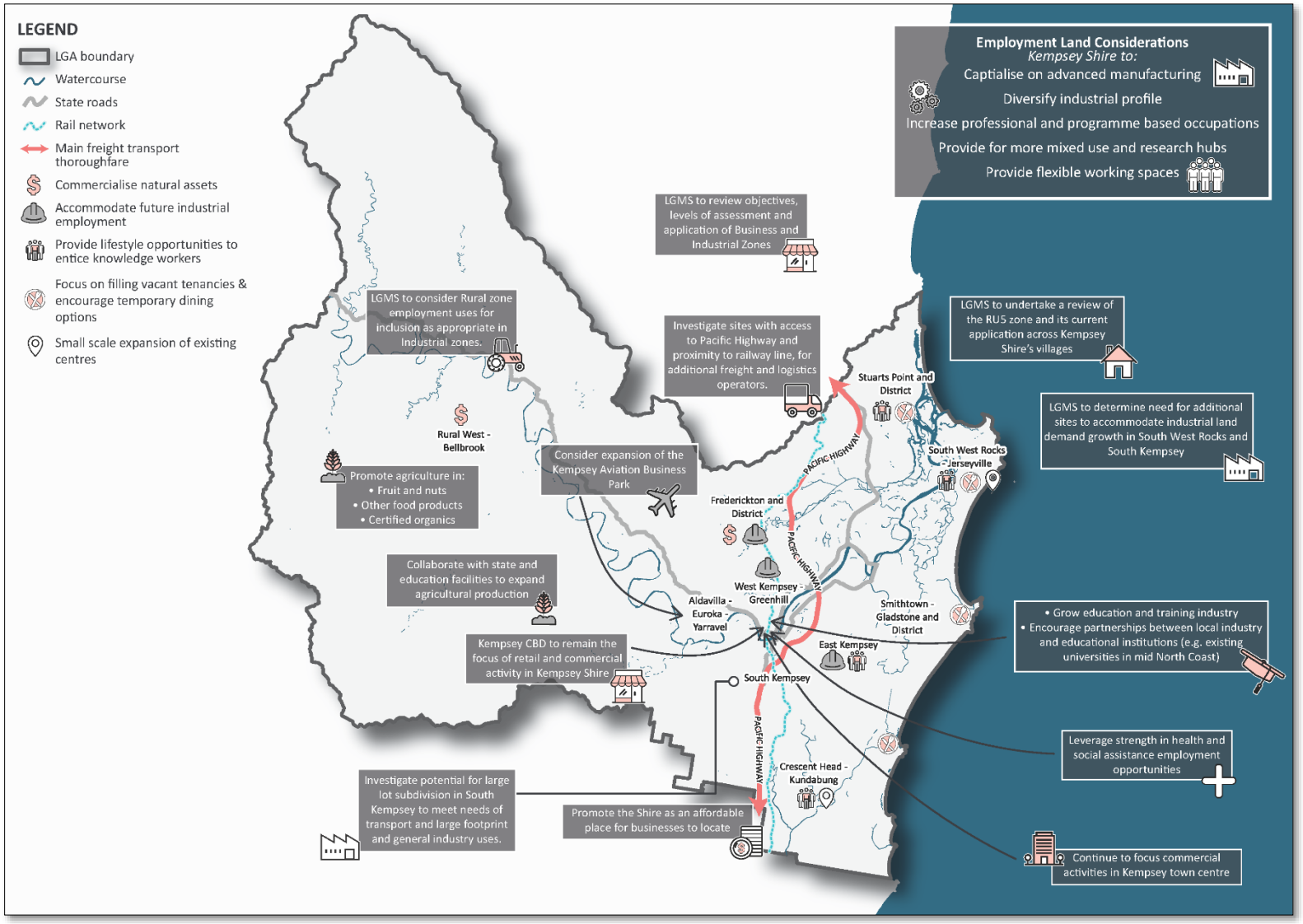
8.4 Summary of Recommendations for LGMS

As a consequence of the employment lands analysis undertaken, the following recommendations/issues for employment should be considered when preparing the Kempsey Local Growth Management Strategy (refer also Map 4), noting that many of these recommendations relate to lands already zoned for employment purposes as identified in Table E1 within the Executive Summary:

NO.	RECOMMENDATIONS
1.	The LGMS should consider how the following opportunities can be facilitated within Kempsey Shire and what strategies are required to achieve these outcomes: • Capitalising on advanced manufacturing processes; diversifying the industrial profile; increasing opportunities for professional and programme-based occupations and providing for a greater proportion of mixed use and research hubs; • Providing space (such as co-working or hotdesking space) to attract and retain Kempsey Shire's residents within existing centre zoned land. It is suggested that these uses are encouraged to locate within the B3 – Commercial Core zone to reinforce the centres hierarchy within the LGA; • Structuring the local business environment in a way which allows for flexible and low risk options for spaces as many Australian start-ups will not be receiving venture capital funding; • Leveraging Kempsey Shire's strength in health and social assistance employment to attract professionals to the area in order to expand service offerings, which will eventually be used to service the ageing population in the region. By taking advantage of educational opportunities in surrounding towns (e.g. Port Macquarie) and participating in the implementation of new technologies, the region could have an advantage within the health sector. It is envisaged that growth in health and social assistance employment that requires commercial office space (e.g. general practitioners, pathology collection centres, ultrasound/x-ray clinics and physiotherapists) would be accommodated throughout centres zones within the Shire, with sites in the B3 zone along Elbow Street considered particularly desirable by users that regularly interact with Kempsey District Hospital; • Working to grow the education and training industry in order to provide residents with the opportunity to up-skill and stay relevant in the evolving economy. This could be established through collaboration with universities and research institutes such as Charles Sturt University Campus in Port Macquarie. The Country University Centres (CUC) Macleay Valley (located in Kempsey CBD) has been operational since March 2021 and offers access to study spaces, computers, higher speed internet and video conferencing to support students in Kempsey studying

NO.	RECOMMENDATIONS
	at any Australian university. The continued support of this facility in collaboration with universities and research institutes within the Mid North Coast will enable locals to upskill and remain within Kempsey; • Seeking to provide a range of lifestyle opportunities and services to entice knowledge workers, rather than simply providing a place to work. Connections to the global network through substantial technological infrastructure will be integral; • Investigate opportunities to promote Kempsey Shire as an affordable and convenient location for businesses to locate, being located proximate to the Pacific Highway which is a main freight transport thoroughfare.
2.	Encourage opportunities to develop partnerships between local industry/s with existing educational facilities within the Mid North Coast region to encourage new residents to the area. This will lead to an increase in skill level of the workforce therefore diversifying the existing employment portfolio in the area.
3.	Encourage additional outsider investment to the Shire, such as continuing to commercialise its natural assets which bring in significant tourism.
4.	Continue to promote agriculture as an industry of significance within the Macleay Valley area (South Kempsey). Investigate the opportunity for Kempsey Shire to develop emerging capabilities in the production of fruit and nuts as well as other food products and including certified organics.
5.	Kempsey Shire, in collaboration with State government and education facilities, to investigate strategies to rapidly expand the value of agricultural production by linking intensive small scale farming to research, employment, training and utilisation of flood plain lands previously used by the dairy industry.
6.	Commercial office activity should be encouraged to continue to locate within the Kempsey town centre, in existing B3 zoned lands.
7.	Allow small scale expansion of existing centres (rather than the creation of additional centres) at South Kempsey (B4 and B1 zoned lands), Crescent Head (B1 zoned land) and South West Rocks (B2 zoned land), to cater for anticipated small scale shortfalls.
8.	Consider a policy position that future demand for comparison retail floor space within South West Rocks is best met by provision within the commercial core of Kempsey, rather than through the designation of additional centres in South West Rocks.
9.	Focus on filling vacant tenancies at existing centres within South West Rocks, as opposed to the delivery of additional centres within the catchment.
10.	Encourage the provision of temporary dining options (e.g. food trucks) as opposed to the delivery of permanent additional retail floor space in coastal tourist localities, to accommodate peak visitation periods and monitor trends in visitation (potentially through regular engagement with local tourism operators) to understand the length of the peak season and whether this represents a permanent shift since COVID-19.
11.	Consider designating a minor expansion to industrial areas within Frederickton (IN1 zoned land) and East Kempsey/West Kempsey (IN1 zoned land), to accommodate future industrial employment growth in these locations to 2041.
12.	Investigate the potential to service the large remaining industrial lot at South Kempsey (IN1 zoned land), to allow for the subdivision of this allotment to provide larger industrial allotments, should the need arise to accommodate these uses in the medium to longer term.

NO.	RECOMMENDATIONS
13.	Undertake further investigations as part of the LGMS to determine the quantum of vacant zoned land that is realistically developable, as this may indicate the need to identify additional sites to accommodate industrial land demand growth in localities such as South West Rocks and South Kempsey (i.e. where total industrial land supply exceeds projected industrial land demand).
14.	Undertake further investigations as part of the LGMS to identify potential sites within direct access to the Pacific Highway and within proximity to the railway line, which would act to attract additional freight and logistics operators to the region.
15.	Council to consider the potential for an expansion of the Kempsey Aviation Business Park, acknowledging that this is likely to appeal to only a sub-sector of industrial users (i.e. those that have an aviation focus or utilise the services of Kempsey Airport).
16.	The LGMS to undertake: 1. A review of the RU5 zone and its current application across Kempsey Shire's villages, to determine whether this zone is still suitable or whether new zone/s could be more appropriately applied to better facilitate the desired planning and employment outcomes for villages; 2. A high level review of the objectives of the current Business and Industrial zones and whether the levels of assessment for particular land uses are still reflective of the desired land use outcomes for those suite of zones or whether zone changes are needed for certain employment areas to better reflect intended outcomes; and 3. A general comparison of whether some employment related land uses currently permitted within the Rural zone may also be appropriately permitted in the Industrial zones.



Map 4 - Employment Lands Recommendations

APPENDIX A: SOCIO-ECONOMIC PROFILES OF EACH CATCHMENT AREA

AP0A

Table A-1: Socio-Economic Profile, Aldavilla – Euroka - Yarravel, 2006 to 2016

	Aldavilla –Euroka - Yarravel			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Age Distribution												
0-14 years	17.7%	17.8%	13.6%	20.8%	19.5%	17.2%	19.6%	18.6%	17.2%	19.8%	19.3%	18.5%
15-24 years	12.8%	13.7%	12.8%	10.5%	10.8%	10.4%	11.0%	10.7%	10.0%	13.3%	12.9%	12.5%
25-34 years	15.0%	12.0%	14.4%	9.1%	8.5%	9.3%	8.6%	8.3%	8.9%	13.6%	13.6%	14.3%
35-44 years	17.0%	13.3%	11.9%	12.8%	11.0%	10.0%	12.7%	11.5%	10.3%	14.6%	14.0%	13.4%
45-54 years	14.7%	14.4%	15.3%	15.4%	14.7%	12.9%	14.9%	14.4%	13.1%	13.8%	13.7%	13.1%
55-64 years	13.1%	14.8%	14.2%	13.9%	15.7%	16.4%	13.6%	14.9%	15.4%	11.0%	11.7%	11.9%
65+ years	9.9%	14.0%	17.7%	17.6%	19.8%	23.9%	19.6%	21.6%	25.1%	13.8%	14.7%	16.3%
Average age (years)	36.8	38.5	40.8	39.4	40.8	42.8	40.3	41.5	43.1	36.8	37.5	38.2
Household Type (% of dwellings)												
Couple families with children	34.6%	33.3%	30.9%	23.1%	21.1%	19.2%	24.4%	22.9%	21.5%	31.8%	31.7%	31.5%
Couple families without children	34.1%	36.6%	33.1%	28.4%	28.2%	27.3%	30.0%	30.2%	29.4%	24.1%	24.5%	24.2%
Single parent family	12.4%	9.6%	10.1%	13.9%	14.3%	13.5%	12.1%	12.1%	11.5%	10.8%	11.0%	10.7%
Lone person households	14.9%	16.3%	19.1%	24.8%	26.3%	26.3%	25.2%	26.3%	26.4%	22.8%	23.1%	22.4%
Average household size	3.7	3.4	3.3	2.5	2.5	2.4	2.5	2.4	2.4	2.7	2.7	2.7
Household Finances												
% of households fully owning home	44.0%	45.6%	44.5%	42.6%	41.5%	40.4%	41.3%	39.9%	39.7%	33.2%	31.9%	30.7%
% of households purchasing home	38.6%	41.0%	40.0%	25.1%	25.3%	24.5%	25.8%	26.1%	24.9%	30.2%	31.9%	30.4%
% of households renting	15.0%	9.0%	7.6%	25.6%	26.9%	24.3%	26.4%	27.4%	25.9%	28.4%	29.1%	30.3%
Average weekly household income	-		$1,375	-	-	$1,181	-	-	$1,301	-	-	$1,870
Average monthly housing loan repayment	-	-	$1,568	-	-	$1,416	-	-	$1,601	-	-	$2,173
Average weekly rent payment	-	-	$252	-	-	$248	-	-	$290	-	-	$401
Average housing costs (as a % of income)	-	-	11.9%	-	-	11.9%	-	-	12.8%	-	-	14.7%

	Aldavilla –Euroka - Yarravel			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Labour Market												
Full-time employment (% labour force)	53.9%	51.6%	50.5%	48.0%	48.5%	47.1%	49.8%	50.3%	49.8%	60.8%	60.2%	59.2%
Part-time employment (% labour force)	37.3%	39.9%	42.0%	37.4%	40.3%	41.2%	37.9%	39.4%	40.5%	30.6%	31.8%	32.7%
Total employment (% labour force)	91.2%	91.5%	92.5%	85.4%	88.8%	88.3%	87.7%	89.8%	90.2%	91.4%	92.0%	91.9%
Unemployment rate (% labour force)	7.7%	4.1%	5.7%	11.7%	8.9%	8.6%	9.9%	8.3%	7.8%	5.9%	5.9%	6.3%
Participation rate (% of population > 15 years)	43.2%	45.8%	41.5%	47.1%	45.3%	43.2%	50.1%	50.0%	48.4%	58.9%	59.7%	59.2%
Qualifications												
% of persons with a post-school qualification	27.3%	33.9%	35.4%	31.2%	35.5%	39.0%	35.9%	41.0%	45.4%	40.7%	45.8%	50.4%
% Bachelor or Higher degree	6.4%	6.4%	7.2%	6.0%	7.4%	8.2%	8.7%	10.7%	12.5%	16.5%	19.9%	23.4%
% Advanced Diploma or Diploma	3.4%	5.5%	5.7%	4.7%	5.5%	6.3%	6.3%	7.2%	8.4%	7.4%	8.3%	8.9%
% Vocational	17.4%	22.0%	22.5%	20.4%	22.6%	24.5%	20.9%	23.1%	24.5%	16.8%	17.7%	18.1%
% No qualification	37.8%	39.1%	35.4%	53.4%	49.9%	44.1%	50.7%	46.7%	41.8%	45.5%	42.8%	39.1%
Occupation												
Upper White Collar												
Managers	11.7%	10.3%	10.6%	13.8%	12.5%	11.6%	13.3%	12.3%	11.9%	18.1%	13.3%	13.5%
Professionals	15.4%	13.3%	13.0%	13.4%	14.4%	14.5%	16.1%	17.4%	18.2%	14.4%	22.7%	23.6%
Subtotal	27.1%	23.5%	23.6%	27.2%	26.9%	26.2%	29.3%	29.7%	30.1%	32.5%	36.1%	37.1%
Lower White Collar												
Community & Personal Service Workers	9.3%	12.6%	17.2%	12.0%	13.6%	14.7%	10.7%	12.1%	12.9%	8.9%	9.5%	10.4%
Clerical and Admin Workers	15.7%	14.1%	12.9%	11.9%	12.0%	11.1%	13.2%	13.3%	12.2%	11.7%	15.1%	13.8%
Sales Workers	12.7%	13.7%	11.8%	10.6%	10.7%	10.3%	11.4%	11.2%	10.6%	9.4%	9.3%	9.2%
Subtotal	37.7%	40.3%	41.9%	34.4%	36.3%	36.1%	35.3%	36.5%	35.8%	30.0%	33.8%	33.4%
Upper Blue Collar												

	Aldavilla –Euroka - Yarravel			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Technicians & Trades Workers	14.1%	12.0%	13.9%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Subtotal	14.1%	12.0%	13.9%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Lower Blue Collar												
Machinery Operators & Drivers	6.9%	9.5%	9.6%	7.1%	7.2%	7.0%	5.8%	5.9%	6.0%	7.2%	6.4%	6.1%
Labourers	11.7%	11.2%	10.3%	14.6%	13.9%	14.6%	12.9%	11.9%	12.4%	13.9%	8.7%	8.8%
Subtotal	18.6%	20.6%	19.9%	21.7%	21.0%	21.7%	18.6%	17.7%	18.4%	21.1%	15.1%	14.9%
Employment by Industry (% of employees)												
Agriculture, forestry & fishing	4.9%	4.1%	3.4%	6.3%	5.2%	5.8%	4.7%	4.0%	4.8%	2.7%	2.2%	2.1%
Mining	0.4%	0.4%	0.0%	0.1%	0.4%	0.3%	0.2%	0.5%	0.5%	0.7%	1.0%	0.9%
Manufacturing	9.7%	7.6%	5.8%	8.2%	7.6%	6.2%	7.4%	6.4%	4.6%	9.6%	8.4%	5.8%
Electricity, gas, water & waste services	0.9%	2.0%	0.9%	1.1%	1.2%	1.0%	1.6%	2.1%	1.6%	1.0%	1.1%	0.9%
Construction	6.1%	8.4%	9.9%	8.7%	8.9%	9.8%	8.9%	9.0%	10.0%	7.3%	7.3%	8.4%
Wholesale trade	3.1%	3.2%	1.4%	3.0%	2.5%	1.2%	2.9%	2.6%	1.8%	4.7%	4.4%	3.1%
Retail trade	16.1%	17.5%	14.6%	13.9%	13.6%	12.2%	14.8%	13.5%	11.9%	11.1%	10.3%	9.7%
Accommodation & food services	4.6%	5.0%	8.1%	9.0%	8.9%	8.9%	9.2%	9.0%	8.9%	6.5%	6.7%	7.1%
Transport, postal & warehousing	6.0%	5.5%	5.6%	4.8%	4.5%	4.5%	3.8%	3.8%	3.7%	5.0%	4.9%	4.7%
Information media & telecommunications	1.2%	0.3%	0.0%	1.0%	0.7%	0.3%	1.1%	1.0%	0.8%	2.4%	2.3%	2.2%
Financial & insurance services	1.3%	1.0%	0.7%	1.5%	1.4%	1.2%	2.1%	2.0%	1.6%	5.0%	5.0%	4.9%
Rental, hiring & real estate services	1.9%	1.0%	1.1%	1.6%	1.1%	1.2%	1.9%	1.7%	1.6%	1.7%	1.6%	1.8%
Professional, scientific & technical services	3.7%	2.6%	2.9%	2.9%	3.2%	3.1%	3.9%	4.1%	4.0%	7.3%	7.9%	8.1%
Administrative & support services	1.8%	2.7%	2.9%	2.7%	3.2%	3.9%	2.7%	3.1%	3.6%	3.1%	3.3%	3.5%
Public administration & safety	5.7%	6.2%	8.8%	6.6%	6.6%	6.4%	5.3%	5.5%	5.4%	6.0%	6.1%	6.0%
Education & training	10.7%	10.8%	10.9%	8.6%	8.9%	9.1%	8.5%	8.7%	9.1%	7.6%	7.9%	8.4%
Health care & social assistance	13.9%	14.4%	16.2%	12.6%	15.4%	16.1%	13.3%	15.8%	17.3%	10.5%	11.6%	12.5%
Arts & recreation services	1.3%	1.1%	0.5%	1.1%	1.0%	0.9%	1.3%	1.3%	1.3%	1.4%	1.5%	1.5%
Other services	2.7%	3.0%	3.0%	3.5%	3.3%	3.5%	4.1%	4.0%	3.9%	3.8%	3.7%	3.7%

Table A-2: Socio-Economic Profile, South Kempsey/ Crescent Head - Kundabung, 2006 to 2016

	South Kempsey/ Crescent Head - Kundabung			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Age Distribution												
0-14 years	23.3%	22.5%	19.8%	20.8%	19.5%	17.2%	19.6%	18.6%	17.2%	19.8%	19.3%	18.5%
15-24 years	11.4%	11.9%	10.7%	10.5%	10.8%	10.4%	11.0%	10.7%	10.0%	13.3%	12.9%	12.5%
25-34 years	8.9%	8.5%	9.0%	9.1%	8.5%	9.3%	8.6%	8.3%	8.9%	13.6%	13.6%	14.3%
35-44 years	13.8%	11.8%	11.7%	12.8%	11.0%	10.0%	12.7%	11.5%	10.3%	14.6%	14.0%	13.4%
45-54 years	17.4%	16.7%	13.9%	15.4%	14.7%	12.9%	14.9%	14.4%	13.1%	13.8%	13.7%	13.1%
55-64 years	12.3%	14.8%	17.1%	13.9%	15.7%	16.4%	13.6%	14.9%	15.4%	11.0%	11.7%	11.9%
65+ years	12.8%	13.8%	17.8%	17.6%	19.8%	23.9%	19.6%	21.6%	25.1%	13.8%	14.7%	16.3%
Average age (years)	36.9	37.8	40.3	39.4	40.8	42.8	40.3	41.5	43.1	36.8	37.5	38.2
Household Type (% of dwellings)												
Couple families with children	22.2%	21.5%	19.9%	23.1%	21.1%	19.2%	24.4%	22.9%	21.5%	31.8%	31.7%	31.5%
Couple families without children	25.1%	26.4%	25.0%	28.4%	28.2%	27.3%	30.0%	30.2%	29.4%	24.1%	24.5%	24.2%
Single parent family	12.6%	13.0%	12.4%	13.9%	14.3%	13.5%	12.1%	12.1%	11.5%	10.8%	11.0%	10.7%
Lone person households	26.4%	29.1%	27.4%	24.8%	26.3%	26.3%	25.2%	26.3%	26.4%	22.8%	23.1%	22.4%
Average household size	2.4	2.5	2.5	2.5	2.5	2.4	2.5	2.4	2.4	2.7	2.7	2.7
Household Finances												
% of households fully owning home	36.8%	36.5%	35.1%	42.6%	41.5%	40.4%	41.3%	39.9%	39.7%	33.2%	31.9%	30.7%
% of households purchasing home	24.0%	26.0%	25.6%	25.1%	25.3%	24.5%	25.8%	26.1%	24.9%	30.2%	31.9%	30.4%
% of households renting	28.2%	31.1%	24.6%	25.6%	26.9%	24.3%	26.4%	27.4%	25.9%	28.4%	29.1%	30.3%
Average weekly household income	-	-	$1,227	-	-	$1,181	-	-	$1,301	-	-	$1,870
Average monthly housing loan repayment	-	-	$1,272	-	-	$1,416	-	-	$1,601	-	-	$2,173
Average weekly rent payment	-	-	$244	-	-	$248	-	-	$290	-	-	$401
Average housing costs (as a % of income)	-	-	11.0%	-	-	11.9%	-	-	12.8%	-	-	14.7%
Labour Market												

	South Kempsey/ Crescent Head - Kundabung			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Full-time employment (% labour force)	45.4%	47.8%	46.9%	48.0%	48.5%	47.1%	49.8%	50.3%	49.8%	60.8%	60.2%	59.2%
Part-time employment (% labour force)	37.9%	38.9%	41.0%	37.4%	40.3%	41.2%	37.9%	39.4%	40.5%	30.6%	31.8%	32.7%
Total employment (% labour force)	83.4%	86.7%	87.9%	85.4%	88.8%	88.3%	87.7%	89.8%	90.2%	91.4%	92.0%	91.9%
Unemployment rate (% labour force)	13.2%	12.3%	9.2%	11.7%	8.9%	8.6%	9.9%	8.3%	7.8%	5.9%	5.9%	6.3%
Participation rate (% of population > 15 years)	32.7%	32.2%	29.6%	47.1%	45.3%	43.2%	50.1%	50.0%	48.4%	58.9%	59.7%	59.2%
Qualifications												
% of persons with a post-school qualification	22.1%	25.1%	27.8%	31.2%	35.5%	39.0%	35.9%	41.0%	45.4%	40.7%	45.8%	50.4%
% Bachelor or Higher degree	5.1%	6.4%	7.1%	6.0%	7.4%	8.2%	8.7%	10.7%	12.5%	16.5%	19.9%	23.4%
% Advanced Diploma or Diploma	3.9%	3.6%	4.6%	4.7%	5.5%	6.3%	6.3%	7.2%	8.4%	7.4%	8.3%	8.9%
% Vocational	13.1%	15.0%	16.1%	20.4%	22.6%	24.5%	20.9%	23.1%	24.5%	16.8%	17.7%	18.1%
% No qualification	33.6%	32.6%	26.7%	53.4%	49.9%	44.1%	50.7%	46.7%	41.8%	45.5%	42.8%	39.1%
Occupation												
Upper White Collar												
Managers	9.4%	8.0%	6.5%	13.8%	12.5%	11.6%	13.3%	12.3%	11.9%	18.1%	13.3%	13.5%
Professionals	12.4%	13.7%	14.8%	13.4%	14.4%	14.5%	16.1%	17.4%	18.2%	14.4%	22.7%	23.6%
Subtotal	21.8%	21.7%	21.3%	27.2%	26.9%	26.2%	29.3%	29.7%	30.1%	32.5%	36.1%	37.1%
Lower White Collar												
Community & Personal Service Workers	8.3%	9.3%	9.9%	12.0%	13.6%	14.7%	10.7%	12.1%	12.9%	8.9%	9.5%	10.4%
Clerical and Admin Workers	7.1%	7.2%	7.3%	11.9%	12.0%	11.1%	13.2%	13.3%	12.2%	11.7%	15.1%	13.8%
Sales Workers	7.7%	6.6%	7.4%	10.6%	10.7%	10.3%	11.4%	11.2%	10.6%	9.4%	9.3%	9.2%
Subtotal	23.1%	23.1%	24.6%	34.4%	36.3%	36.1%	35.3%	36.5%	35.8%	30.0%	33.8%	33.4%
Upper Blue Collar												
Technicians & Trades Workers	10.3%	10.3%	9.0%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%

	South Kempsey/ Crescent Head - Kundabung			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Subtotal	10.3%	10.3%	9.0%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Lower Blue Collar												
Machinery Operators & Drivers	4.0%	5.1%	5.1%	7.1%	7.2%	7.0%	5.8%	5.9%	6.0%	7.2%	6.4%	6.1%
Labourers	8.2%	9.0%	8.8%	14.6%	13.9%	14.6%	12.9%	11.9%	12.4%	13.9%	8.7%	8.8%
Subtotal	12.1%	14.2%	13.9%	21.7%	21.0%	21.7%	18.6%	17.7%	18.4%	21.1%	15.1%	14.9%
Employment by Industry (% of employees)												
Agriculture, forestry & fishing	3.2%	2.4%	2.8%	6.3%	5.2%	5.8%	4.7%	4.0%	4.8%	2.7%	2.2%	2.1%
Mining	0.0%	0.0%	0.0%	0.1%	0.4%	0.3%	0.2%	0.5%	0.5%	0.7%	1.0%	0.9%
Manufacturing	6.7%	6.7%	6.0%	8.2%	7.6%	6.2%	7.4%	6.4%	4.6%	9.6%	8.4%	5.8%
Electricity, gas, water & waste services	1.2%	1.5%	2.1%	1.1%	1.2%	1.0%	1.6%	2.1%	1.6%	1.0%	1.1%	0.9%
Construction	9.2%	10.2%	9.8%	8.7%	8.9%	9.8%	8.9%	9.0%	10.0%	7.3%	7.3%	8.4%
Wholesale trade	3.0%	2.1%	1.4%	3.0%	2.5%	1.2%	2.9%	2.6%	1.8%	4.7%	4.4%	3.1%
Retail trade	13.6%	11.6%	11.4%	13.9%	13.6%	12.2%	14.8%	13.5%	11.9%	11.1%	10.3%	9.7%
Accommodation & food services	10.7%	9.2%	8.5%	9.0%	8.9%	8.9%	9.2%	9.0%	8.9%	6.5%	6.7%	7.1%
Transport, postal & warehousing	4.7%	4.8%	6.2%	4.8%	4.5%	4.5%	3.8%	3.8%	3.7%	5.0%	4.9%	4.7%
Information media & telecommunications	1.4%	0.7%	0.3%	1.0%	0.7%	0.3%	1.1%	1.0%	0.8%	2.4%	2.3%	2.2%
Financial & insurance services	0.8%	0.7%	0.2%	1.5%	1.4%	1.2%	2.1%	2.0%	1.6%	5.0%	5.0%	4.9%
Rental, hiring & real estate services	0.8%	1.0%	1.9%	1.6%	1.1%	1.2%	1.9%	1.7%	1.6%	1.7%	1.6%	1.8%
Professional, scientific & technical services	3.6%	3.8%	3.4%	2.9%	3.2%	3.1%	3.9%	4.1%	4.0%	7.3%	7.9%	8.1%
Administrative & support services	2.9%	2.4%	2.6%	2.7%	3.2%	3.9%	2.7%	3.1%	3.6%	3.1%	3.3%	3.5%
Public administration & safety	5.7%	7.0%	6.0%	6.6%	6.6%	6.4%	5.3%	5.5%	5.4%	6.0%	6.1%	6.0%
Education & training	12.8%	13.0%	12.8%	8.6%	8.9%	9.1%	8.5%	8.7%	9.1%	7.6%	7.9%	8.4%
Health care & social assistance	13.1%	16.2%	16.7%	12.6%	15.4%	16.1%	13.3%	15.8%	17.3%	10.5%	11.6%	12.5%
Arts & recreation services	0.5%	1.0%	0.8%	1.1%	1.0%	0.9%	1.3%	1.3%	1.3%	1.4%	1.5%	1.5%
Other services	2.5%	3.9%	3.0%	3.5%	3.3%	3.5%	4.1%	4.0%	3.9%	3.8%	3.7%	3.7%

Table A-3: Socio-Economic Profile, East Kempsey/ West Kempsey - Greenhill, 2006 to 2016

	East Kempsey/ West Kempsey - Greenhill			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Age Distribution												
0-14 years	21.9%	23.0%	21.3%	20.8%	19.5%	17.2%	19.6%	18.6%	17.2%	19.8%	19.3%	18.5%
15-24 years	11.0%	11.4%	11.5%	10.5%	10.8%	10.4%	11.0%	10.7%	10.0%	13.3%	12.9%	12.5%
25-34 years	10.3%	10.1%	10.8%	9.1%	8.5%	9.3%	8.6%	8.3%	8.9%	13.6%	13.6%	14.3%
35-44 years	11.3%	9.9%	9.5%	12.8%	11.0%	10.0%	12.7%	11.5%	10.3%	14.6%	14.0%	13.4%
45-54 years	12.6%	12.2%	10.7%	15.4%	14.7%	12.9%	14.9%	14.4%	13.1%	13.8%	13.7%	13.1%
55-64 years	11.9%	12.7%	13.0%	13.9%	15.7%	16.4%	13.6%	14.9%	15.4%	11.0%	11.7%	11.9%
65+ years	21.1%	20.7%	23.2%	17.6%	19.8%	23.9%	19.6%	21.6%	25.1%	13.8%	14.7%	16.3%
Average age (years)	39.2	38.8	40.0	39.4	40.8	42.8	40.3	41.5	43.1	36.8	37.5	38.2
Household Type (% of dwellings)												
Couple families with children	21.1%	17.9%	16.2%	23.1%	21.1%	19.2%	24.4%	22.9%	21.5%	31.8%	31.7%	31.5%
Couple families without children	23.6%	22.7%	20.8%	28.4%	28.2%	27.3%	30.0%	30.2%	29.4%	24.1%	24.5%	24.2%
Single parent family	17.6%	19.4%	18.6%	13.9%	14.3%	13.5%	12.1%	12.1%	11.5%	10.8%	11.0%	10.7%
Lone person households	31.3%	32.7%	30.7%	24.8%	26.3%	26.3%	25.2%	26.3%	26.4%	22.8%	23.1%	22.4%
Average household size	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.4	2.4	2.7	2.7	2.7
Household Finances												
% of households fully owning home	36.3%	33.6%	30.3%	42.6%	41.5%	40.4%	41.3%	39.9%	39.7%	33.2%	31.9%	30.7%
% of households purchasing home	23.2%	23.4%	21.9%	25.1%	25.3%	24.5%	25.8%	26.1%	24.9%	30.2%	31.9%	30.4%
% of households renting	34.0%	37.0%	35.1%	25.6%	26.9%	24.3%	26.4%	27.4%	25.9%	28.4%	29.1%	30.3%
Average weekly household income	-	-	$1,033	-	-	$1,181	-	-	$1,301	-	-	$1,870
Average monthly housing loan repayment	-	-	$1,203	-	-	$1,416	-	-	$1,601	-	-	$2,173
Average weekly rent payment	-	-	$228	-	-	$248	-	-	$290	-	-	$401
Average housing costs (as a % of income)	-	-	13.6%	-	-	11.9%	-	-	12.8%	-	-	14.7%
Labour Market												
Full-time employment (% labour force)	49.9%	48.4%	45.2%	48.0%	48.5%	47.1%	49.8%	50.3%	49.8%	60.8%	60.2%	59.2%

	East Kempsey/ West Kempsey - Greenhill			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Part-time employment (% labour force)	34.5%	36.9%	41.3%	37.4%	40.3%	41.2%	37.9%	39.4%	40.5%	30.6%	31.8%	32.7%
Total employment (% labour force)	84.3%	85.3%	86.4%	85.4%	88.8%	88.3%	87.7%	89.8%	90.2%	91.4%	92.0%	91.9%
Unemployment rate (% labour force)	13.3%	13.8%	10.4%	11.7%	8.9%	8.6%	9.9%	8.3%	7.8%	5.9%	5.9%	6.3%
Participation rate (% of population > 15 years)	26.4%	24.7%	23.6%	47.1%	45.3%	43.2%	50.1%	50.0%	48.4%	58.9%	59.7%	59.2%
Qualifications												
% of persons with a post-school qualification	15.9%	17.4%	20.0%	31.2%	35.5%	39.0%	35.9%	41.0%	45.4%	40.7%	45.8%	50.4%
% Bachelor or Higher degree	2.8%	2.4%	3.9%	6.0%	7.4%	8.2%	8.7%	10.7%	12.5%	16.5%	19.9%	23.4%
% Advanced Diploma or Diploma	2.1%	2.5%	2.8%	4.7%	5.5%	6.3%	6.3%	7.2%	8.4%	7.4%	8.3%	8.9%
% Vocational	10.9%	12.5%	13.3%	20.4%	22.6%	24.5%	20.9%	23.1%	24.5%	16.8%	17.7%	18.1%
% No qualification	33.7%	33.2%	27.2%	53.4%	49.9%	44.1%	50.7%	46.7%	41.8%	45.5%	42.8%	39.1%
Occupation												
Upper White Collar												
Managers	5.7%	4.7%	4.4%	13.8%	12.5%	11.6%	13.3%	12.3%	11.9%	18.1%	13.3%	13.5%
Professionals	6.7%	7.5%	7.7%	13.4%	14.4%	14.5%	16.1%	17.4%	18.2%	14.4%	22.7%	23.6%
Subtotal	12.4%	12.2%	12.1%	27.2%	26.9%	26.2%	29.3%	29.7%	30.1%	32.5%	36.1%	37.1%
Lower White Collar												
Community & Personal Service Workers	8.2%	10.8%	10.9%	12.0%	13.6%	14.7%	10.7%	12.1%	12.9%	8.9%	9.5%	10.4%
Clerical and Admin Workers	7.7%	8.0%	6.8%	11.9%	12.0%	11.1%	13.2%	13.3%	12.2%	11.7%	15.1%	13.8%
Sales Workers	7.4%	7.3%	7.0%	10.6%	10.7%	10.3%	11.4%	11.2%	10.6%	9.4%	9.3%	9.2%
Subtotal	23.3%	26.2%	24.7%	34.4%	36.3%	36.1%	35.3%	36.5%	35.8%	30.0%	33.8%	33.4%
Upper Blue Collar												
Technicians & Trades Workers	8.8%	8.3%	8.2%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Subtotal	8.8%	8.3%	8.2%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%

	East Kempsey/ West Kempsey - Greenhill			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Lower Blue Collar												
Machinery Operators & Drivers	5.5%	4.9%	4.6%	7.1%	7.2%	7.0%	5.8%	5.9%	6.0%	7.2%	6.4%	6.1%
Labourers	8.6%	8.7%	10.5%	14.6%	13.9%	14.6%	12.9%	11.9%	12.4%	13.9%	8.7%	8.8%
Subtotal	14.1%	13.5%	15.1%	21.7%	21.0%	21.7%	18.6%	17.7%	18.4%	21.1%	15.1%	14.9%
Employment by Industry (% of employees)												
Agriculture, forestry & fishing	2.4%	1.2%	1.6%	6.3%	5.2%	5.8%	4.7%	4.0%	4.8%	2.7%	2.2%	2.1%
Mining	0.1%	0.0%	0.1%	0.1%	0.4%	0.3%	0.2%	0.5%	0.5%	0.7%	1.0%	0.9%
Manufacturing	8.4%	6.9%	6.2%	8.2%	7.6%	6.2%	7.4%	6.4%	4.6%	9.6%	8.4%	5.8%
Electricity, gas, water & waste services	0.5%	0.5%	0.5%	1.1%	1.2%	1.0%	1.6%	2.1%	1.6%	1.0%	1.1%	0.9%
Construction	7.6%	7.1%	9.3%	8.7%	8.9%	9.8%	8.9%	9.0%	10.0%	7.3%	7.3%	8.4%
Wholesale trade	3.1%	2.0%	0.7%	3.0%	2.5%	1.2%	2.9%	2.6%	1.8%	4.7%	4.4%	3.1%
Retail trade	16.8%	15.9%	13.5%	13.9%	13.6%	12.2%	14.8%	13.5%	11.9%	11.1%	10.3%	9.7%
Accommodation & food services	8.2%	9.3%	8.8%	9.0%	8.9%	8.9%	9.2%	9.0%	8.9%	6.5%	6.7%	7.1%
Transport, postal & warehousing	5.8%	5.9%	5.6%	4.8%	4.5%	4.5%	3.8%	3.8%	3.7%	5.0%	4.9%	4.7%
Information media & telecommunications	0.6%	0.5%	0.0%	1.0%	0.7%	0.3%	1.1%	1.0%	0.8%	2.4%	2.3%	2.2%
Financial & insurance services	2.2%	1.1%	0.8%	1.5%	1.4%	1.2%	2.1%	2.0%	1.6%	5.0%	5.0%	4.9%
Rental, hiring & real estate services	1.9%	0.4%	0.1%	1.6%	1.1%	1.2%	1.9%	1.7%	1.6%	1.7%	1.6%	1.8%
Professional, scientific & technical services	2.5%	3.3%	2.3%	2.9%	3.2%	3.1%	3.9%	4.1%	4.0%	7.3%	7.9%	8.1%
Administrative & support services	2.5%	3.6%	4.9%	2.7%	3.2%	3.9%	2.7%	3.1%	3.6%	3.1%	3.3%	3.5%
Public administration & safety	7.3%	7.3%	7.4%	6.6%	6.6%	6.4%	5.3%	5.5%	5.4%	6.0%	6.1%	6.0%
Education & training	7.3%	7.9%	8.0%	8.6%	8.9%	9.1%	8.5%	8.7%	9.1%	7.6%	7.9%	8.4%
Health care & social assistance	15.9%	20.1%	20.5%	12.6%	15.4%	16.1%	13.3%	15.8%	17.3%	10.5%	11.6%	12.5%
Arts & recreation services	0.6%	0.4%	0.3%	1.1%	1.0%	0.9%	1.3%	1.3%	1.3%	1.4%	1.5%	1.5%
Other services	4.0%	4.4%	4.2%	3.5%	3.3%	3.5%	4.1%	4.0%	3.9%	3.8%	3.7%	3.7%

Table A-4: Socio-Economic Profile, Frederickton and District, 2006 to 2016

	Frederickton and District			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Age Distribution												
0-14 years	26.1%	21.3%	17.6%	20.8%	19.5%	17.2%	19.6%	18.6%	17.2%	19.8%	19.3%	18.5%
15-24 years	11.9%	11.9%	11.8%	10.5%	10.8%	10.4%	11.0%	10.7%	10.0%	13.3%	12.9%	12.5%
25-34 years	8.2%	7.7%	8.9%	9.1%	8.5%	9.3%	8.6%	8.3%	8.9%	13.6%	13.6%	14.3%
35-44 years	13.8%	12.1%	10.7%	12.8%	11.0%	10.0%	12.7%	11.5%	10.3%	14.6%	14.0%	13.4%
45-54 years	15.4%	15.2%	13.1%	15.4%	14.7%	12.9%	14.9%	14.4%	13.1%	13.8%	13.7%	13.1%
55-64 years	12.0%	14.7%	15.3%	13.9%	15.7%	16.4%	13.6%	14.9%	15.4%	11.0%	11.7%	11.9%
65+ years	12.6%	17.2%	22.7%	17.6%	19.8%	23.9%	19.6%	21.6%	25.1%	13.8%	14.7%	16.3%
Average age (years)	35.6	39.2	41.8	39.4	40.8	42.8	40.3	41.5	43.1	36.8	37.5	38.2
Household Type (% of dwellings)												
Couple families with children	31.4%	29.1%	24.9%	23.1%	21.1%	19.2%	24.4%	22.9%	21.5%	31.8%	31.7%	31.5%
Couple families without children	25.6%	27.7%	27.8%	28.4%	28.2%	27.3%	30.0%	30.2%	29.4%	24.1%	24.5%	24.2%
Single parent family	17.4%	14.2%	16.1%	13.9%	14.3%	13.5%	12.1%	12.1%	11.5%	10.8%	11.0%	10.7%
Lone person households	20.4%	22.0%	19.7%	24.8%	26.3%	26.3%	25.2%	26.3%	26.4%	22.8%	23.1%	22.4%
Average household size	2.8	2.8	2.8	2.5	2.5	2.4	2.5	2.4	2.4	2.7	2.7	2.7
Household Finances												
% of households fully owning home	43.2%	41.8%	39.1%	42.6%	41.5%	40.4%	41.3%	39.9%	39.7%	33.2%	31.9%	30.7%
% of households purchasing home	33.8%	33.0%	31.6%	25.1%	25.3%	24.5%	25.8%	26.1%	24.9%	30.2%	31.9%	30.4%
% of households renting	17.5%	20.1%	19.0%	25.6%	26.9%	24.3%	26.4%	27.4%	25.9%	28.4%	29.1%	30.3%
Average weekly household income	-	-	$1,211	-	-	$1,181	-	-	$1,301	-	-	$1,870
Average monthly housing loan repayment	-	-	$1,324	-	-	$1,416	-	-	$1,601	-	-	$2,173
Average weekly rent payment	-	-	$254	-	-	$248	-	-	$290	-	-	$401
Average housing costs (as a % of income)	-	-	11.9%	-	-	11.9%	-	-	12.8%	-	-	14.7%
Labour Market												

	Frederickton and District			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Full-time employment (% labour force)	47.8%	50.9%	47.5%	48.0%	48.5%	47.1%	49.8%	50.3%	49.8%	60.8%	60.2%	59.2%
Part-time employment (% labour force)	36.6%	37.7%	41.7%	37.4%	40.3%	41.2%	37.9%	39.4%	40.5%	30.6%	31.8%	32.7%
Total employment (% labour force)	84.4%	88.5%	89.2%	85.4%	88.8%	88.3%	87.7%	89.8%	90.2%	91.4%	92.0%	91.9%
Unemployment rate (% labour force)	12.4%	9.1%	7.9%	11.7%	8.9%	8.6%	9.9%	8.3%	7.8%	5.9%	5.9%	6.3%
Participation rate (% of population > 15 years)	56.5%	50.2%	47.5%	47.1%	45.3%	43.2%	50.1%	50.0%	48.4%	58.9%	59.7%	59.2%
Qualifications												
% of persons with a post-school qualification	32.5%	33.2%	38.8%	31.2%	35.5%	39.0%	35.9%	41.0%	45.4%	40.7%	45.8%	50.4%
% Bachelor or Higher degree	5.2%	3.1%	5.9%	6.0%	7.4%	8.2%	8.7%	10.7%	12.5%	16.5%	19.9%	23.4%
% Advanced Diploma or Diploma	4.3%	4.9%	6.4%	4.7%	5.5%	6.3%	6.3%	7.2%	8.4%	7.4%	8.3%	8.9%
% Vocational	23.1%	25.2%	26.5%	20.4%	22.6%	24.5%	20.9%	23.1%	24.5%	16.8%	17.7%	18.1%
% No qualification	57.2%	52.6%	48.6%	53.4%	49.9%	44.1%	50.7%	46.7%	41.8%	45.5%	42.8%	39.1%
Occupation												
Upper White Collar												
Managers	6.7%	5.1%	5.3%	13.8%	12.5%	11.6%	13.3%	12.3%	11.9%	18.1%	13.3%	13.5%
Professionals	4.9%	5.8%	6.4%	13.4%	14.4%	14.5%	16.1%	17.4%	18.2%	14.4%	22.7%	23.6%
Subtotal	11.6%	10.8%	11.7%	27.2%	26.9%	26.2%	29.3%	29.7%	30.1%	32.5%	36.1%	37.1%
Lower White Collar												
Community & Personal Service Workers	5.8%	6.7%	5.9%	12.0%	13.6%	14.7%	10.7%	12.1%	12.9%	8.9%	9.5%	10.4%
Clerical and Admin Workers	6.7%	6.2%	4.8%	11.9%	12.0%	11.1%	13.2%	13.3%	12.2%	11.7%	15.1%	13.8%
Sales Workers	5.1%	5.6%	6.2%	10.6%	10.7%	10.3%	11.4%	11.2%	10.6%	9.4%	9.3%	9.2%
Subtotal	17.7%	18.5%	17.0%	34.4%	36.3%	36.1%	35.3%	36.5%	35.8%	30.0%	33.8%	33.4%
Upper Blue Collar												
Technicians & Trades Workers	7.3%	8.3%	7.7%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%

	Frederickton and District			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Subtotal	7.3%	8.3%	7.7%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Lower Blue Collar												
Machinery Operators & Drivers	3.8%	2.7%	3.5%	7.1%	7.2%	7.0%	5.8%	5.9%	6.0%	7.2%	6.4%	6.1%
Labourers	8.9%	9.0%	8.4%	14.6%	13.9%	14.6%	12.9%	11.9%	12.4%	13.9%	8.7%	8.8%
Subtotal	12.7%	11.7%	11.9%	21.7%	21.0%	21.7%	18.6%	17.7%	18.4%	21.1%	15.1%	14.9%
Employment by Industry (% of employees)												
Agriculture, forestry & fishing	9.1%	6.2%	6.6%	6.3%	5.2%	5.8%	4.7%	4.0%	4.8%	2.7%	2.2%	2.1%
Mining	0.0%	0.0%	0.4%	0.1%	0.4%	0.3%	0.2%	0.5%	0.5%	0.7%	1.0%	0.9%
Manufacturing	10.3%	11.2%	9.5%	8.2%	7.6%	6.2%	7.4%	6.4%	4.6%	9.6%	8.4%	5.8%
Electricity, gas, water & waste services	0.8%	0.5%	0.7%	1.1%	1.2%	1.0%	1.6%	2.1%	1.6%	1.0%	1.1%	0.9%
Construction	8.6%	6.8%	9.5%	8.7%	8.9%	9.8%	8.9%	9.0%	10.0%	7.3%	7.3%	8.4%
Wholesale trade	4.8%	4.0%	1.2%	3.0%	2.5%	1.2%	2.9%	2.6%	1.8%	4.7%	4.4%	3.1%
Retail trade	14.4%	14.7%	13.0%	13.9%	13.6%	12.2%	14.8%	13.5%	11.9%	11.1%	10.3%	9.7%
Accommodation & food services	5.8%	8.2%	8.7%	9.0%	8.9%	8.9%	9.2%	9.0%	8.9%	6.5%	6.7%	7.1%
Transport, postal & warehousing	5.2%	4.9%	2.7%	4.8%	4.5%	4.5%	3.8%	3.8%	3.7%	5.0%	4.9%	4.7%
Information media & telecommunications	0.5%	0.0%	0.0%	1.0%	0.7%	0.3%	1.1%	1.0%	0.8%	2.4%	2.3%	2.2%
Financial & insurance services	1.0%	1.3%	1.1%	1.5%	1.4%	1.2%	2.1%	2.0%	1.6%	5.0%	5.0%	4.9%
Rental, hiring & real estate services	0.4%	0.8%	0.5%	1.6%	1.1%	1.2%	1.9%	1.7%	1.6%	1.7%	1.6%	1.8%
Professional, scientific & technical services	2.2%	2.8%	3.7%	2.9%	3.2%	3.1%	3.9%	4.1%	4.0%	7.3%	7.9%	8.1%
Administrative & support services	3.7%	4.2%	4.6%	2.7%	3.2%	3.9%	2.7%	3.1%	3.6%	3.1%	3.3%	3.5%
Public administration & safety	5.9%	7.3%	5.3%	6.6%	6.6%	6.4%	5.3%	5.5%	5.4%	6.0%	6.1%	6.0%
Education & training	6.3%	7.2%	7.8%	8.6%	8.9%	9.1%	8.5%	8.7%	9.1%	7.6%	7.9%	8.4%
Health care & social assistance	12.6%	13.7%	13.8%	12.6%	15.4%	16.1%	13.3%	15.8%	17.3%	10.5%	11.6%	12.5%
Arts & recreation services	0.4%	0.0%	0.6%	1.1%	1.0%	0.9%	1.3%	1.3%	1.3%	1.4%	1.5%	1.5%
Other services	4.5%	2.9%	4.3%	3.5%	3.3%	3.5%	4.1%	4.0%	3.9%	3.8%	3.7%	3.7%

Table A-6: Socio-Economic Profile, Rural West – Bellbrook, 2006 to 2016

	Rural West – Bellbrook			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Age Distribution												
0-14 years	21.3%	17.3%	14.1%	20.8%	19.5%	17.2%	19.6%	18.6%	17.2%	19.8%	19.3%	18.5%
15-24 years	11.2%	9.9%	10.2%	10.5%	10.8%	10.4%	11.0%	10.7%	10.0%	13.3%	12.9%	12.5%
25-34 years	6.9%	6.2%	7.4%	9.1%	8.5%	9.3%	8.6%	8.3%	8.9%	13.6%	13.6%	14.3%
35-44 years	14.2%	10.6%	7.5%	12.8%	11.0%	10.0%	12.7%	11.5%	10.3%	14.6%	14.0%	13.4%
45-54 years	20.9%	20.4%	16.6%	15.4%	14.7%	12.9%	14.9%	14.4%	13.1%	13.8%	13.7%	13.1%
55-64 years	14.2%	20.3%	23.6%	13.9%	15.7%	16.4%	13.6%	14.9%	15.4%	11.0%	11.7%	11.9%
65+ years	11.3%	15.3%	20.6%	17.6%	19.8%	23.9%	19.6%	21.6%	25.1%	13.8%	14.7%	16.3%
Average age (years)	38.0	42.0	44.8	39.4	40.8	42.8	40.3	41.5	43.1	36.8	37.5	38.2
Household Type (% of dwellings)												
Couple families with children	28.0%	20.0%	18.8%	23.1%	21.1%	19.2%	24.4%	22.9%	21.5%	31.8%	31.7%	31.5%
Couple families without children	31.1%	32.9%	33.2%	28.4%	28.2%	27.3%	30.0%	30.2%	29.4%	24.1%	24.5%	24.2%
Single parent family	11.1%	11.4%	11.8%	13.9%	14.3%	13.5%	12.1%	12.1%	11.5%	10.8%	11.0%	10.7%
Lone person households	21.3%	24.5%	25.4%	24.8%	26.3%	26.3%	25.2%	26.3%	26.4%	22.8%	23.1%	22.4%
Average household size	2.6	2.5	2.5	2.5	2.5	2.4	2.5	2.4	2.4	2.7	2.7	2.7
Household Finances												
% of households fully owning home	46.6%	46.6%	48.4%	42.6%	41.5%	40.4%	41.3%	39.9%	39.7%	33.2%	31.9%	30.7%
% of households purchasing home	30.3%	30.7%	31.7%	25.1%	25.3%	24.5%	25.8%	26.1%	24.9%	30.2%	31.9%	30.4%
% of households renting	16.2%	12.8%	11.0%	25.6%	26.9%	24.3%	26.4%	27.4%	25.9%	28.4%	29.1%	30.3%
Average weekly household income	-	-	$1,100	-	-	$1,181	-	-	$1,301	-	-	$1,870
Average monthly housing loan repayment	-	-	$1,117	-	-	$1,416	-	-	$1,601	-	-	$2,173
Average weekly rent payment	-	-	$180	-	-	$248	-	-	$290	-	-	$401
Average housing costs (as a % of income)	-	-	9.2%	-	-	11.9%	-	-	12.8%	-	-	14.7%
Labour Market												

	Rural West – Bellbrook			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Full-time employment (% labour force)	46.9%	50.4%	45.4%	48.0%	48.5%	47.1%	49.8%	50.3%	49.8%	60.8%	60.2%	59.2%
Part-time employment (% labour force)	35.9%	41.6%	41.9%	37.4%	40.3%	41.2%	37.9%	39.4%	40.5%	30.6%	31.8%	32.7%
Total employment (% labour force)	82.8%	92.0%	87.4%	85.4%	88.8%	88.3%	87.7%	89.8%	90.2%	91.4%	92.0%	91.9%
Unemployment rate (% labour force)	14.5%	6.8%	9.5%	11.7%	8.9%	8.6%	9.9%	8.3%	7.8%	5.9%	5.9%	6.3%
Participation rate (% of population > 15 years)	50.9%	44.5%	46.2%	47.1%	45.3%	43.2%	50.1%	50.0%	48.4%	58.9%	59.7%	59.2%
Qualifications												
% of persons with a post-school qualification	34.9%	36.0%	42.3%	31.2%	35.5%	39.0%	35.9%	41.0%	45.4%	40.7%	45.8%	50.4%
% Bachelor or Higher degree	7.0%	6.9%	9.6%	6.0%	7.4%	8.2%	8.7%	10.7%	12.5%	16.5%	19.9%	23.4%
% Advanced Diploma or Diploma	5.5%	5.5%	7.0%	4.7%	5.5%	6.3%	6.3%	7.2%	8.4%	7.4%	8.3%	8.9%
% Vocational	22.4%	23.6%	25.8%	20.4%	22.6%	24.5%	20.9%	23.1%	24.5%	16.8%	17.7%	18.1%
% No qualification	53.5%	51.1%	43.6%	53.4%	49.9%	44.1%	50.7%	46.7%	41.8%	45.5%	42.8%	39.1%
Occupation												
Upper White Collar												
Managers	10.3%	9.6%	8.1%	13.8%	12.5%	11.6%	13.3%	12.3%	11.9%	18.1%	13.3%	13.5%
Professionals	7.5%	7.2%	7.1%	13.4%	14.4%	14.5%	16.1%	17.4%	18.2%	14.4%	22.7%	23.6%
Subtotal	17.8%	16.8%	15.2%	27.2%	26.9%	26.2%	29.3%	29.7%	30.1%	32.5%	36.1%	37.1%
Lower White Collar												
Community & Personal Service Workers	5.2%	6.4%	7.3%	12.0%	13.6%	14.7%	10.7%	12.1%	12.9%	8.9%	9.5%	10.4%
Clerical and Admin Workers	4.6%	6.6%	6.3%	11.9%	12.0%	11.1%	13.2%	13.3%	12.2%	11.7%	15.1%	13.8%
Sales Workers	3.7%	3.8%	3.9%	10.6%	10.7%	10.3%	11.4%	11.2%	10.6%	9.4%	9.3%	9.2%
Subtotal	13.5%	16.7%	17.5%	34.4%	36.3%	36.1%	35.3%	36.5%	35.8%	30.0%	33.8%	33.4%
Upper Blue Collar												
Technicians & Trades Workers	8.0%	6.1%	7.8%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%

	Rural West – Bellbrook			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Subtotal	8.0%	6.1%	7.8%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Lower Blue Collar												
Machinery Operators & Drivers	3.7%	3.3%	3.3%	7.1%	7.2%	7.0%	5.8%	5.9%	6.0%	7.2%	6.4%	6.1%
Labourers	6.4%	6.5%	6.2%	14.6%	13.9%	14.6%	12.9%	11.9%	12.4%	13.9%	8.7%	8.8%
Subtotal	10.1%	9.7%	9.5%	21.7%	21.0%	21.7%	18.6%	17.7%	18.4%	21.1%	15.1%	14.9%
Employment by Industry (% of employees)												
Agriculture, forestry & fishing	13.5%	16.8%	15.2%	6.3%	5.2%	5.8%	4.7%	4.0%	4.8%	2.7%	2.2%	2.1%
Mining	0.0%	1.6%	0.0%	0.1%	0.4%	0.3%	0.2%	0.5%	0.5%	0.7%	1.0%	0.9%
Manufacturing	6.4%	7.2%	5.4%	8.2%	7.6%	6.2%	7.4%	6.4%	4.6%	9.6%	8.4%	5.8%
Electricity, gas, water & waste services	1.9%	0.0%	0.0%	1.1%	1.2%	1.0%	1.6%	2.1%	1.6%	1.0%	1.1%	0.9%
Construction	9.1%	8.5%	10.3%	8.7%	8.9%	9.8%	8.9%	9.0%	10.0%	7.3%	7.3%	8.4%
Wholesale trade	3.7%	3.5%	1.3%	3.0%	2.5%	1.2%	2.9%	2.6%	1.8%	4.7%	4.4%	3.1%
Retail trade	9.9%	10.0%	8.8%	13.9%	13.6%	12.2%	14.8%	13.5%	11.9%	11.1%	10.3%	9.7%
Accommodation & food services	5.6%	5.4%	7.5%	9.0%	8.9%	8.9%	9.2%	9.0%	8.9%	6.5%	6.7%	7.1%
Transport, postal & warehousing	6.1%	4.3%	4.5%	4.8%	4.5%	4.5%	3.8%	3.8%	3.7%	5.0%	4.9%	4.7%
Information media & telecommunications	1.1%	0.0%	0.0%	1.0%	0.7%	0.3%	1.1%	1.0%	0.8%	2.4%	2.3%	2.2%
Financial & insurance services	1.2%	1.7%	0.5%	1.5%	1.4%	1.2%	2.1%	2.0%	1.6%	5.0%	5.0%	4.9%
Rental, hiring & real estate services	1.4%	0.0%	0.5%	1.6%	1.1%	1.2%	1.9%	1.7%	1.6%	1.7%	1.6%	1.8%
Professional, scientific & technical services	2.6%	2.3%	3.5%	2.9%	3.2%	3.1%	3.9%	4.1%	4.0%	7.3%	7.9%	8.1%
Administrative & support services	1.5%	2.5%	1.9%	2.7%	3.2%	3.9%	2.7%	3.1%	3.6%	3.1%	3.3%	3.5%
Public administration & safety	6.8%	7.4%	6.8%	6.6%	6.6%	6.4%	5.3%	5.5%	5.4%	6.0%	6.1%	6.0%
Education & training	8.4%	9.4%	8.9%	8.6%	8.9%	9.1%	8.5%	8.7%	9.1%	7.6%	7.9%	8.4%
Health care & social assistance	13.1%	14.4%	16.5%	12.6%	15.4%	16.1%	13.3%	15.8%	17.3%	10.5%	11.6%	12.5%
Arts & recreation services	1.1%	0.7%	0.8%	1.1%	1.0%	0.9%	1.3%	1.3%	1.3%	1.4%	1.5%	1.5%
Other services	1.9%	1.6%	2.5%	3.5%	3.3%	3.5%	4.1%	4.0%	3.9%	3.8%	3.7%	3.7%

Table A-6: Socio-Economic Profile, Smithtown – Gladstone and District, 2006 to 2016

	Smithtown – Gladstone and District			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Age Distribution												
0-14 years	20.1%	19.3%	16.2%	20.8%	19.5%	17.2%	19.6%	18.6%	17.2%	19.8%	19.3%	18.5%
15-24 years	8.7%	8.9%	10.1%	10.5%	10.8%	10.4%	11.0%	10.7%	10.0%	13.3%	12.9%	12.5%
25-34 years	8.3%	8.8%	8.2%	9.1%	8.5%	9.3%	8.6%	8.3%	8.9%	13.6%	13.6%	14.3%
35-44 years	13.9%	11.8%	9.3%	12.8%	11.0%	10.0%	12.7%	11.5%	10.3%	14.6%	14.0%	13.4%
45-54 years	15.1%	16.1%	14.5%	15.4%	14.7%	12.9%	14.9%	14.4%	13.1%	13.8%	13.7%	13.1%
55-64 years	15.4%	15.5%	16.8%	13.9%	15.7%	16.4%	13.6%	14.9%	15.4%	11.0%	11.7%	11.9%
65+ years	18.5%	19.5%	24.9%	17.6%	19.8%	23.9%	19.6%	21.6%	25.1%	13.8%	14.7%	16.3%
Average age (years)	40.6	41.2	43.8	39.4	40.8	42.8	40.3	41.5	43.1	36.8	37.5	38.2
Household Type (% of dwellings)												
Couple families with children	25.3%	23.9%	22.4%	23.1%	21.1%	19.2%	24.4%	22.9%	21.5%	31.8%	31.7%	31.5%
Couple families without children	32.7%	31.9%	31.3%	28.4%	28.2%	27.3%	30.0%	30.2%	29.4%	24.1%	24.5%	24.2%
Single parent family	10.9%	11.8%	11.1%	13.9%	14.3%	13.5%	12.1%	12.1%	11.5%	10.8%	11.0%	10.7%
Lone person households	22.8%	23.3%	22.5%	24.8%	26.3%	26.3%	25.2%	26.3%	26.4%	22.8%	23.1%	22.4%
Average household size	2.4	2.4	2.4	2.5	2.5	2.4	2.5	2.4	2.4	2.7	2.7	2.7
Household Finances												
% of households fully owning home	45.1%	46.8%	48.4%	42.6%	41.5%	40.4%	41.3%	39.9%	39.7%	33.2%	31.9%	30.7%
% of households purchasing home	29.3%	26.6%	26.3%	25.1%	25.3%	24.5%	25.8%	26.1%	24.9%	30.2%	31.9%	30.4%
% of households renting	15.9%	18.9%	15.8%	25.6%	26.9%	24.3%	26.4%	27.4%	25.9%	28.4%	29.1%	30.3%
Average weekly household income	-	-	$1,189	-	-	$1,181	-	-	$1,301	-	-	$1,870
Average monthly housing loan repayment	-	-	$1,494	-	-	$1,416	-	-	$1,601	-	-	$2,173
Average weekly rent payment	-	-	$253	-	-	$248	-	-	$290	-	-	$401
Average housing costs (as a % of income)	-	-	11.0%	-	-	11.9%	-	-	12.8%	-	-	14.7%
Labour Market												

	Smithtown – Gladstone and District			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Full-time employment (% labour force)	50.2%	51.9%	50.5%	48.0%	48.5%	47.1%	49.8%	50.3%	49.8%	60.8%	60.2%	59.2%
Part-time employment (% labour force)	37.5%	39.1%	39.3%	37.4%	40.3%	41.2%	37.9%	39.4%	40.5%	30.6%	31.8%	32.7%
Total employment (% labour force)	87.7%	91.0%	89.8%	85.4%	88.8%	88.3%	87.7%	89.8%	90.2%	91.4%	92.0%	91.9%
Unemployment rate (% labour force)	8.3%	3.7%	5.3%	11.7%	8.9%	8.6%	9.9%	8.3%	7.8%	5.9%	5.9%	6.3%
Participation rate (% of population > 15 years)	25.7%	25.6%	25.7%	47.1%	45.3%	43.2%	50.1%	50.0%	48.4%	58.9%	59.7%	59.2%
Qualifications												
% of persons with a post-school qualification	31.1%	34.2%	39.3%	31.2%	35.5%	39.0%	35.9%	41.0%	45.4%	40.7%	45.8%	50.4%
% Bachelor or Higher degree	5.6%	4.7%	7.4%	6.0%	7.4%	8.2%	8.7%	10.7%	12.5%	16.5%	19.9%	23.4%
% Advanced Diploma or Diploma	3.9%	4.9%	6.4%	4.7%	5.5%	6.3%	6.3%	7.2%	8.4%	7.4%	8.3%	8.9%
% Vocational	21.6%	24.5%	25.4%	20.4%	22.6%	24.5%	20.9%	23.1%	24.5%	16.8%	17.7%	18.1%
% No qualification	57.8%	52.3%	46.9%	53.4%	49.9%	44.1%	50.7%	46.7%	41.8%	45.5%	42.8%	39.1%
Occupation												
Upper White Collar												
Managers	8.0%	8.3%	7.4%	13.8%	12.5%	11.6%	13.3%	12.3%	11.9%	18.1%	13.3%	13.5%
Professionals	4.9%	5.4%	6.6%	13.4%	14.4%	14.5%	16.1%	17.4%	18.2%	14.4%	22.7%	23.6%
Subtotal	12.8%	13.7%	14.0%	27.2%	26.9%	26.2%	29.3%	29.7%	30.1%	32.5%	36.1%	37.1%
Lower White Collar												
Community & Personal Service Workers	5.2%	4.0%	5.7%	12.0%	13.6%	14.7%	10.7%	12.1%	12.9%	8.9%	9.5%	10.4%
Clerical and Admin Workers	5.8%	5.4%	4.5%	11.9%	12.0%	11.1%	13.2%	13.3%	12.2%	11.7%	15.1%	13.8%
Sales Workers	4.7%	5.0%	4.6%	10.6%	10.7%	10.3%	11.4%	11.2%	10.6%	9.4%	9.3%	9.2%
Subtotal	15.8%	14.4%	14.8%	34.4%	36.3%	36.1%	35.3%	36.5%	35.8%	30.0%	33.8%	33.4%
Upper Blue Collar												
Technicians & Trades Workers	7.9%	7.1%	7.5%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%

	Smithtown – Gladstone and District			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Subtotal	7.9%	7.1%	7.5%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Lower Blue Collar												
Machinery Operators & Drivers	4.1%	4.6%	4.3%	7.1%	7.2%	7.0%	5.8%	5.9%	6.0%	7.2%	6.4%	6.1%
Labourers	7.4%	8.4%	8.2%	14.6%	13.9%	14.6%	12.9%	11.9%	12.4%	13.9%	8.7%	8.8%
Subtotal	11.5%	13.0%	12.5%	21.7%	21.0%	21.7%	18.6%	17.7%	18.4%	21.1%	15.1%	14.9%
Employment by Industry (% of employees)												
Agriculture, forestry & fishing	7.8%	9.6%	9.6%	6.3%	5.2%	5.8%	4.7%	4.0%	4.8%	2.7%	2.2%	2.1%
Mining	0.0%	0.0%	0.5%	0.1%	0.4%	0.3%	0.2%	0.5%	0.5%	0.7%	1.0%	0.9%
Manufacturing	11.8%	10.1%	9.1%	8.2%	7.6%	6.2%	7.4%	6.4%	4.6%	9.6%	8.4%	5.8%
Electricity, gas, water & waste services	1.4%	1.2%	1.0%	1.1%	1.2%	1.0%	1.6%	2.1%	1.6%	1.0%	1.1%	0.9%
Construction	7.8%	9.8%	11.2%	8.7%	8.9%	9.8%	8.9%	9.0%	10.0%	7.3%	7.3%	8.4%
Wholesale trade	4.1%	2.5%	0.1%	3.0%	2.5%	1.2%	2.9%	2.6%	1.8%	4.7%	4.4%	3.1%
Retail trade	13.3%	13.0%	11.9%	13.9%	13.6%	12.2%	14.8%	13.5%	11.9%	11.1%	10.3%	9.7%
Accommodation & food services	7.6%	9.5%	7.8%	9.0%	8.9%	8.9%	9.2%	9.0%	8.9%	6.5%	6.7%	7.1%
Transport, postal & warehousing	6.8%	4.1%	4.9%	4.8%	4.5%	4.5%	3.8%	3.8%	3.7%	5.0%	4.9%	4.7%
Information media & telecommunications	1.0%	0.0%	0.5%	1.0%	0.7%	0.3%	1.1%	1.0%	0.8%	2.4%	2.3%	2.2%
Financial & insurance services	1.6%	0.0%	0.3%	1.5%	1.4%	1.2%	2.1%	2.0%	1.6%	5.0%	5.0%	4.9%
Rental, hiring & real estate services	1.7%	0.7%	0.9%	1.6%	1.1%	1.2%	1.9%	1.7%	1.6%	1.7%	1.6%	1.8%
Professional, scientific & technical services	2.0%	3.2%	2.7%	2.9%	3.2%	3.1%	3.9%	4.1%	4.0%	7.3%	7.9%	8.1%
Administrative & support services	2.2%	2.1%	2.8%	2.7%	3.2%	3.9%	2.7%	3.1%	3.6%	3.1%	3.3%	3.5%
Public administration & safety	5.6%	5.5%	5.5%	6.6%	6.6%	6.4%	5.3%	5.5%	5.4%	6.0%	6.1%	6.0%
Education & training	6.8%	6.6%	8.5%	8.6%	8.9%	9.1%	8.5%	8.7%	9.1%	7.6%	7.9%	8.4%
Health care & social assistance	10.5%	14.0%	15.5%	12.6%	15.4%	16.1%	13.3%	15.8%	17.3%	10.5%	11.6%	12.5%
Arts & recreation services	1.1%	0.8%	0.3%	1.1%	1.0%	0.9%	1.3%	1.3%	1.3%	1.4%	1.5%	1.5%
Other services	3.6%	1.5%	1.4%	3.5%	3.3%	3.5%	4.1%	4.0%	3.9%	3.8%	3.7%	3.7%

Table A-7: Socio-Economic Profile, South West Rocks –Jerseyville, 2006 to 2016

	South West Rocks –Jerseyville			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Age Distribution												
0-14 years	16.2%	15.6%	13.3%	20.8%	19.5%	17.2%	19.6%	18.6%	17.2%	19.8%	19.3%	18.5%
15-24 years	7.7%	8.1%	7.7%	10.5%	10.8%	10.4%	11.0%	10.7%	10.0%	13.3%	12.9%	12.5%
25-34 years	7.2%	6.1%	6.5%	9.1%	8.5%	9.3%	8.6%	8.3%	8.9%	13.6%	13.6%	14.3%
35-44 years	11.1%	10.2%	9.0%	12.8%	11.0%	10.0%	12.7%	11.5%	10.3%	14.6%	14.0%	13.4%
45-54 years	14.0%	13.4%	11.5%	15.4%	14.7%	12.9%	14.9%	14.4%	13.1%	13.8%	13.7%	13.1%
55-64 years	17.7%	17.1%	16.7%	13.9%	15.7%	16.4%	13.6%	14.9%	15.4%	11.0%	11.7%	11.9%
65+ years	26.0%	29.5%	35.3%	17.6%	19.8%	23.9%	19.6%	21.6%	25.1%	13.8%	14.7%	16.3%
Average age (years)	44.8	45.9	48.2	39.4	40.8	42.8	40.3	41.5	43.1	36.8	37.5	38.2
Household Type (% of dwellings)												
Couple families with children	16.9%	16.8%	14.6%	23.1%	21.1%	19.2%	24.4%	22.9%	21.5%	31.8%	31.7%	31.5%
Couple families without children	34.2%	32.1%	33.7%	28.4%	28.2%	27.3%	30.0%	30.2%	29.4%	24.1%	24.5%	24.2%
Single parent family	9.1%	8.8%	8.0%	13.9%	14.3%	13.5%	12.1%	12.1%	11.5%	10.8%	11.0%	10.7%
Lone person households	24.3%	26.8%	29.5%	24.8%	26.3%	26.3%	25.2%	26.3%	26.4%	22.8%	23.1%	22.4%
Average household size	2.0	2.1	2.1	2.5	2.5	2.4	2.5	2.4	2.4	2.7	2.7	2.7
Household Finances												
% of households fully owning home	49.7%	47.1%	49.3%	42.6%	41.5%	40.4%	41.3%	39.9%	39.7%	33.2%	31.9%	30.7%
% of households purchasing home	18.0%	17.8%	18.8%	25.1%	25.3%	24.5%	25.8%	26.1%	24.9%	30.2%	31.9%	30.4%
% of households renting	27.3%	28.5%	24.2%	25.6%	26.9%	24.3%	26.4%	27.4%	25.9%	28.4%	29.1%	30.3%
Average weekly household income	-	-	$1,135	-	-	$1,181	-	-	$1,301	-	-	$1,870
Average monthly housing loan repayment	-	-	$1,595	-	-	$1,416	-	-	$1,601	-	-	$2,173
Average weekly rent payment	-	-	$282	-	-	$248	-	-	$290	-	-	$401
Average housing costs (as a % of income)	-	-	12.1%	-	-	11.9%	-	-	12.8%	-	-	14.7%
Labour Market												

	South West Rocks –Jerseyville			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Full-time employment (% labour force)	45.6%	48.9%	48.2%	48.0%	48.5%	47.1%	49.8%	50.3%	49.8%	60.8%	60.2%	59.2%
Part-time employment (% labour force)	42.7%	45.7%	40.5%	37.4%	40.3%	41.2%	37.9%	39.4%	40.5%	30.6%	31.8%	32.7%
Total employment (% labour force)	88.3%	94.6%	88.7%	85.4%	88.8%	88.3%	87.7%	89.8%	90.2%	91.4%	92.0%	91.9%
Unemployment rate (% labour force)	8.6%	4.9%	8.5%	11.7%	8.9%	8.6%	9.9%	8.3%	7.8%	5.9%	5.9%	6.3%
Participation rate (% of population > 15 years)	20.7%	20.0%	19.4%	47.1%	45.3%	43.2%	50.1%	50.0%	48.4%	58.9%	59.7%	59.2%
Qualifications												
% of persons with a post-school qualification	34.3%	38.7%	43.2%	31.2%	35.5%	39.0%	35.9%	41.0%	45.4%	40.7%	45.8%	50.4%
% Bachelor or Higher degree	6.6%	7.9%	9.2%	6.0%	7.4%	8.2%	8.7%	10.7%	12.5%	16.5%	19.9%	23.4%
% Advanced Diploma or Diploma	6.0%	6.5%	7.3%	4.7%	5.5%	6.3%	6.3%	7.2%	8.4%	7.4%	8.3%	8.9%
% Vocational	21.7%	24.2%	26.7%	20.4%	22.6%	24.5%	20.9%	23.1%	24.5%	16.8%	17.7%	18.1%
% No qualification	53.4%	47.3%	45.5%	53.4%	49.9%	44.1%	50.7%	46.7%	41.8%	45.5%	42.8%	39.1%
Occupation												
Upper White Collar												
Managers	7.1%	6.6%	6.2%	13.8%	12.5%	11.6%	13.3%	12.3%	11.9%	18.1%	13.3%	13.5%
Professionals	6.7%	7.9%	7.7%	13.4%	14.4%	14.5%	16.1%	17.4%	18.2%	14.4%	22.7%	23.6%
Subtotal	13.8%	14.5%	13.9%	27.2%	26.9%	26.2%	29.3%	29.7%	30.1%	32.5%	36.1%	37.1%
Lower White Collar												
Community & Personal Service Workers	6.3%	6.9%	7.1%	12.0%	13.6%	14.7%	10.7%	12.1%	12.9%	8.9%	9.5%	10.4%
Clerical and Admin Workers	6.6%	5.8%	6.1%	11.9%	12.0%	11.1%	13.2%	13.3%	12.2%	11.7%	15.1%	13.8%
Sales Workers	5.2%	6.1%	5.6%	10.6%	10.7%	10.3%	11.4%	11.2%	10.6%	9.4%	9.3%	9.2%
Subtotal	18.0%	18.8%	18.9%	34.4%	36.3%	36.1%	35.3%	36.5%	35.8%	30.0%	33.8%	33.4%
Upper Blue Collar												
Technicians & Trades Workers	7.9%	7.0%	7.7%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%

	South West Rocks –Jerseyville			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Subtotal	7.9%	7.0%	7.7%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Lower Blue Collar												
Machinery Operators & Drivers	1.9%	2.4%	2.9%	7.1%	7.2%	7.0%	5.8%	5.9%	6.0%	7.2%	6.4%	6.1%
Labourers	7.7%	7.1%	7.6%	14.6%	13.9%	14.6%	12.9%	11.9%	12.4%	13.9%	8.7%	8.8%
Subtotal	9.5%	9.5%	10.5%	21.7%	21.0%	21.7%	18.6%	17.7%	18.4%	21.1%	15.1%	14.9%
Employment by Industry (% of employees)												
Agriculture, forestry & fishing	3.3%	2.3%	2.8%	6.3%	5.2%	5.8%	4.7%	4.0%	4.8%	2.7%	2.2%	2.1%
Mining	0.0%	0.2%	0.2%	0.1%	0.4%	0.3%	0.2%	0.5%	0.5%	0.7%	1.0%	0.9%
Manufacturing	6.4%	6.8%	5.7%	8.2%	7.6%	6.2%	7.4%	6.4%	4.6%	9.6%	8.4%	5.8%
Electricity, gas, water & waste services	0.7%	0.3%	0.7%	1.1%	1.2%	1.0%	1.6%	2.1%	1.6%	1.0%	1.1%	0.9%
Construction	11.2%	13.1%	13.6%	8.7%	8.9%	9.8%	8.9%	9.0%	10.0%	7.3%	7.3%	8.4%
Wholesale trade	1.6%	0.4%	0.4%	3.0%	2.5%	1.2%	2.9%	2.6%	1.8%	4.7%	4.4%	3.1%
Retail trade	13.3%	15.8%	13.0%	13.9%	13.6%	12.2%	14.8%	13.5%	11.9%	11.1%	10.3%	9.7%
Accommodation & food services	15.2%	13.2%	12.4%	9.0%	8.9%	8.9%	9.2%	9.0%	8.9%	6.5%	6.7%	7.1%
Transport, postal & warehousing	4.1%	3.0%	3.5%	4.8%	4.5%	4.5%	3.8%	3.8%	3.7%	5.0%	4.9%	4.7%
Information media & telecommunications	0.3%	0.2%	0.0%	1.0%	0.7%	0.3%	1.1%	1.0%	0.8%	2.4%	2.3%	2.2%
Financial & insurance services	2.0%	2.1%	1.7%	1.5%	1.4%	1.2%	2.1%	2.0%	1.6%	5.0%	5.0%	4.9%
Rental, hiring & real estate services	2.5%	2.5%	1.3%	1.6%	1.1%	1.2%	1.9%	1.7%	1.6%	1.7%	1.6%	1.8%
Professional, scientific & technical services	4.3%	2.3%	3.3%	2.9%	3.2%	3.1%	3.9%	4.1%	4.0%	7.3%	7.9%	8.1%
Administrative & support services	2.2%	2.8%	4.5%	2.7%	3.2%	3.9%	2.7%	3.1%	3.6%	3.1%	3.3%	3.5%
Public administration & safety	8.6%	8.1%	6.2%	6.6%	6.6%	6.4%	5.3%	5.5%	5.4%	6.0%	6.1%	6.0%
Education & training	8.2%	8.6%	9.0%	8.6%	8.9%	9.1%	8.5%	8.7%	9.1%	7.6%	7.9%	8.4%
Health care & social assistance	8.8%	13.6%	13.8%	12.6%	15.4%	16.1%	13.3%	15.8%	17.3%	10.5%	11.6%	12.5%
Arts & recreation services	1.4%	1.6%	1.5%	1.1%	1.0%	0.9%	1.3%	1.3%	1.3%	1.4%	1.5%	1.5%
Other services	3.0%	1.8%	3.3%	3.5%	3.3%	3.5%	4.1%	4.0%	3.9%	3.8%	3.7%	3.7%

Table A-8: Socio-Economic Profile, Stuarts Point and District, 2006 to 2016

	Stuarts Point and District			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Age Distribution												
0-14 years	17.3%	16.9%	13.6%	20.8%	19.5%	17.2%	19.6%	18.6%	17.2%	19.8%	19.3%	18.5%
15-24 years	9.1%	7.7%	8.6%	10.5%	10.8%	10.4%	11.0%	10.7%	10.0%	13.3%	12.9%	12.5%
25-34 years	7.0%	5.5%	8.3%	9.1%	8.5%	9.3%	8.6%	8.3%	8.9%	13.6%	13.6%	14.3%
35-44 years	11.3%	8.6%	9.7%	12.8%	11.0%	10.0%	12.7%	11.5%	10.3%	14.6%	14.0%	13.4%
45-54 years	19.1%	17.3%	13.0%	15.4%	14.7%	12.9%	14.9%	14.4%	13.1%	13.8%	13.7%	13.1%
55-64 years	16.0%	21.4%	21.8%	13.9%	15.7%	16.4%	13.6%	14.9%	15.4%	11.0%	11.7%	11.9%
65+ years	20.2%	22.5%	25.0%	17.6%	19.8%	23.9%	19.6%	21.6%	25.1%	13.8%	14.7%	16.3%
Average age (years)	42.6	44.8	45.8	39.4	40.8	42.8	40.3	41.5	43.1	36.8	37.5	38.2
Household Type (% of dwellings)												
Couple families with children	19.6%	17.3%	16.1%	23.1%	21.1%	19.2%	24.4%	22.9%	21.5%	31.8%	31.7%	31.5%
Couple families without children	30.4%	31.4%	27.0%	28.4%	28.2%	27.3%	30.0%	30.2%	29.4%	24.1%	24.5%	24.2%
Single parent family	10.9%	11.3%	10.8%	13.9%	14.3%	13.5%	12.1%	12.1%	11.5%	10.8%	11.0%	10.7%
Lone person households	30.4%	28.2%	29.4%	24.8%	26.3%	26.3%	25.2%	26.3%	26.4%	22.8%	23.1%	22.4%
Average household size	2.2	2.1	2.1	2.5	2.5	2.4	2.5	2.4	2.4	2.7	2.7	2.7
Household Finances												
% of households fully owning home	48.7%	47.3%	45.2%	42.6%	41.5%	40.4%	41.3%	39.9%	39.7%	33.2%	31.9%	30.7%
% of households purchasing home	21.7%	22.5%	18.0%	25.1%	25.3%	24.5%	25.8%	26.1%	24.9%	30.2%	31.9%	30.4%
% of households renting	23.8%	25.6%	25.4%	25.6%	26.9%	24.3%	26.4%	27.4%	25.9%	28.4%	29.1%	30.3%
Average weekly household income	-	-	$972	-	-	$1,181	-	-	$1,301	-	-	$1,870
Average monthly housing loan repayment	-	-	$1,150	-	-	$1,416	-	-	$1,601	-	-	$2,173
Average weekly rent payment	-	-	$227	-	-	$248	-	-	$290	-	-	$401
Average housing costs (as a % of income)	-	-	10.9%	-	-	11.9%	-	-	12.8%	-	-	14.7%
Labour Market												

	Stuarts Point and District			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Full-time employment (% labour force)	43.9%	43.0%	42.7%	48.0%	48.5%	47.1%	49.8%	50.3%	49.8%	60.8%	60.2%	59.2%
Part-time employment (% labour force)	38.7%	46.4%	46.3%	37.4%	40.3%	41.2%	37.9%	39.4%	40.5%	30.6%	31.8%	32.7%
Total employment (% labour force)	82.6%	89.4%	89.0%	85.4%	88.8%	88.3%	87.7%	89.8%	90.2%	91.4%	92.0%	91.9%
Unemployment rate (% labour force)	12.0%	8.8%	9.4%	11.7%	8.9%	8.6%	9.9%	8.3%	7.8%	5.9%	5.9%	6.3%
Participation rate (% of population > 15 years)	23.2%	22.0%	21.8%	47.1%	45.3%	43.2%	50.1%	50.0%	48.4%	58.9%	59.7%	59.2%
Qualifications												
% of persons with a post-school qualification	34.9%	38.7%	40.5%	31.2%	35.5%	39.0%	35.9%	41.0%	45.4%	40.7%	45.8%	50.4%
% Bachelor or Higher degree	6.7%	6.1%	8.8%	6.0%	7.4%	8.2%	8.7%	10.7%	12.5%	16.5%	19.9%	23.4%
% Advanced Diploma or Diploma	6.3%	7.0%	6.4%	4.7%	5.5%	6.3%	6.3%	7.2%	8.4%	7.4%	8.3%	8.9%
% Vocational	21.9%	25.6%	25.4%	20.4%	22.6%	24.5%	20.9%	23.1%	24.5%	16.8%	17.7%	18.1%
% No qualification	54.5%	52.2%	45.9%	53.4%	49.9%	44.1%	50.7%	46.7%	41.8%	45.5%	42.8%	39.1%
Occupation												
Upper White Collar												
Managers	12.4%	11.5%	9.5%	13.8%	12.5%	11.6%	13.3%	12.3%	11.9%	18.1%	13.3%	13.5%
Professionals	5.6%	5.8%	6.2%	13.4%	14.4%	14.5%	16.1%	17.4%	18.2%	14.4%	22.7%	23.6%
Subtotal	18.0%	17.3%	15.7%	27.2%	26.9%	26.2%	29.3%	29.7%	30.1%	32.5%	36.1%	37.1%
Lower White Collar												
Community & Personal Service Workers	5.2%	6.4%	7.4%	12.0%	13.6%	14.7%	10.7%	12.1%	12.9%	8.9%	9.5%	10.4%
Clerical and Admin Workers	3.6%	4.9%	5.1%	11.9%	12.0%	11.1%	13.2%	13.3%	12.2%	11.7%	15.1%	13.8%
Sales Workers	3.8%	4.1%	2.7%	10.6%	10.7%	10.3%	11.4%	11.2%	10.6%	9.4%	9.3%	9.2%
Subtotal	12.7%	15.5%	15.1%	34.4%	36.3%	36.1%	35.3%	36.5%	35.8%	30.0%	33.8%	33.4%
Upper Blue Collar												
Technicians & Trades Workers	5.9%	4.3%	5.4%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%

	Stuarts Point and District			Kempsey Shire			Mid North Coast			New South Wales		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Subtotal	5.9%	4.3%	5.4%	14.9%	13.9%	13.8%	15.1%	14.6%	14.1%	14.4%	13.2%	12.7%
Lower Blue Collar												
Machinery Operators & Drivers	3.0%	3.7%	3.0%	7.1%	7.2%	7.0%	5.8%	5.9%	6.0%	7.2%	6.4%	6.1%
Labourers	9.0%	9.0%	10.1%	14.6%	13.9%	14.6%	12.9%	11.9%	12.4%	13.9%	8.7%	8.8%
Subtotal	11.9%	12.7%	13.2%	21.7%	21.0%	21.7%	18.6%	17.7%	18.4%	21.1%	15.1%	14.9%
Employment by Industry (% of employees)												
Agriculture, forestry & fishing	24.6%	23.6%	23.2%	6.3%	5.2%	5.8%	4.7%	4.0%	4.8%	2.7%	2.2%	2.1%
Mining	0.0%	0.0%	0.0%	0.1%	0.4%	0.3%	0.2%	0.5%	0.5%	0.7%	1.0%	0.9%
Manufacturing	4.3%	5.9%	3.6%	8.2%	7.6%	6.2%	7.4%	6.4%	4.6%	9.6%	8.4%	5.8%
Electricity, gas, water & waste services	1.2%	0.2%	0.0%	1.1%	1.2%	1.0%	1.6%	2.1%	1.6%	1.0%	1.1%	0.9%
Construction	5.9%	7.3%	7.8%	8.7%	8.9%	9.8%	8.9%	9.0%	10.0%	7.3%	7.3%	8.4%
Wholesale trade	2.9%	3.2%	0.2%	3.0%	2.5%	1.2%	2.9%	2.6%	1.8%	4.7%	4.4%	3.1%
Retail trade	9.6%	12.1%	10.2%	13.9%	13.6%	12.2%	14.8%	13.5%	11.9%	11.1%	10.3%	9.7%
Accommodation & food services	8.8%	11.1%	12.2%	9.0%	8.9%	8.9%	9.2%	9.0%	8.9%	6.5%	6.7%	7.1%
Transport, postal & warehousing	2.8%	2.2%	1.8%	4.8%	4.5%	4.5%	3.8%	3.8%	3.7%	5.0%	4.9%	4.7%
Information media & telecommunications	2.4%	0.0%	0.0%	1.0%	0.7%	0.3%	1.1%	1.0%	0.8%	2.4%	2.3%	2.2%
Financial & insurance services	1.8%	0.4%	0.8%	1.5%	1.4%	1.2%	2.1%	2.0%	1.6%	5.0%	5.0%	4.9%
Rental, hiring & real estate services	1.2%	0.6%	0.2%	1.6%	1.1%	1.2%	1.9%	1.7%	1.6%	1.7%	1.6%	1.8%
Professional, scientific & technical services	1.2%	2.2%	3.4%	2.9%	3.2%	3.1%	3.9%	4.1%	4.0%	7.3%	7.9%	8.1%
Administrative & support services	3.1%	2.4%	4.0%	2.7%	3.2%	3.9%	2.7%	3.1%	3.6%	3.1%	3.3%	3.5%
Public administration & safety	4.3%	3.0%	3.8%	6.6%	6.6%	6.4%	5.3%	5.5%	5.4%	6.0%	6.1%	6.0%
Education & training	7.5%	6.9%	8.2%	8.6%	8.9%	9.1%	8.5%	8.7%	9.1%	7.6%	7.9%	8.4%
Health care & social assistance	7.9%	12.1%	12.2%	12.6%	15.4%	16.1%	13.3%	15.8%	17.3%	10.5%	11.6%	12.5%
Arts & recreation services	1.8%	1.0%	0.0%	1.1%	1.0%	0.9%	1.3%	1.3%	1.3%	1.4%	1.5%	1.5%
Other services	3.7%	2.2%	1.4%	3.5%	3.3%	3.5%	4.1%	4.0%	3.9%	3.8%	3.7%	3.7%

APPENDIX B: INDUSTRY OF EMPLOYMENT SUMMARIES FOR EACH OF THE CATCHMENT AREAS

AP0B

Table B-1: Working Population Data, 2006 to 2016

	Aldavilla – Euroka – Yarravel		South - Kempsey and Crescent Head – Kundabung				East Kempsey and West Kempsey – Greenhill			Frederickton and District			Rural West – Bellbrook			Smithtown – Gladstone and District			South West Rocks – Jerseyville			Stuarts Point and District		
	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016	2006	2011	2016
Employment by Industry (% of employees)																								
Agriculture, forestry & fishing	4.9%	4.1%	3.4%	3.2%	2.4%	2.8%	2.4%	1.2%	1.6%	9.1%	6.2%	6.6%	13.5%	16.8%	15.2%	7.8%	9.6%	9.6%	3.3%	2.3%	2.8%	24.6%	23.6%	23.2%
Mining	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.4%	0.0%	1.6%	0.0%	0.0%	0.0%	0.5%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%
Manufacturing	9.7%	7.6%	5.8%	6.7%	6.7%	6.0%	8.4%	6.9%	6.2%	10.3%	11.2%	9.5%	6.4%	7.2%	5.4%	11.8%	10.1%	9.1%	6.4%	6.8%	5.7%	4.3%	5.9%	3.6%
Electricity, gas, water & waste services	0.9%	2.0%	0.9%	1.2%	1.5%	2.1%	0.5%	0.5%	0.5%	0.8%	0.5%	0.7%	1.9%	0.0%	0.0%	1.4%	1.2%	1.0%	0.7%	0.3%	0.7%	1.2%	0.2%	0.0%
Construction	6.1%	8.4%	9.9%	9.2%	10.2%	9.8%	7.6%	7.1%	9.3%	8.6%	6.8%	9.5%	9.1%	8.5%	10.3%	7.8%	9.8%	11.2%	11.2%	13.1%	13.6%	5.9%	7.3%	7.8%
Wholesale trade	3.1%	3.2%	1.4%	3.0%	2.1%	1.4%	3.1%	2.0%	0.7%	4.8%	4.0%	1.2%	3.7%	3.5%	1.3%	4.1%	2.5%	0.1%	1.6%	0.4%	0.4%	2.9%	3.2%	0.2%
Retail trade	16.1%	17.5%	14.6%	13.6%	11.6%	11.4%	16.8%	15.9%	13.5%	14.4%	14.7%	13.0%	9.9%	10.0%	8.8%	13.3%	13.0%	11.9%	13.3%	15.8%	13.0%	9.6%	12.1%	10.2%
Accommodation & food services	4.6%	5.0%	8.1%	10.7%	9.2%	8.5%	8.2%	9.3%	8.8%	5.8%	8.2%	8.7%	5.6%	5.4%	7.5%	7.6%	9.5%	7.8%	15.2%	13.2%	12.4%	8.8%	11.1%	12.2%
Transport, postal & warehousing	6.0%	5.5%	5.6%	4.7%	4.8%	6.2%	5.8%	5.9%	5.6%	5.2%	4.9%	2.7%	6.1%	4.3%	4.5%	6.8%	4.1%	4.9%	4.1%	3.0%	3.5%	2.8%	2.2%	1.8%
Information media & telecommunications	1.2%	0.3%	0.0%	1.4%	0.7%	0.3%	0.6%	0.5%	0.0%	0.5%	0.0%	0.0%	1.1%	0.0%	0.0%	1.0%	0.0%	0.5%	0.3%	0.2%	0.0%	2.4%	0.0%	0.0%
Financial & insurance services	1.3%	1.0%	0.7%	0.8%	0.7%	0.2%	2.2%	1.1%	0.8%	1.0%	1.3%	1.1%	1.2%	1.7%	0.5%	1.6%	0.0%	0.3%	2.0%	2.1%	1.7%	1.8%	0.4%	0.8%
Rental, hiring & real estate services	1.9%	1.0%	1.1%	0.8%	1.0%	1.9%	1.9%	0.4%	0.1%	0.4%	0.8%	0.5%	1.4%	0.0%	0.5%	1.7%	0.7%	0.9%	2.5%	2.5%	1.3%	1.2%	0.6%	0.2%
Professional, scientific & technical services	3.7%	2.6%	2.9%	3.6%	3.8%	3.4%	2.5%	3.3%	2.3%	2.2%	2.8%	3.7%	2.6%	2.3%	3.5%	2.0%	3.2%	2.7%	4.3%	2.3%	3.3%	1.2%	2.2%	3.4%
Administrative & support services	1.8%	2.7%	2.9%	2.9%	2.4%	2.6%	2.5%	3.6%	4.9%	3.7%	4.2%	4.6%	1.5%	2.5%	1.9%	2.2%	2.1%	2.8%	2.2%	2.8%	4.5%	3.1%	2.4%	4.0%
Public administration & safety	5.7%	6.2%	8.8%	5.7%	7.0%	6.0%	7.3%	7.3%	7.4%	5.9%	7.3%	5.3%	6.8%	7.4%	6.8%	5.6%	5.5%	5.5%	8.6%	8.1%	6.2%	4.3%	3.0%	3.8%
Education & training	10.7%	10.8%	10.9%	12.8%	13.0%	12.8%	7.3%	7.9%	8.0%	6.3%	7.2%	7.8%	8.4%	9.4%	8.9%	6.8%	6.6%	8.5%	8.2%	8.6%	9.0%	7.5%	6.9%	8.2%
Health care & social assistance	13.9%	14.4%	16.2%	13.1%	16.2%	16.7%	15.9%	20.1%	20.5%	12.6%	13.7%	13.8%	13.1%	14.4%	16.5%	10.5%	14.0%	15.5%	8.8%	13.6%	13.8%	7.9%	12.1%	12.2%
Arts & recreation services	1.3%	1.1%	0.5%	0.5%	1.0%	0.8%	0.6%	0.4%	0.3%	0.4%	0.0%	0.6%	1.1%	0.7%	0.8%	1.1%	0.8%	0.3%	1.4%	1.6%	1.5%	1.8%	1.0%	0.0%
Other services	2.7%	3.0%	3.0%	2.5%	3.9%	3.0%	4.0%	4.4%	4.2%	4.5%	2.9%	4.3%	1.9%	1.6%	2.5%	3.6%	1.5%	1.4%	3.0%	1.8%	3.3%	3.7%	2.2%	1.4%
Total	**645**	**968**	**967**	**1,432**	**1,536**	**1,397**	**2,239**	**2,155**	**2,061**	**704**	**729**	**761**	**847**	**814**	**787**	**780**	**833**	**835**	**1,376**	**1,567**	**1,450**	**483**	**478**	**465**

APPENDIX C: PROPORTION OF FULL TIME EMPLOYMENT IN EACH INDUSTRY

AP0C

Table C-1: Full time employment incidence, Catchment Areas, 2011 to 2016

	South Kempsey/ Crescent Head – Kundabung		East Kempsey/ West Kempsey - Greenhill		Frederickton and District		Aldavilla – Euroka – Yarravel		Rural West - Bellbrook		Smithtown – Gladstone and District		South West Rocks – Jerseyville		Stuarts Point and District	
	2011	2016	2011	2016	2011	2016	2011	2016	2011	2016	2011	2016	2011	2016	2011	2016
Agriculture, Forestry and Fishing	66.7%	41.2%	100.0%	61.3%	68.1%	79.8%	73.9%	50.0%	71.1%	68.5%	70.6%	77.3%	38.9%	58.8%	59.3%	51.8%
Mining	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	82.9%	74.8%	85.7%	74.2%	67.0%	61.0%	100.0%	100.0%	100.0%	-	93.2%	86.3%	52.6%	50.0%	50.0%	40.0%
Electricity, Gas, Water and Waste Services	94.9%	93.8%	-	100.0%	-	-	-	-	-	-	-	-	0.0%	0.0%	-	-
Construction	81.3%	79.3%	87.2%	92.1%	88.0%	52.8%	93.6%	66.7%	76.9%	69.2%	64.7%	68.4%	56.1%	65.7%	30.8%	81.8%
Wholesale Trade	73.4%	83.6%	73.4%	83.6%	72.2%	-	40.0%	100.0%	-	-	100.0%	-	60.0%	100.0%	50.0%	-
Retail Trade	52.4%	54.5%	43.8%	46.4%	0.0%	50.0%	50.0%	27.3%	-	-	58.8%	45.8%	34.7%	44.4%	59.4%	35.1%
Accommodation and Food Services	45.8%	31.1%	31.6%	27.8%	34.1%	55.6%	70.0%	0.0%	30.8%	33.3%	33.3%	41.8%	31.2%	43.4%	53.1%	46.0%
Transport, Postal and Warehousing	69.0%	69.4%	86.6%	74.2%	56.3%	44.4%	63.6%	50.0%	100.0%	-	72.7%	43.8%	55.3%	52.0%	50.0%	30.0%
Information Media and Telecommunications	70.3%	30.9%	69.2%	40.0%	-	-	-	-	-	-	-	-	-	-	-	-
Financial and Insurance Services	65.0%	64.9%	65.0%	64.9%	-	-	-	-	-	-	-	-	72.7%	100.0%	-	-
Rental, Hiring and Real Estate Services	63.7%	64.3%	78.1%	76.2%	-	-	-	-	-	-	0.0%	-	63.3%	73.1%	100.0%	0.0%
Professional, Scientific and Technical Services	71.3%	61.5%	74.1%	58.9%	25.0%	-	33.3%	58.3%	50.0%	-	42.9%	57.1%	36.1%	48.8%	0.0%	42.9%
Administrative and Support Services	39.8%	44.3%	64.0%	62.8%	41.7%	-	50.0%	57.1%	-	-	42.9%	17.6%	45.9%	26.8%	0.0%	45.5%
Public Administration and Safety	89.1%	78.5%	82.7%	81.1%	-	100.0%	82.4%	86.4%	100.0%	100.0%	-	-	51.6%	60.0%	-	-
Education and Training	54.4%	53.5%	75.5%	68.5%	68.8%	66.7%	51.2%	36.5%	58.3%	57.9%	55.6%	50.0%	51.4%	54.5%	28.6%	41.7%
Health Care and Social Assistance	47.4%	50.2%	62.5%	49.3%	52.1%	33.6%	38.2%	27.7%	-	0.0%	57.1%	54.2%	46.8%	44.5%	0.0%	100.0%
Arts and Recreation Services	56.3%	41.9%	-	64.7%	-	100.0%	-	-	-	-	-	-	56.5%	72.7%	0.0%	-
Other Services	71.9%	64.8%	73.1%	60.0%	62.5%	63.2%	100.0%	100.0%	-	-	50.0%	-	51.4%	55.3%	30.0%	100.0%
Total	**60.8%**	**59.6%**	**59.2%**	**54.3%**	**59.9%**	**54.0%**	**72.5%**	**67.6%**	**64.2%**	**61.5%**	**70.1%**	**65.7%**	**42.9%**	**49.7%**	**49.6%**	**51.8%**

APPENDIX D: TRANSPORT FOR NEW SOUTH WALES EMPLOYMENT PROJECTIONS

AP0D

Table D-1: Employment Projections, Frederickton and District, 2016 to 2041

	2016	2021	2026	2031	2036	2041
Agriculture, Forestry and Fishing	84	80	76	73	68	63
Mining	7	8	7	7	7	7
Manufacturing	172	174	177	178	180	182
Food Product Manufacturing	162	163	165	166	168	169
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0
Wood Product Manufacturing	5	6	6	6	6	6
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	6	6	6	6	6	6
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0
Electricity, Gas, Water and Waste Services	0	0	0	0	0	0
Construction	226	232	236	236	235	233
Wholesale Trade	0	0	0	0	0	0
Retail Trade	34	34	34	34	34	34
Accommodation and Food Services	37	39	41	42	42	42
Transport, Postal and Warehousing	51	55	55	56	55	55
Information Media and Telecommunications	0	0	0	0	0	0
Financial and Insurance Services	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0
Professional, Scientific and Technical Services	28	30	31	32	32	32
Administrative and Support Services	25	25	26	26	26	26
Public Administration and Safety	9	9	10	10	10	10
Education and Training	28	30	32	34	34	34
Health Care and Social Assistance	184	190	192	194	194	194
Arts and Recreation Services	4	5	5	5	5	5
Other Services	33	34	35	35	35	35
Total	**922**	**947**	**957**	**961**	**957**	**950**

Table D-2: Employment Projections, Aldavilla - Euroka - Yarravel, 2016 to 2041

	2016	2021	2026	2031	2036	2041
Agriculture, Forestry and Fishing	30	28	27	26	24	22
Mining	0	0	0	0	0	0
Manufacturing	25	26	27	27	28	28
Food Product Manufacturing	6	6	6	6	6	6
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0
Wood Product Manufacturing	10	11	11	11	12	12
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0
Transport Equipment Manufacturing	9	9	9	9	10	10
Machinery and Equipment Manufacturing	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0
Electricity, Gas, Water and Waste Services	0	0	0	0	0	0
Construction	83	86	87	87	86	86
Wholesale Trade	12	12	12	12	12	12
Retail Trade	11	11	11	11	11	11
Accommodation and Food Services	6	7	7	7	7	7
Transport, Postal and Warehousing	23	24	25	25	25	25
Information Media and Telecommunications	0	0	0	0	0	0
Financial and Insurance Services	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0
Professional, Scientific and Technical Services	10	11	11	12	12	12
Administrative and Support Services	6	6	6	6	6	6
Public Administration and Safety	287	299	311	312	313	312
Education and Training	53	57	61	65	65	64
Health Care and Social Assistance	77	80	80	81	81	81
Arts and Recreation Services	0	0	0	0	0	0
Other Services	12	12	13	13	12	12
Total	635	660	678	684	682	679

Table D-3: Employment Projections, South Kempsey and Crescent Head - Kundabung, 2016 to 2041

	2016	2021	2026	2031	2036	2041
Agriculture, Forestry and Fishing	41	39	37	35	33	30
Mining	0	0	0	0	0	0
Manufacturing	174	185	188	191	194	198
Food Product Manufacturing	62	62	63	64	65	65
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	26	31	31	32	33	33
Wood Product Manufacturing	18	19	20	20	21	22
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	13	14	14	14	14	14
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	7	7	7	7	8	8
Primary Metal and Metal Product Manufacturing	7	8	9	9	9	9
Fabricated Metal Product Manufacturing	26	29	30	30	30	30
Transport Equipment Manufacturing	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0
Furniture and Other Manufacturing	14	14	14	15	15	16
Electricity, Gas, Water and Waste Services	75	75	74	73	71	70
Construction	445	457	465	466	463	459
Wholesale Trade	106	105	104	103	103	102
Retail Trade	125	126	126	126	125	124
Accommodation and Food Services	503	539	562	570	574	572
Transport, Postal and Warehousing	299	318	321	324	321	320
Information Media and Telecommunications	2	2	2	2	2	2
Financial and Insurance Services	12	12	12	13	13	13
Rental, Hiring and Real Estate Services	28	31	34	35	35	36
Professional, Scientific and Technical Services	36	39	41	41	41	41
Administrative and Support Services	37	38	39	39	39	39
Public Administration and Safety	68	71	74	74	74	74
Education and Training	758	819	885	932	935	928
Health Care and Social Assistance	140	145	147	148	148	148
Arts and Recreation Services	47	53	55	55	56	56
Other Services	237	250	254	255	253	252
Total	3,133	3,305	3,417	3,481	3,480	3,464

Table D-4: Employment Projections, East/West Kempsey, 2016 to 2041

	2016	2021	2026	2031	2036	2041
Agriculture, Forestry and Fishing	37	35	33	32	30	27
Mining	4	4	4	4	4	4
Manufacturing	52	55	56	57	59	61
Food Product Manufacturing	5	5	5	5	5	5
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	3	3	3	4	4	4
Wood Product Manufacturing	32	35	36	36	38	39
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	1	2	2	2	2	2
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	1	1	1	1	1	1
Primary Metal and Metal Product Manufacturing	1	1	1	1	1	1
Fabricated Metal Product Manufacturing	3	3	3	3	3	3
Transport Equipment Manufacturing	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0
Furniture and Other Manufacturing	6	6	6	6	6	7
Electricity, Gas, Water and Waste Services	0	0	0	0	0	0
Construction	81	83	84	85	84	83
Wholesale Trade	12	12	12	11	11	11
Retail Trade	886	894	894	892	888	881
Accommodation and Food Services	120	129	134	136	137	137
Transport, Postal and Warehousing	66	70	71	71	71	70
Information Media and Telecommunications	17	17	17	18	18	18
Financial and Insurance Services	110	111	112	115	116	117
Rental, Hiring and Real Estate Services	63	70	76	79	80	80
Professional, Scientific and Technical Services	191	208	216	219	220	220
Administrative and Support Services	202	207	209	211	210	209
Public Administration and Safety	480	499	519	521	522	521
Education and Training	102	110	119	126	126	125
Health Care and Social Assistance	1,204	1,245	1,259	1,268	1,272	1,267
Arts and Recreation Services	20	22	23	23	23	24
Other Services	30	32	32	32	32	32
Total	3,676	3,803	3,871	3,901	3,902	3,888

Table D-5: Employment Projections, Rural West - Bellbrook, 2016 to 2041

	2016	2021	2026	2031	2036	2041
Agriculture, Forestry and Fishing	128	122	116	111	103	96
Mining	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0
Food Product Manufacturing	0	0	0	0	0	0
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0
Wood Product Manufacturing	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0
Electricity, Gas, Water and Waste Services	0	0	0	0	0	0
Construction	14	15	15	15	15	15
Wholesale Trade	0	0	0	0	0	0
Retail Trade	0	0	0	0	0	0
Accommodation and Food Services	21	22	23	24	24	24
Transport, Postal and Warehousing	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0
Financial and Insurance Services	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0
Professional, Scientific and Technical Services	19	21	21	22	22	22
Administrative and Support Services	7	7	7	7	7	7
Public Administration and Safety	18	19	20	20	20	20
Education and Training	18	19	21	22	22	22
Health Care and Social Assistance	7	7	7	7	7	7
Arts and Recreation Services	0	0	0	0	0	0
Other Services	4	4	5	5	5	4
Total	236	236	234	231	224	216

Table D-6: Employment Projections, Stuarts Point and District, 2016 to 2041

	2016	2021	2026	2031	2036	2041
Agriculture, Forestry and Fishing	225	214	204	194	182	168
Mining	6	6	6	6	6	6
Manufacturing	4	4	4	4	4	4
Food Product Manufacturing	4	4	4	4	4	4
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0
Wood Product Manufacturing	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0
Electricity, Gas, Water and Waste Services	0	0	0	0	0	0
Construction	76	79	80	80	79	79
Wholesale Trade	0	0	0	0	0	0
Retail Trade	37	37	37	37	37	37
Accommodation and Food Services	57	61	63	64	65	65
Transport, Postal and Warehousing	12	13	13	13	13	13
Information Media and Telecommunications	0	0	0	0	0	0
Financial and Insurance Services	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	5	5	6	6	6	6
Professional, Scientific and Technical Services	3	3	4	4	4	4
Administrative and Support Services	18	18	19	19	19	19
Public Administration and Safety	0	0	0	0	0	0
Education and Training	22	24	26	28	28	28
Health Care and Social Assistance	6	7	7	7	7	7
Arts and Recreation Services	0	0	0	0	0	0
Other Services	5	5	5	5	5	5
Total	**477**	**478**	**473**	**467**	**454**	**439**

Table D-7: Employment Projections, Smithtown - Gladstone and District, 2016 to 2041

	2016	2021	2026	2031	2036	2041
Agriculture, Forestry and Fishing	70	66	63	60	56	52
Mining	0	0	0	0	0	0
Manufacturing	216	218	221	223	225	227
Food Product Manufacturing	210	211	214	216	218	219
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0
Wood Product Manufacturing	7	7	7	7	8	8
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0
Electricity, Gas, Water and Waste Services	0	0	0	0	0	0
Construction	82	85	86	86	86	85
Wholesale Trade	0	0	0	0	0	0
Retail Trade	45	45	45	45	45	45
Accommodation and Food Services	64	69	71	73	73	73
Transport, Postal and Warehousing	22	24	24	24	24	24
Information Media and Telecommunications	0	0	0	0	0	0
Financial and Insurance Services	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0
Professional, Scientific and Technical Services	16	18	19	19	19	19
Administrative and Support Services	28	29	29	30	29	29
Public Administration and Safety	0	0	0	0	0	0
Education and Training	42	46	49	52	52	52
Health Care and Social Assistance	34	36	36	36	36	36
Arts and Recreation Services	0	0	0	0	0	0
Other Services	5	5	6	6	6	6
Total	**626**	**640**	**649**	**653**	**651**	**647**

Table D-8: Employment Projections, South West Rocks - Jerseyville, 2016 to 2041

	2016	2021	2026	2031	2036	2041
Agriculture, Forestry and Fishing	30	28	27	26	24	22
Mining	0	0	0	0	0	0
Manufacturing	34	34	35	35	36	37
Food Product Manufacturing	21	21	21	21	21	22
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0
Wood Product Manufacturing	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	4	4	5	5	5	5
Transport Equipment Manufacturing	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0
Furniture and Other Manufacturing	9	9	9	10	10	10
Electricity, Gas, Water and Waste Services	4	4	4	4	4	4
Construction	175	180	183	183	182	181
Wholesale Trade	4	4	4	4	4	4
Retail Trade	235	237	237	237	236	234
Accommodation and Food Services	230	246	257	261	262	261
Transport, Postal and Warehousing	28	29	30	30	30	29
Information Media and Telecommunications	0	0	0	0	0	0
Financial and Insurance Services	15	16	16	16	16	16
Rental, Hiring and Real Estate Services	43	48	52	54	54	55
Professional, Scientific and Technical Services	49	53	55	56	56	56
Administrative and Support Services	57	58	59	60	59	59
Public Administration and Safety	10	10	11	11	11	11
Education and Training	79	85	92	97	97	96
Health Care and Social Assistance	169	175	177	178	179	178
Arts and Recreation Services	17	19	19	20	20	20
Other Services	63	67	68	68	68	67
Total	**1,243**	**1,296**	**1,326**	**1,340**	**1,338**	**1,332**

APPENDIX E: SCENARIO ONE - EMPLOYMENT PROJECTIONS AT TWO-DIGIT ANZSIC LEVEL

AP0E

Table E-1: Employment Projections, Kempsey Shire, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	591	477	486	488	475	464	451	364	294	304	280	267	258	249	226	183	182	207	207	206	201
Aquaculture	4	4	8	12	16	18	19	4	4	8	12	16	18	19	0	0	0	0	0	0	0
Forestry and Logging	5	4	7	11	14	16	17	0	0	0	0	0	0	0	5	4	7	11	14	16	17
Fishing, Hunting and Trapping	30	24	38	44	47	47	46	8	24	38	44	47	47	46	21	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	15	12	32	43	51	54	54	11	12	32	43	51	54	54	4	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	9	9	8	9	9	10	10	0	0	0	0	0	0	0	9	9	8	9	9	10	10
Exploration and Other Mining Support Services	9	9	8	9	9	10	10	0	0	0	0	0	0	0	9	9	8	9	9	10	10
Food Product Manufacturing	469	487	439	496	529	570	605	315	293	243	263	272	288	304	153	194	197	233	257	282	301
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	29	17	32	36	39	42	46	23	15	31	36	39	42	46	6	2	1	0	0	0	0
Wood Product Manufacturing	72	48	72	82	89	98	108	51	31	43	45	46	48	53	21	17	29	37	44	50	55
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	15	8	14	16	17	18	20	10	3	1	0	0	0	0	4	5	13	16	17	18	20
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	13	14	13	14	15	17	18	8	8	7	8	9	10	11	6	6	5	6	7	7	8
Primary Metal and Metal Product Manufacturing	8	8	9	10	11	12	13	8	8	9	10	11	12	13	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	33	20	35	39	41	44	48	29	17	30	34	36	39	42	4	2	4	5	5	5	6
Transport Equipment Manufacturing	9	6	9	10	10	12	12	9	6	9	10	10	11	12	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	7	0	0	0	0	0	0	1	0	0	0	0	0	0	6	0	0	0	0	0
Furniture and Other Manufacturing	29	20	27	31	34	37	40	29	20	27	31	34	37	40	0	0	0	0	0	0	0
Electricity Supply	22	18	3	0	0	0	0	22	18	3	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	3	3	6	9	10	11	12	3	3	6	9	10	11	12	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Water Supply, Sewerage and Drainage Services	44	35	49	52	52	54	55	35	28	40	43	43	45	46	9	7	9	9	9	9	9
Waste Collection, Treatment and Disposal Services	10	8	16	20	22	24	25	10	8	16	20	22	24	25	0	0	0	0	0	0	0
Building Construction	288	267	229	212	181	188	203	234	223	199	195	175	186	202	53	44	30	17	6	2	1
Heavy and Civil Engineering Construction	211	196	290	405	508	583	632	122	93	129	153	190	223	245	89	104	162	253	318	360	386
Construction Services	683	635	615	661	666	666	670	489	408	324	304	293	281	277	195	227	291	358	373	385	393
Basic Material Wholesaling	62	47	43	33	25	20	18	49	38	36	28	22	18	16	13	9	8	5	4	3	2
Machinery and Equipment Wholesaling	10	7	0	0	0	0	0	10	7	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	43	33	64	87	103	118	126	37	33	64	87	103	118	126	6	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	10	7	9	9	9	10	10	10	7	9	9	9	10	10	0	0	0	0	0	0	0
Other Goods Wholesaling	10	7	8	7	6	6	5	10	7	8	7	6	6	5	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	72	45	69	92	102	112	119	57	36	57	78	88	98	104	16	9	11	13	14	14	15
Fuel Retailing	48	30	40	46	45	46	47	14	8	9	8	6	5	5	34	21	31	38	39	40	42
Food Retailing	561	346	473	593	641	691	729	212	134	181	231	254	277	293	349	213	292	362	386	414	435
Other Store-Based Retailing	692	427	581	705	730	762	791	354	241	357	469	510	544	568	338	187	223	236	220	217	223
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	386	227	359	462	492	522	545	149	47	66	96	106	111	115	237	181	292	366	386	410	429
Food and Beverage Services	652	384	575	736	797	861	910	221	142	233	316	352	383	405	431	241	342	420	445	478	505
Road Transport	386	360	382	431	465	492	510	244	214	213	223	228	236	243	142	146	169	208	237	256	267
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	4	4	9	15	21	25	28	4	4	9	15	21	25	28	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	93	87	90	95	96	98	108	56	55	45	34	19	7	8	37	32	45	61	77	91	101
Transport Support Services	13	12	14	14	13	14	15	9	8	6	4	1	1	1	4	4	8	10	12	14	15
Warehousing and Storage Services	4	4	3	2	0	0	0	4	4	3	2	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	18	18	18	20	22	23	25	7	2	0	0	0	0	0	11	16	18	20	22	23	25
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	101	77	89	94	96	98	102	66	51	59	63	65	67	70	35	27	30	31	31	31	32
Insurance and Superannuation Funds	14	11	20	31	42	51	58	10	5	4	0	0	0	0	4	6	17	31	42	51	58
Auxiliary Finance and Insurance Services	23	17	20	20	20	20	21	19	15	17	18	18	18	19	4	3	2	2	2	2	2
Rental and Hiring Services (except Real Estate)	17	13	16	18	17	17	17	10	8	9	10	10	10	10	7	6	7	8	7	7	7
Property Operators and Real Estate Services	121	93	127	156	175	188	201	87	70	101	122	135	145	154	34	22	26	34	40	44	47
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	338	288	334	374	394	414	433	169	131	137	139	132	132	137	169	157	197	236	262	281	296
Computer System Design and Related Services	14	12	24	37	49	60	67	6	1	3	4	4	4	4	8	11	21	34	45	55	62
Administrative Services	243	204	239	277	306	322	339	140	100	101	102	100	101	106	103	104	138	176	206	221	234
Building Cleaning, Pest Control and Other Support Services	139	117	125	130	130	139	147	36	37	45	52	57	61	65	102	79	79	78	73	77	82
Public Administration	549	438	524	593	627	670	707	443	347	405	449	468	497	522	107	91	118	144	159	174	184
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	323	257	324	384	413	440	464	281	228	288	331	346	363	381	42	30	36	52	68	77	83
Preschool and School Education	982	784	998	1,173	1,275	1,348	1,405	552	426	529	610	656	685	711	431	357	468	563	619	663	694
Tertiary Education	56	45	29	37	53	58	61	24	16	15	26	40	45	47	32	28	14	10	13	14	14
Adult, Community and Other Education	63	50	83	121	157	183	199	21	24	50	84	118	143	158	42	27	34	37	39	39	41
Hospitals	53	53	60	75	86	97	105	35	40	51	69	84	97	105	18	13	9	6	2	0	0
Medical and Other Health Care Services	1,287	1,277	1,222	1,354	1,423	1,507	1,575	632	488	333	230	129	76	62	655	789	889	1,124	1,294	1,431	1,512
Residential Care Services	328	325	335	382	408	434	455	116	62	13	12	11	11	11	211	263	322	370	397	424	444
Social Assistance Services	154	153	141	165	188	216	234	64	68	70	76	79	85	90	90	85	70	89	109	130	144
Heritage Activities	29	36	27	27	26	27	29	18	24	20	22	23	25	26	12	12	7	5	3	3	3
Creative and Performing Arts Activities	8	9	13	20	25	29	32	0	0	0	0	0	0	0	8	9	13	20	25	29	32
Sports and Recreation Activities	52	64	52	59	63	65	68	32	41	36	44	50	52	55	20	23	15	14	13	13	13
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	210	180	195	208	208	215	224	164	128	124	117	106	104	107	46	51	71	91	102	111	117
Personal and Other Services	179	147	188	225	251	271	287	80	62	65	65	61	59	60	100	85	123	160	190	212	226

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	10,948	9,042	10,367	12,013	12,844	13,667	14,328	6,236	4,876	5,274	5,791	5,988	6,257	6,524	4,711	4,166	5,094	6,223	6,857	7,410	7,804

Table E-2: Employment Projections, South Kempsey/Crescent Head -Kundabung, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	41	33	36	38	39	38	38	17	14	15	0	0	0	0	24	19	21	38	39	38	38
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	62	65	58	66	70	76	80	26	11	0	0	0	0	0	36	54	58	66	70	76	80
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	26	15	29	32	35	38	41	20	13	28	32	35	38	41	6	2	1	0	0	0	0
Wood Product Manufacturing	18	12	18	20	22	24	27	15	9	13	14	15	16	17	3	3	5	6	7	9	9
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	13	7	13	14	15	16	18	9	3	1	0	0	0	0	4	4	11	14	15	16	18
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	7	7	7	7	8	9	10	7	7	7	7	8	9	10	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	7	7	8	9	10	11	11	7	7	8	9	10	11	11	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Fabricated Metal Product Manufacturing	26	15	27	31	33	35	38	26	15	27	31	33	35	38	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	14	9	13	15	16	18	19	14	9	13	15	16	18	19	0	0	0	0	0	0	0
Electricity Supply	22	18	3	0	0	0	0	22	18	3	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	3	3	6	9	10	11	12	3	3	6	9	10	11	12	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	39	32	45	48	48	49	50	35	28	40	43	43	45	46	5	4	5	5	4	4	4
Waste Collection, Treatment and Disposal Services	10	8	16	20	22	24	25	10	8	16	20	22	24	25	0	0	0	0	0	0	0
Building Construction	174	162	114	68	15	0	0	142	133	94	56	12	0	0	32	30	20	12	3	0	0
Heavy and Civil Engineering Construction	89	83	144	230	307	356	383	63	35	19	0	0	0	0	26	48	125	230	307	356	383
Construction Services	181	169	169	184	189	186	185	148	141	145	163	170	168	168	34	27	23	21	19	17	17
Basic Material Wholesaling	48	36	34	26	19	14	12	36	28	27	21	16	12	10	12	8	7	5	3	2	2
Machinery and Equipment Wholesaling	9	7	0	0	0	0	0	9	7	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	32	24	48	67	81	93	100	26	24	48	67	81	93	100	6	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	9	7	8	8	8	9	9	9	7	8	8	8	9	9	0	0	0	0	0	0	0
Other Goods Wholesaling	9	7	7	6	5	5	5	9	7	7	6	5	5	5	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	48	30	43	55	60	66	70	35	22	33	44	49	54	58	13	7	10	11	11	12	12
Fuel Retailing	24	15	19	21	21	20	20	9	5	6	6	6	5	5	15	10	13	15	15	15	15
Food Retailing	24	15	20	25	27	29	30	9	5	8	10	10	11	12	15	9	13	16	17	18	18
Other Store-Based Retailing	29	18	24	29	31	32	33	16	11	15	20	21	23	24	14	8	9	10	9	9	9
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	263	155	222	267	269	273	280	82	8	0	0	0	0	0	181	147	222	267	269	273	280
Food and Beverage Services	240	141	230	316	358	398	427	74	43	68	92	103	114	122	165	98	162	224	255	285	305
Road Transport	221	207	237	284	322	351	368	141	128	142	166	184	199	208	81	79	95	118	138	152	160
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	4	4	9	15	21	25	28	4	4	9	15	21	25	28	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Postal and Courier Pick-up and Delivery Services	61	57	43	29	13	0	0	50	49	39	27	12	0	0	11	8	5	3	1	0	0
Transport Support Services	8	7	5	3	0	0	0	8	7	5	3	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	4	4	3	1	0	0	0	4	4	3	1	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	1	1	2	2	2	2	2	1	0	0	0	0	0	0	1	1	2	2	2	2	2
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	9	7	7	8	8	8	8	5	4	4	5	5	5	5	4	3	3	3	3	3	3
Insurance and Superannuation Funds	1	1	2	3	4	5	6	1	0	0	0	0	0	0	0	1	2	3	4	5	6
Auxiliary Finance and Insurance Services	2	2	2	2	2	2	2	2	1	2	2	2	2	2	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	17	13	16	18	17	17	17	10	8	9	10	10	10	10	7	6	7	8	7	7	7
Property Operators and Real Estate Services	10	8	13	18	21	25	27	8	6	9	12	15	17	19	2	2	3	5	7	8	9
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	34	29	34	39	41	43	45	21	16	15	14	13	12	12	13	14	19	25	28	31	33
Computer System Design and Related Services	1	1	2	3	4	5	6	1	0	0	0	0	0	0	1	1	2	3	4	5	6
Administrative Services	5	4	2	0	0	0	0	3	3	1	0	0	0	0	2	2	1	0	0	0	0
Building Cleaning, Pest Control and Other Support Services	32	27	33	40	43	45	48	13	14	20	27	31	34	36	19	14	14	14	12	11	12
Public Administration	15	12	9	5	0	0	0	12	9	7	4	0	0	0	3	2	2	1	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	54	43	57	72	81	87	92	42	27	29	27	23	21	21	12	15	28	45	58	66	71
Preschool and School Education	666	532	701	844	935	996	1,041	369	289	374	443	484	512	535	298	243	327	401	451	484	506
Tertiary Education	46	37	9	0	0	0	0	20	12	2	0	0	0	0	26	25	7	0	0	0	0
Adult, Community and Other Education	46	37	55	74	88	99	106	17	19	36	57	77	91	99	29	18	19	16	11	8	7
Hospitals	47	46	47	55	60	66	70	29	33	38	49	58	66	70	18	13	9	6	2	0	0
Medical and Other Health Care Services	4	4	4	5	6	6	7	2	2	1	1	0	0	0	2	3	3	4	5	6	7
Residential Care Services	40	39	35	36	35	35	35	15	14	12	12	11	11	11	24	25	23	24	24	24	25
Social Assistance Services	50	50	49	56	61	66	70	24	25	25	29	32	35	37	26	25	24	27	29	31	33

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	8	9	13	20	25	29	32	0	0	0	0	0	0	0	8	9	13	20	25	29	32
Sports and Recreation Activities	40	49	36	37	36	36	37	20	26	21	23	23	24	24	20	23	15	14	13	13	13
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	124	104	118	128	131	135	139	96	75	78	79	76	76	78	28	29	39	49	55	59	61
Personal and Other Services	113	95	116	136	149	161	171	58	41	40	37	32	30	31	55	54	76	99	117	131	140
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,133	2,531	3,022	3,545	3,823	4,076	4,280	1,853	1,437	1,578	1,715	1,783	1,870	1,957	1,281	1,094	1,444	1,829	2,040	2,207	2,323

Table E-3: Employment Projections, East/West Kempsey, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	32	26	25	24	21	18	17	23	18	18	10	5	3	2	9	8	7	13	16	16	15
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	5	4	7	11	14	16	17	0	0	0	0	0	0	0	5	4	7	11	14	16	17
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	2	2	2	2	2	2	2	0	0	0	0	0	0	0	2	2	2	2	2	2	2
Exploration and Other Mining Support Services	2	2	2	2	2	2	2	0	0	0	0	0	0	0	2	2	2	2	2	2	2
Food Product Manufacturing	5	5	4	5	5	6	6	2	1	0	0	0	0	0	3	4	4	5	5	6	6
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	3	2	3	4	4	4	5	2	2	3	4	4	4	5	1	0	0	0	0	0	0
Wood Product Manufacturing	32	22	32	37	40	44	48	23	14	18	18	18	19	20	9	8	14	18	22	25	28
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Printing (including the Reproduction of Recorded Media)	1	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	1	2	2	2	2
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	3	2	3	3	4	4	4	3	2	3	3	4	4	4	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	6	4	6	6	7	8	8	6	4	6	6	7	8	8	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	15	14	14	15	16	17	18	15	14	14	15	16	17	18	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Services	66	62	64	72	77	82	85	60	62	64	72	77	82	85	6	0	0	0	0	0	0
Basic Material Wholesaling	5	4	4	3	2	2	1	4	3	3	2	2	1	1	1	1	1	1	0	0	0
Machinery and Equipment Wholesaling	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	4	3	5	7	9	10	11	3	3	5	7	9	10	11	1	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Other Goods Wholesaling	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	10	6	9	11	12	13	14	7	4	7	9	10	11	12	3	1	2	2	2	2	3
Fuel Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Retailing	386	238	331	414	443	474	498	142	89	125	157	169	182	191	244	150	207	257	274	292	307
Other Store-Based Retailing	490	303	411	502	525	552	576	262	175	255	331	362	390	409	229	128	155	170	162	163	168
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	4	2	3	4	3	3	3	2	2	3	4	3	3	3	1	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Food and Beverage Services	116	69	105	136	146	157	166	31	15	18	17	13	12	12	85	54	87	119	133	146	154
Road Transport	57	53	57	65	69	74	78	41	30	24	18	12	9	8	16	23	34	47	58	65	70
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	7	7	7	7	8	8	8	6	6	6	7	7	7	8	1	1	1	1	0	0	0
Transport Support Services	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	17	17	16	18	19	21	22	7	2	0	0	0	0	0	10	15	16	18	19	21	22
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	77	59	67	70	70	71	73	45	35	40	42	43	43	45	32	24	27	28	28	28	29
Insurance and Superannuation Funds	12	10	18	28	37	46	52	9	4	3	0	0	0	0	3	5	15	28	37	46	52
Auxiliary Finance and Insurance Services	20	16	18	18	18	18	19	17	13	15	16	16	17	17	3	2	2	2	2	2	2
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	63	48	65	79	87	93	99	48	36	47	56	60	64	68	15	12	18	23	27	29	31
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	180	153	176	194	200	207	215	109	73	61	44	28	20	18	71	80	115	150	172	187	197
Computer System Design and Related Services	11	9	19	30	41	50	57	4	0	0	0	0	0	0	8	9	19	30	41	50	57
Administrative Services	202	170	193	217	232	245	259	127	98	100	102	100	101	106	75	73	93	115	132	144	153
Building Cleaning, Pest Control and Other Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration	480	383	466	538	572	611	644	389	304	363	411	431	457	481	91	79	103	127	141	154	163
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preschool and School Education	98	78	101	124	138	148	155	70	49	54	56	54	53	55	28	29	47	68	84	94	100

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	4	3	2	0	0	0	0	0	0	0	0	0	0	0	4	3	2	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	1,188	1,179	1,130	1,254	1,320	1,399	1,463	594	442	283	172	70	15	1	594	737	848	1,081	1,250	1,384	1,463
Residential Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Assistance Services	16	16	31	52	73	91	103	0	0	0	0	0	0	0	16	16	31	52	73	91	103
Heritage Activities	20	25	21	24	26	27	29	13	19	18	21	23	25	26	7	5	3	3	3	3	3
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	23	20	22	23	23	23	23	18	13	12	10	8	7	7	5	7	10	13	15	16	16
Personal and Other Services	7	6	8	11	13	15	16	0	0	0	0	0	0	0	7	6	8	11	13	15	16
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,676	3,024	3,453	4,016	4,284	4,570	4,804	2,088	1,535	1,571	1,618	1,556	1,568	1,624	1,588	1,489	1,882	2,399	2,728	3,002	3,180

Table E-4: Employment Projections, Aldavilla - Euroka - Yarravel, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	30	24	26	28	28	28	27	15	12	13	8	3	1	1	15	12	13	20	25	27	27
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	6	6	6	7	7	7	8	0	0	0	0	0	0	0	6	6	6	7	7	7	8
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	10	7	10	11	12	14	15	10	7	10	11	12	14	15	0	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment Manufacturing	9	6	9	10	10	11	12	9	6	9	10	10	11	12	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	9	8	6	5	3	2	1	0	0	0	0	0	0	0	9	8	6	5	3	2	1
Heavy and Civil Engineering Construction	9	8	17	28	39	48	54	9	8	17	28	39	48	54	0	0	0	0	0	0	0
Construction Services	66	61	57	57	53	51	51	47	30	16	5	0	0	0	19	31	41	52	53	51	51
Basic Material Wholesaling	5	4	1	0	0	0	0	5	4	1	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	8	6	10	13	13	14	15	8	6	10	13	13	14	15	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Motor Vehicle and Motor Vehicle Parts Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Retailing	4	3	5	6	7	8	8	0	0	0	0	0	0	0	4	3	5	6	7	8	8
Other Store-Based Retailing	7	4	5	5	5	5	6	3	2	1	1	1	1	1	4	3	4	4	4	5	5
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food and Beverage Services	6	4	6	7	8	9	9	0	0	0	0	0	0	0	6	4	6	7	8	9	9
Road Transport	23	21	23	26	27	29	30	11	8	5	3	0	0	0	11	14	18	23	27	29	30
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	10	9	10	12	13	14	14	6	7	10	12	13	14	14	4	1	0	0	0	0	0
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Administrative Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Cleaning, Pest Control and Other Support Services	6	5	6	7	7	7	8	3	3	4	5	6	6	7	3	2	2	1	1	1	1
Public Administration	31	25	32	40	45	50	53	18	15	19	24	27	30	32	13	10	13	16	18	20	21
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	256	204	247	283	298	316	332	230	193	245	283	298	316	332	26	11	2	0	0	0	0
Preschool and School Education	39	31	26	16	2	0	0	15	8	3	0	0	0	0	24	23	23	16	2	0	0
Tertiary Education	10	8	20	37	53	58	61	4	5	14	26	40	45	47	6	3	7	10	13	14	14
Adult, Community and Other Education	3	2	6	11	16	18	18	0	0	0	0	0	0	0	3	2	6	11	16	18	18
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	10	10	12	17	21	23	25	0	0	0	0	0	0	0	10	10	12	17	21	23	25
Residential Care Services	44	44	48	60	68	72	75	11	5	0	0	0	0	0	33	39	48	60	68	72	75
Social Assistance Services	23	23	14	6	0	0	0	10	10	6	3	0	0	0	13	13	8	3	0	0	0
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	12	10	12	13	14	15	15	12	10	12	13	14	15	15	0	0	0	0	0	0	0
Personal and Other Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	635	534	614	704	751	799	839	426	337	395	444	477	515	545	210	197	219	260	274	285	294

Table E-5: Employment Projections, Rural West - Bellbrook, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	128	104	114	120	121	121	118	88	71	78	80	78	77	75	40	33	36	41	43	44	43
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Services	14	13	14	14	16	17	18	10	12	14	14	16	17	18	4	2	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Basic Material Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Store-Based Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	7	4	12	22	25	27	29	7	4	12	22	25	27	29	0	0	0	0	0	0	0
Food and Beverage Services	14	8	6	0	0	0	0	0	0	0	0	0	0	0	14	8	6	0	0	0	0
Road Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	19	16	19	20	23	25	26	0	0	0	0	0	0	0	19	16	19	20	23	25	26
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Cleaning, Pest Control and Other Support Services	7	6	7	7	8	8	9	0	0	0	0	0	0	0	7	6	7	7	8	8	9
Public Administration	12	10	6	0	0	0	0	12	10	6	0	0	0	0	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	6	5	12	18	21	22	24	6	5	12	18	21	22	24	0	0	0	0	0	0	0
Preschool and School Education	18	14	18	19	23	25	26	10	8	10	11	13	14	15	7	6	8	8	10	11	11
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Assistance Services	7	7	6	7	7	8	9	0	0	0	0	0	0	0	7	7	6	7	7	8	9
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
Personal and Other Services	4	0	4	4	5	5	5	0	0	0	0	0	0	0	4	0	4	4	5	5	5
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	236	190	218	232	248	258	264	133	109	132	145	152	157	160	103	80	86	87	96	101	104

Table E-6: Employment Projections, Smithtown and District, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	70	56	62	65	66	66	64	54	43	48	54	58	59	58	16	13	14	11	8	7	6
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	210	218	196	222	237	255	271	183	179	151	160	163	171	180	26	38	45	61	74	84	90
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	7	4	7	8	8	9	10	3	2	2	1	0	0	0	3	3	5	7	8	9	10
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	28	26	33	44	54	62	68	28	26	33	44	54	62	68	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Services	54	50	46	45	41	38	37	28	20	13	8	4	2	2	26	30	33	37	37	36	36
Basic Material Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Retailing	7	5	6	6	6	5	5	0	0	0	0	0	0	0	7	5	6	6	6	5	5
Food Retailing	11	7	3	0	0	0	0	6	3	1	0	0	0	0	6	4	2	0	0	0	0
Other Store-Based Retailing	26	16	29	41	44	47	50	15	12	25	40	44	47	50	11	5	4	1	0	0	0
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	14	8	21	39	52	65	73	7	0	0	0	0	0	0	7	8	21	39	52	65	73
Food and Beverage Services	50	29	36	35	27	21	17	20	15	22	25	21	17	14	30	15	14	10	6	4	3
Road Transport	15	14	11	8	5	2	0	10	8	6	4	2	1	0	6	6	5	4	2	1	0
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	7	6	11	16	22	26	29	0	0	0	0	0	0	0	7	6	11	16	22	26	29
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	16	14	17	19	21	22	23	9	10	14	19	21	22	23	7	4	2	0	0	0	0
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Services	12	10	17	25	32	34	36	5	0	0	0	0	0	0	7	10	17	25	32	34	36
Building Cleaning, Pest Control and Other Support Services	17	14	11	6	1	0	0	0	0	0	0	0	0	0	17	14	11	6	1	0	0
Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preschool and School Education	42	34	43	51	57	61	64	21	15	17	17	17	17	18	21	19	26	34	40	44	46
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	7	7	0	0	0	0	0	0	0	0	0	0	0	0	7	7	0	0	0	0	0
Residential Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Assistance Services	27	27	33	37	40	43	45	19	23	33	37	40	43	45	9	4	0	0	0	0	0
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal and Other Services	5	4	5	6	6	6	7	0	0	0	0	0	0	0	5	4	5	6	6	6	7
Private Households Employing Staff and Undifferentiated Goods	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
and Service-Producing Activities of Households for Own Use																					
Total	626	558	586	674	717	763	799	408	357	365	411	424	441	458	218	201	221	263	293	321	341

Table E-7: Employment Projections, South West Rocks - Jerseyville, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	8	6	7	7	7	7	6	3	3	3	6	7	7	6	4	4	4	1	0	0	0
Aquaculture	4	4	8	12	16	18	19	4	4	8	12	16	18	19	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	17	14	12	9	5	3	2	0	14	12	9	5	3	2	17	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	21	21	19	22	23	25	27	5	0	0	0	0	0	0	15	21	19	22	23	25	27
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	4	2	4	5	5	5	6	0	0	0	0	0	0	0	4	2	4	5	5	5	6

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	9	6	9	10	11	12	13	9	6	9	10	11	12	13	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	4	4	4	4	5	5	5	0	0	0	0	0	0	0	4	4	4	4	5	5	5
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	45	41	53	71	86	100	109	33	35	50	71	86	100	109	12	7	3	0	0	0	0
Heavy and Civil Engineering Construction	17	16	33	56	77	96	107	17	16	33	56	77	96	107	0	0	0	0	0	0	0
Construction Services	113	105	82	63	38	18	7	65	64	52	42	26	12	5	48	41	30	21	12	5	2
Basic Material Wholesaling	4	3	4	4	4	5	5	4	3	4	4	4	5	5	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	10	6	9	12	14	16	17	10	6	9	12	14	16	17	0	0	0	0	0	0	0
Fuel Retailing	6	3	3	2	0	0	0	6	3	3	2	0	0	0	0	0	0	0	0	0	0
Food Retailing	113	70	103	137	154	170	182	39	26	43	61	72	82	88	74	43	61	76	82	88	94
Other Store-Based Retailing	107	66	84	95	91	90	90	51	39	59	77	81	84	85	56	27	25	18	10	6	5
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	66	39	54	62	60	59	59	30	24	41	55	59	59	59	35	15	13	7	1	0	0
Food and Beverage Services	164	97	153	204	227	249	264	70	52	99	153	187	214	230	95	45	54	51	40	34	34
Road Transport	19	17	20	20	21	21	22	14	16	20	20	21	21	22	4	2	0	0	0	0	0
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	4	4	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Transport Support Services	4	4	8	10	12	14	15	0	0	0	0	0	0	0	4	4	8	10	12	14	15
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	15	12	14	16	18	19	20	15	12	14	16	18	19	20	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	43	33	44	54	60	64	68	31	29	44	54	60	64	68	12	4	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	49	42	50	58	62	66	70	24	26	37	49	58	65	69	25	16	13	8	4	1	0
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Services	17	14	14	14	13	12	12	4	0	0	0	0	0	0	13	14	14	14	13	12	12
Building Cleaning, Pest Control and Other Support Services	40	34	40	47	52	57	61	11	7	4	2	0	0	0	29	28	36	46	52	57	61
Public Administration	6	5	4	4	3	2	2	6	5	4	4	3	2	2	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	4	3	5	8	9	11	12	0	0	0	0	0	0	0	4	3	5	8	9	11	12
Preschool and School Education	69	55	59	59	54	48	45	39	34	39	42	39	36	34	30	21	20	17	14	12	11
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	10	8	20	36	53	66	74	4	5	14	27	41	52	59	6	3	6	9	12	14	16
Hospitals	7	7	13	20	26	31	34	7	7	13	20	26	31	34	0	0	0	0	0	0	0
Medical and Other Health Care Services	74	73	68	68	64	63	64	36	44	49	56	59	61	62	38	29	19	11	5	3	2
Residential Care Services	74	73	81	96	105	115	122	28	12	0	0	0	0	0	46	61	81	96	105	115	122
Social Assistance Services	15	14	1	0	0	0	0	5	3	0	0	0	0	0	9	11	1	0	0	0	0
Heritage Activities	9	11	6	3	0	0	0	5	5	2	1	0	0	0	5	7	4	2	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	8	9	11	17	22	23	24	8	9	11	17	22	23	24	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	23	20	16	9	2	0	0	18	19	16	9	2	0	0	5	0	0	0	0	0	0
Personal and Other Services	40	34	47	61	73	79	83	17	13	17	21	23	24	25	23	21	30	41	50	55	58
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,242	977	1,164	1,376	1,471	1,567	1,645	618	539	709	907	1,017	1,105	1,165	625	438	454	468	455	463	481

Table E-8: Employment Projections, Stuarts Point and District, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	198	160	141	126	113	106	102	98	79	69	51	38	32	30	100	81	71	75	75	74	72
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	12	10	26	35	41	44	44	8	10	26	35	41	44	44	4	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	15	12	32	43	51	54	54	11	12	32	43	51	54	54	4	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	3	3	3	3	3	3	3	0	0	0	0	0	0	0	3	3	3	3	3	3	3
Exploration and Other Mining Support Services	3	3	3	3	3	3	3	0	0	0	0	0	0	0	3	3	3	3	3	3	3
Food Product Manufacturing	4	4	3	4	4	4	5	0	0	0	0	0	0	0	4	4	3	4	4	4	5
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	17	16	9	8	7	7	7	17	16	9	8	7	7	7	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	40	37	64	72	78	83	87	33	34	60	69	74	79	83	7	4	4	4	3	3	4
Construction Services	19	18	0	0	0	0	0	12	15	0	0	0	0	0	7	2	0	0	0	0	0
Basic Material Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Retailing	11	7	12	16	18	20	21	0	0	0	0	0	0	0	11	7	12	16	18	20	21
Food Retailing	11	7	8	9	10	10	10	5	3	3	3	3	3	3	6	4	5	6	7	7	8
Other Store-Based Retailing	15	9	11	12	11	12	12	8	3	2	0	0	0	0	7	6	9	12	11	12	12
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	23	13	36	53	64	72	77	15	4	0	0	0	0	0	8	9	36	53	64	72	77
Food and Beverage Services	34	20	15	10	4	1	0	11	6	4	2	1	0	0	23	14	11	8	4	1	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Road Transport	7	7	0	0	0	0	0	4	3	0	0	0	0	0	4	3	0	0	0	0	0
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	5	5	12	13	14	15	15	0	0	0	0	0	0	0	5	5	12	13	14	15	15
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	5	4	5	6	6	7	7	0	0	0	0	0	0	0	5	4	5	6	6	7	7
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0
Computer System Design and Related Services	1	1	3	4	4	4	4	1	1	3	4	4	4	4	0	0	0	0	0	0	0
Administrative Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Cleaning, Pest Control and Other Support Services	18	15	17	19	20	21	22	8	14	17	19	20	21	22	10	1	0	0	0	0	0
Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preschool and School Education	22	18	23	26	29	31	33	9	10	15	21	26	29	31	13	8	7	5	3	2	2
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Adult, Community and Other Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Assistance Services	6	6	6	7	7	8	8	6	6	6	7	7	8	8	0	0	0	0	0	0	0
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	5	4	5	5	6	6	6	5	4	5	5	6	6	6	0	0	0	0	0	0	0
Personal and Other Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	477	383	434	473	494	512	523	253	221	252	266	278	288	293	225	162	182	208	217	224	230

Table E-9: Employment Projections, Frederickton and District, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	84	68	75	79	80	79	78	67	54	60	71	78	79	78	17	14	15	8	1	0	0
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	4	4	4	4	4	4	4	0	0	0	0	0	0	0	4	4	4	4	4	4	4
Exploration and Other Mining Support Services	4	4	4	4	4	4	4	0	0	0	0	0	0	0	4	4	4	4	4	4	4

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Food Product Manufacturing	162	168	152	171	183	197	209	99	102	91	102	109	117	124	63	66	60	69	74	80	85
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	5	3	5	6	6	7	8	0	0	0	0	0	0	0	5	3	5	6	6	7	8
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	6	6	5	6	7	7	8	0	0	0	0	0	0	0	6	6	5	6	7	7	8
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	56	52	33	19	8	0	0	0	0	0	0	0	0	0	56	52	33	19	8	0	0
Construction Services	169	157	184	226	252	275	288	119	64	20	0	0	0	0	50	93	164	226	252	275	288
Basic Material Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	5	3	9	13	15	17	18	5	3	9	13	15	17	18	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Fuel Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Retailing	12	7	2	0	0	0	0	12	7	2	0	0	0	0	0	0	0	0	0	0	0
Other Store-Based Retailing	17	10	18	22	22	23	24	0	0	0	0	0	0	0	17	10	18	22	22	23	24
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	10	6	10	16	19	22	24	5	5	10	16	19	22	24	4	1	0	0	0	0	0
Food and Beverage Services	27	16	23	27	27	27	27	15	12	22	27	27	27	27	12	4	1	0	0	0	0
Road Transport	43	40	34	29	21	15	12	23	20	16	13	9	6	5	20	20	18	16	12	9	7
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	9	8	17	29	40	49	56	0	0	0	0	0	0	0	9	8	17	29	40	49	56
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	28	24	28	33	35	37	39	0	0	0	0	0	0	0	28	24	28	33	35	37	39
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Services	7	6	13	22	28	30	32	0	0	0	0	0	0	0	7	6	13	22	28	30	32

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Building Cleaning, Pest Control and Other Support Services	18	15	11	5	0	0	0	0	0	0	0	0	0	0	18	15	11	5	0	0	0
Public Administration	6	5	6	7	7	8	8	6	5	6	7	7	8	8	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	3	2	3	3	4	4	4	3	2	3	3	4	4	4	0	0	0	0	0	0	0
Preschool and School Education	28	22	28	33	37	40	42	18	14	17	20	22	23	24	9	8	10	13	15	17	17
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	4	4	7	10	13	15	17	0	0	0	0	0	0	0	4	4	7	10	13	15	17
Residential Care Services	170	169	171	189	200	212	223	62	31	1	0	0	0	0	108	137	170	189	200	212	223
Social Assistance Services	10	10	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	4	5	4	5	5	6	6	4	5	4	5	5	6	6	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	22	19	24	29	33	37	39	15	7	2	0	0	0	0	7	12	22	29	33	37	39
Personal and Other Services	10	9	8	7	6	4	4	5	9	8	7	6	4	4	5	0	0	0	0	0	0
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	922	845	876	993	1,055	1,121	1,173	459	341	272	285	301	313	322	463	504	604	709	755	808	851

APPENDIX F: SCENARIO TWO - EMPLOYMENT PROJECTIONS AT TWO-DIGIT ANZSIC LEVEL

AP0F

Table F-1: Employment Projections, Kempsey Shire, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	591	477	497	495	478	461	443	364	294	309	280	265	253	243	226	183	189	215	213	208	200
Aquaculture	4	4	11	15	18	19	19	4	4	11	15	18	19	19	0	0	0	0	0	0	0
Forestry and Logging	5	4	10	13	16	17	17	0	0	0	0	0	0	0	5	4	10	13	16	17	17
Fishing, Hunting and Trapping	30	24	28	33	40	45	46	8	24	28	33	40	45	46	21	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	15	12	24	34	45	52	55	11	12	24	34	45	52	55	4	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	9	9	8	9	9	10	10	0	0	0	0	0	0	0	9	9	8	9	9	10	10
Exploration and Other Mining Support Services	9	9	8	9	9	10	10	0	0	0	0	0	0	0	9	9	8	9	9	10	10
Food Product Manufacturing	469	487	437	478	510	549	583	315	293	242	253	262	278	294	153	194	196	224	248	272	290
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	29	17	32	35	37	41	44	23	15	31	35	37	41	44	6	2	1	0	0	0	0
Wood Product Manufacturing	72	48	72	78	85	94	103	51	31	43	42	43	46	50	21	17	29	36	42	48	53
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	15	8	14	15	16	18	19	10	3	1	0	0	0	0	4	5	13	15	16	18	19
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	13	14	13	14	15	16	18	8	8	7	8	9	9	10	6	6	5	6	6	7	8
Primary Metal and Metal Product Manufacturing	8	8	9	9	10	11	12	8	8	9	9	10	11	12	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	33	20	35	37	40	43	46	29	17	30	33	35	38	40	4	2	4	5	5	5	6
Transport Equipment Manufacturing	9	6	9	9	10	10	11	9	6	9	8	9	10	11	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	7	0	0	0	0	0	0	1	0	0	0	0	0	0	6	0	0	0	0	0
Furniture and Other Manufacturing	29	20	27	30	32	36	39	29	20	27	30	32	36	39	0	0	0	0	0	0	0
Electricity Supply	22	18	0	0	0	0	0	22	18	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Gas Supply	3	3	8	9	10	11	11	3	3	8	9	10	11	11	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	44	35	48	48	49	51	53	35	28	39	40	41	43	44	9	7	8	8	9	9	9
Waste Collection, Treatment and Disposal Services	10	8	18	20	22	23	24	10	8	18	20	22	23	24	0	0	0	0	0	0	0
Building Construction	288	267	193	168	173	188	198	234	223	174	163	171	187	197	53	44	19	5	2	1	1
Heavy and Civil Engineering Construction	211	196	354	461	532	584	617	122	93	158	171	204	228	242	89	104	196	290	328	356	375
Construction Services	683	635	583	601	603	614	638	489	408	300	269	255	255	263	195	227	284	332	347	359	374
Basic Material Wholesaling	62	47	30	23	18	17	17	49	38	25	20	16	15	15	13	9	5	4	2	2	2
Machinery and Equipment Wholesaling	10	7	0	0	0	0	0	10	7	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	43	33	79	93	106	116	122	37	33	79	93	106	116	122	6	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	10	7	8	9	9	9	10	10	7	8	9	9	9	10	0	0	0	0	0	0	0
Other Goods Wholesaling	10	7	6	5	5	5	5	10	7	6	5	5	5	5	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	72	45	74	93	102	110	115	57	36	62	80	88	96	101	16	9	12	13	13	14	14
Fuel Retailing	48	30	35	39	41	44	46	14	8	7	6	5	5	5	34	21	28	34	36	39	41
Food Retailing	561	346	479	586	628	672	704	212	134	182	229	250	270	284	349	213	297	357	378	402	421
Other Store-Based Retailing	692	427	570	668	694	730	762	354	241	351	443	484	520	547	338	187	219	225	210	209	216
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	386	227	346	430	463	500	529	149	47	70	90	99	105	111	237	181	276	340	364	394	418
Food and Beverage Services	652	384	584	730	785	839	879	221	142	235	307	341	370	390	431	241	349	422	444	468	489
Road Transport	386	360	386	417	446	466	489	244	214	215	218	220	224	233	142	146	170	199	226	242	256
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	4	4	13	19	23	25	27	4	4	13	19	23	25	27	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	93	87	82	87	90	101	107	56	55	29	17	7	7	7	37	32	53	71	84	94	99
Transport Support Services	13	12	12	12	13	14	15	9	8	3	1	1	1	1	4	4	9	11	12	13	14
Warehousing and Storage Services	4	4	2	0	0	0	0	4	4	2	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	18	18	18	19	21	22	24	7	2	0	0	0	0	0	11	16	18	19	21	22	24

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	101	77	83	85	88	92	98	66	51	56	58	60	63	67	35	27	28	28	28	29	31
Insurance and Superannuation Funds	14	11	27	37	46	53	57	10	5	5	0	0	0	0	4	6	22	37	46	53	57
Auxiliary Finance and Insurance Services	23	17	18	18	18	19	20	19	15	16	16	16	17	18	4	3	2	2	2	2	2
Rental and Hiring Services (except Real Estate)	17	13	14	15	15	15	16	10	8	8	9	9	9	9	7	6	6	7	7	7	7
Property Operators and Real Estate Services	121	93	128	153	170	183	195	87	70	101	119	131	140	149	34	22	27	34	39	43	46
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	338	288	325	352	373	395	416	169	131	134	130	126	126	132	169	157	191	222	247	268	285
Computer System Design and Related Services	14	12	32	44	54	61	65	6	1	3	4	4	4	5	8	11	29	40	50	57	61
Administrative Services	243	204	246	276	294	310	327	140	100	100	98	96	98	102	103	104	146	178	197	213	225
Building Cleaning, Pest Control and Other Support Services	139	117	116	118	127	136	143	36	37	47	51	56	60	64	102	79	70	67	72	75	79
Public Administration	549	438	511	564	603	644	679	443	347	393	427	450	477	502	107	91	118	137	153	167	177
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	323	257	332	348	380	405	432	281	228	293	293	314	331	352	42	30	40	54	66	75	80
Preschool and School Education	982	784	974	1,103	1,216	1,295	1,355	552	426	521	579	625	658	686	431	357	453	524	591	637	669
Tertiary Education	56	45	30	41	49	53	56	24	16	20	30	37	40	43	32	28	10	12	12	12	13
Adult, Community and Other Education	63	50	100	134	164	182	193	21	24	61	93	124	144	154	42	27	40	41	39	38	39
Hospitals	53	53	66	78	88	96	102	35	40	57	72	85	96	102	18	13	9	6	2	0	0
Medical and Other Health Care Services	1,287	1,277	1,198	1,285	1,356	1,444	1,515	632	488	322	213	120	71	59	655	789	876	1,072	1,236	1,373	1,456
Residential Care Services	328	325	338	363	387	413	435	116	62	12	10	10	10	10	211	263	326	353	377	404	425
Social Assistance Services	154	153	147	170	195	215	228	64	68	67	72	77	83	88	90	85	80	99	117	132	141
Heritage Activities	29	36	23	23	25	26	28	18	24	18	20	22	24	25	12	12	5	3	3	3	3
Creative and Performing Arts Activities	8	9	17	22	26	29	31	0	0	0	0	0	0	0	8	9	17	22	26	29	31

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Sports and Recreation Activities	52	64	51	57	59	62	65	32	41	37	44	47	50	53	20	23	13	13	12	12	12
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	210	180	183	188	195	205	215	164	128	113	101	97	99	103	46	51	71	87	98	106	112
Personal and Other Services	179	147	198	228	247	263	277	80	62	67	64	59	57	58	100	85	131	164	188	207	219
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	10,948	9,042	10,320	11,557	12,376	13,168	13,815	6,236	4,876	5,204	5,496	5,727	6,010	6,284	4,711	4,166	5,116	6,061	6,650	7,158	7,531

Table F-2: Employment Projections, South Kempsey/Crescent Head - Kundabung, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	41	33	36	37	37	37	36	17	14	15	0	0	0	0	24	19	21	37	37	37	36
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	62	65	58	63	68	73	77	26	11	0	0	0	0	0	36	54	58	63	68	73	77
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	26	15	29	31	34	37	40	20	13	28	31	34	37	40	6	2	1	0	0	0	0
Wood Product Manufacturing	18	12	18	20	21	24	26	15	9	13	14	14	15	17	3	3	5	6	7	8	9
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	13	7	13	14	15	16	17	9	3	1	0	0	0	0	4	4	11	14	15	16	17

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	7	7	7	7	8	9	9	7	7	7	7	8	9	9	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	7	7	8	9	9	10	11	7	7	8	9	9	10	11	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	26	15	27	30	32	34	36	26	15	27	30	32	34	36	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	14	9	13	14	16	17	19	14	9	13	14	16	17	19	0	0	0	0	0	0	0
Electricity Supply	22	18	0	0	0	0	0	22	18	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	3	3	8	9	10	11	11	3	3	8	9	10	11	11	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	39	32	44	44	45	47	48	35	28	39	40	41	43	44	5	4	4	4	4	4	4
Waste Collection, Treatment and Disposal Services	10	8	18	20	22	23	24	10	8	18	20	22	23	24	0	0	0	0	0	0	0
Building Construction	174	162	60	13	0	0	0	142	133	49	11	0	0	0	32	30	11	2	0	0	0
Heavy and Civil Engineering Construction	89	83	202	279	324	352	371	63	35	27	0	0	0	0	26	48	175	279	324	352	371
Construction Services	181	169	162	172	169	170	176	148	141	140	152	152	154	160	34	27	22	20	17	16	16
Basic Material Wholesaling	48	36	24	17	13	11	11	36	28	19	14	11	9	9	12	8	5	3	2	2	2
Machinery and Equipment Wholesaling	9	7	0	0	0	0	0	9	7	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	32	24	60	74	84	93	97	26	24	60	74	84	93	97	6	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	9	7	8	8	8	8	9	9	7	8	8	8	8	9	0	0	0	0	0	0	0
Other Goods Wholesaling	9	7	6	5	5	4	5	9	7	6	5	5	4	5	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	48	30	44	55	60	64	68	35	22	34	44	49	53	56	13	7	10	11	11	11	12
Fuel Retailing	24	15	17	19	18	19	20	9	5	5	5	5	5	5	15	10	12	13	13	14	14
Food Retailing	24	15	20	24	26	28	29	9	5	8	9	10	11	11	15	9	13	15	16	17	18
Other Store-Based Retailing	29	18	24	28	29	31	32	16	11	15	19	20	22	23	14	8	9	9	9	9	9
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	263	155	206	241	246	256	268	82	8	0	0	0	0	0	181	147	206	241	246	256	268
Food and Beverage Services	240	141	244	321	358	391	413	74	43	72	94	103	112	118	165	98	171	227	255	280	296

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Road Transport	221	207	252	290	320	337	354	141	128	151	170	183	191	200	81	79	101	121	137	146	154
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	4	4	13	19	23	25	27	4	4	13	19	23	25	27	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	61	57	26	12	0	0	0	50	49	23	11	0	0	0	11	8	3	1	0	0	0
Transport Support Services	8	7	2	0	0	0	0	8	7	2	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	4	4	1	0	0	0	0	4	4	1	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	1	1	2	2	2	2	2	1	0	0	0	0	0	0	1	1	2	2	2	2	2
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	9	7	7	7	7	7	8	5	4	4	4	4	4	5	4	3	3	3	3	3	3
Insurance and Superannuation Funds	1	1	3	4	5	5	6	1	0	0	0	0	0	0	0	1	2	4	5	5	6
Auxiliary Finance and Insurance Services	2	2	2	2	2	2	2	2	1	2	2	2	2	2	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	17	13	14	15	15	15	16	10	8	8	9	9	9	9	7	6	6	7	7	7	7
Property Operators and Real Estate Services	10	8	14	19	22	25	26	8	6	10	13	15	17	18	2	2	4	6	7	8	8
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	34	29	33	37	39	41	43	21	16	15	14	12	12	12	13	14	19	23	27	30	32
Computer System Design and Related Services	1	1	3	4	5	5	6	1	0	0	0	0	0	0	1	1	3	4	5	5	6
Administrative Services	5	4	0	0	0	0	0	3	3	0	0	0	0	0	2	2	0	0	0	0	0
Building Cleaning, Pest Control and Other Support Services	32	27	36	39	41	44	46	13	14	21	26	30	33	35	19	14	15	13	11	11	11
Public Administration	15	12	4	0	0	0	0	12	9	3	0	0	0	0	3	2	1	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	54	43	62	74	79	84	88	42	27	31	28	22	20	20	12	15	31	46	56	64	68
Preschool and School Education	666	532	699	808	897	958	1,003	369	289	373	424	465	493	515	298	243	326	385	433	465	488

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Tertiary Education	46	37	0	0	0	0	0	20	12	0	0	0	0	0	26	25	0	0	0	0	0
Adult, Community and Other Education	46	37	61	76	89	98	103	17	19	40	59	78	90	96	29	18	21	17	11	8	7
Hospitals	47	46	48	55	60	65	68	29	33	39	49	57	64	68	18	13	9	6	2	0	0
Medical and Other Health Care Services	4	4	5	5	6	6	7	2	2	1	1	0	0	0	2	3	3	4	5	6	7
Residential Care Services	40	39	32	32	32	33	34	15	14	11	10	10	10	10	24	25	21	21	22	23	24
Social Assistance Services	50	50	50	55	60	64	68	24	25	25	29	31	34	36	26	25	24	27	28	30	32
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	8	9	17	22	26	29	31	0	0	0	0	0	0	0	8	9	17	22	26	29	31
Sports and Recreation Activities	40	49	32	32	33	34	36	20	26	18	20	21	22	23	20	23	13	13	12	12	12
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	124	104	113	119	123	128	134	96	75	75	73	72	72	75	28	29	38	45	51	56	59
Personal and Other Services	113	95	120	135	147	157	166	58	41	41	37	32	30	30	55	54	78	98	115	128	136
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,133	2,531	3,007	3,418	3,686	3,930	4,126	1,853	1,437	1,531	1,605	1,697	1,798	1,885	1,281	1,094	1,475	1,813	1,989	2,132	2,241

Table F-3: Employment Projections, East/West Kempsey, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	32	26	22	20	18	17	16	23	18	16	9	4	2	2	9	8	7	11	14	14	14
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	5	4	10	13	16	17	17	0	0	0	0	0	0	0	5	4	10	13	16	17	17
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	2	2	2	2	2	2	2	0	0	0	0	0	0	0	2	2	2	2	2	2	2

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Exploration and Other Mining Support Services	2	2	2	2	2	2	2	0	0	0	0	0	0	0	2	2	2	2	2	2	2
Food Product Manufacturing	5	5	4	5	5	5	6	2	1	0	0	0	0	0	3	4	4	5	5	5	6
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	3	2	3	3	4	4	4	2	2	3	3	4	4	4	1	0	0	0	0	0	0
Wood Product Manufacturing	32	22	32	36	38	43	47	23	14	18	18	17	18	20	9	8	14	18	21	24	27
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	1	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	1	2	2	2	2
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	3	2	3	3	4	4	4	3	2	3	3	4	4	4	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	6	4	6	6	7	7	8	6	4	6	6	7	7	8	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	15	14	13	15	15	16	17	15	14	13	15	15	16	17	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Services	66	62	64	70	74	79	82	60	62	64	70	74	79	82	6	0	0	0	0	0	0
Basic Material Wholesaling	5	4	3	2	1	1	1	4	3	2	2	1	1	1	1	1	1	0	0	0	0
Machinery and Equipment Wholesaling	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	4	3	7	8	9	10	11	3	3	7	8	9	10	11	1	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Other Goods Wholesaling	1	1	1	1	1	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Motor Vehicle and Motor Vehicle Parts Retailing	10	6	9	11	12	13	14	7	4	7	9	10	11	11	3	1	2	2	2	2	2
Fuel Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Retailing	386	238	334	404	430	459	481	142	89	126	153	164	176	184	244	150	208	251	266	283	296
Other Store-Based Retailing	490	303	404	479	502	531	555	262	175	251	316	346	374	393	229	128	153	162	155	156	162
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	4	2	3	3	3	3	3	2	2	3	3	3	3	3	1	0	0	0	0	0	0
Food and Beverage Services	116	69	105	131	141	152	160	31	15	18	16	13	11	11	85	54	87	115	129	141	148
Road Transport	57	53	57	63	67	71	75	41	30	24	17	11	8	8	16	23	34	46	56	63	67
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	7	7	7	7	7	7	8	6	6	6	6	7	7	7	1	1	1	1	0	0	0
Transport Support Services	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	17	17	16	17	19	20	21	7	2	0	0	0	0	0	10	15	16	17	19	20	21
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	77	59	62	63	64	67	70	45	35	37	38	39	40	43	32	24	25	25	25	26	28
Insurance and Superannuation Funds	12	10	25	33	41	47	51	9	4	4	0	0	0	0	3	5	20	33	41	47	51
Auxiliary Finance and Insurance Services	20	16	16	16	16	17	18	17	13	14	14	15	15	16	3	2	2	2	2	1	1
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	63	48	65	76	84	90	95	48	36	47	54	58	62	65	15	12	18	22	26	28	30
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	180	153	167	180	187	196	206	109	73	58	41	26	19	18	71	80	110	139	161	178	189
Computer System Design and Related Services	11	9	26	37	45	52	55	4	0	0	0	0	0	0	8	9	26	37	45	52	55

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Administrative Services	202	170	192	209	224	237	249	127	98	100	98	96	98	102	75	73	93	111	127	139	148
Building Cleaning, Pest Control and Other Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration	480	383	464	519	552	589	621	389	304	361	397	416	441	463	91	79	103	122	136	148	157
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preschool and School Education	98	78	102	119	133	142	149	70	49	55	54	52	51	53	28	29	48	65	81	91	96
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	4	3	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	1,188	1,179	1,109	1,193	1,260	1,343	1,409	594	442	277	164	67	15	1	594	737	832	1,029	1,193	1,328	1,408
Residential Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Assistance Services	16	16	46	66	82	94	101	0	0	0	0	0	0	0	16	16	46	66	82	94	101
Heritage Activities	20	25	21	23	25	26	28	13	19	18	20	22	24	25	7	5	3	3	3	3	3
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	23	20	20	21	21	22	22	18	13	11	9	8	7	7	5	7	9	12	13	15	15
Personal and Other Services	7	6	9	12	13	15	16	0	0	0	0	0	0	0	7	6	9	12	13	15	16
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,676	3,024	3,436	3,872	4,130	4,406	4,632	2,088	1,535	1,551	1,548	1,493	1,509	1,565	1,588	1,489	1,885	2,324	2,637	2,898	3,066

Table F-4: Employment Projections, Aldavilla - Euroka - Yarravel, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	30	24	26	27	27	27	26	15	12	13	8	3	1	1	15	12	13	19	24	26	26
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	6	6	6	6	6	7	7	0	0	0	0	0	0	0	6	6	6	6	6	7	7
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	10	7	10	10	11	12	14	10	7	10	10	11	12	14	0	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment Manufacturing	9	6	9	8	9	10	11	9	6	9	8	9	10	11	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	9	8	5	3	2	1	1	0	0	0	0	0	0	0	9	8	5	3	2	1	1
Heavy and Civil Engineering Construction	9	8	25	32	41	47	51	9	8	25	32	41	47	51	0	0	0	0	0	0	0
Construction Services	66	61	50	44	44	44	46	47	30	14	4	0	0	0	19	31	36	40	44	44	46

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Basic Material Wholesaling	5	4	0	0	0	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	8	6	11	11	12	13	14	8	6	11	11	12	13	14	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Retailing	4	3	5	6	7	7	8	0	0	0	0	0	0	0	4	3	5	6	7	7	8
Other Store-Based Retailing	7	4	4	4	5	5	5	3	2	1	1	1	1	1	4	3	3	3	4	4	4
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food and Beverage Services	6	4	6	6	7	8	8	0	0	0	0	0	0	0	6	4	6	6	7	8	8
Road Transport	23	21	23	22	25	26	28	11	8	5	2	0	0	0	11	14	18	20	24	26	28
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	10	9	10	10	11	12	13	6	7	10	10	11	12	13	4	1	0	0	0	0	0
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Cleaning, Pest Control and Other Support Services	6	5	6	6	6	7	7	3	3	4	4	5	6	6	3	2	2	1	1	1	1
Public Administration	31	25	34	37	42	46	49	18	15	20	22	25	27	30	13	10	14	15	17	18	20
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	256	204	243	244	268	286	305	230	193	241	244	268	286	305	26	11	2	0	0	0	0
Preschool and School Education	39	31	13	1	0	0	0	15	8	2	0	0	0	0	24	23	11	1	0	0	0
Tertiary Education	10	8	30	41	49	53	56	4	5	20	30	37	40	43	6	3	10	12	12	12	13
Adult, Community and Other Education	3	2	9	12	15	16	17	0	0	0	0	0	0	0	3	2	9	12	15	16	17
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	10	10	15	17	19	21	23	0	0	0	0	0	0	0	10	10	15	17	19	21	23
Residential Care Services	44	44	53	56	61	65	69	11	5	0	0	0	0	0	33	39	53	56	61	65	69
Social Assistance Services	23	23	5	0	0	0	0	10	10	2	0	0	0	0	13	13	3	0	0	0	0
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	12	10	11	11	12	13	14	12	10	11	11	12	13	14	0	0	0	0	0	0	0
Personal and Other Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	635	534	611	615	680	725	772	426	337	400	398	438	469	502	210	197	211	218	243	256	270

Table F-5: Employment Projections, Rural West - Bellbrook, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	128	104	113	116	117	117	114	88	71	78	77	75	74	72	40	33	36	39	42	43	42
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Services	14	13	14	14	15	16	17	10	12	14	14	15	16	17	4	2	0	0	0	0	0
Basic Material Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Store-Based Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	7	4	19	22	24	26	28	7	4	19	22	24	26	28	0	0	0	0	0	0	0
Food and Beverage Services	14	8	0	0	0	0	0	0	0	0	0	0	0	0	14	8	0	0	0	0	0
Road Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	19	16	19	20	22	24	26	0	0	0	0	0	0	0	19	16	19	20	22	24	26
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Cleaning, Pest Control and Other Support Services	7	6	6	7	7	8	8	0	0	0	0	0	0	0	7	6	6	7	7	8	8
Public Administration	12	10	0	0	0	0	0	12	10	0	0	0	0	0	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	6	5	17	18	20	21	23	6	5	17	18	20	21	23	0	0	0	0	0	0	0
Preschool and School Education	18	14	18	19	22	24	25	10	8	10	11	12	13	14	7	6	8	8	10	10	11
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Assistance Services	7	7	6	7	7	8	8	0	0	0	0	0	0	0	7	7	6	7	7	8	8
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
Personal and Other Services	4	0	4	4	5	5	5	0	0	0	0	0	0	0	4	0	4	4	5	5	5
Private Households Employing Staff and Undifferentiated Goods	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
and Service-Producing Activities of Households for Own Use																					
Total	236	190	217	227	239	248	255	133	109	137	142	147	151	154	103	80	80	85	92	97	100

Table F-6: Employment Projections, Smithtown and District, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	70	56	61	63	63	63	62	54	43	48	52	56	57	56	16	13	14	11	8	6	6
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	210	218	195	214	228	246	261	183	179	151	155	157	165	174	26	38	45	59	71	81	87
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	7	4	7	7	8	9	10	3	2	2	1	0	0	0	3	3	5	6	8	9	10
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	28	26	39	49	57	62	66	28	26	39	49	57	62	66	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Services	54	50	40	37	35	34	35	28	20	11	6	3	2	1	26	30	29	31	32	33	34
Basic Material Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Retailing	7	5	5	5	5	5	5	0	0	0	0	0	0	0	7	5	5	5	5	5	5
Food Retailing	11	7	0	0	0	0	0	6	3	0	0	0	0	0	6	4	0	0	0	0	0
Other Store-Based Retailing	26	16	33	40	43	46	48	15	12	28	40	43	46	48	11	5	5	1	0	0	0
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	14	8	30	47	58	67	71	7	0	0	0	0	0	0	7	8	30	47	58	67	71
Food and Beverage Services	50	29	27	24	18	16	15	20	15	17	17	15	13	13	30	15	11	7	4	3	3
Road Transport	15	14	7	4	1	0	0	10	8	4	2	1	0	0	6	6	3	2	1	0	0
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	7	6	15	20	24	27	28	0	0	0	0	0	0	0	7	6	15	20	24	27	28

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	16	14	17	19	20	21	23	9	10	14	18	20	21	23	7	4	2	0	0	0	0
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Services	12	10	22	29	31	33	35	5	0	0	0	0	0	0	7	10	22	29	31	33	35
Building Cleaning, Pest Control and Other Support Services	17	14	5	0	0	0	0	0	0	0	0	0	0	0	17	14	5	0	0	0	0
Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preschool and School Education	42	34	42	49	55	59	62	21	15	16	17	17	17	17	21	19	26	33	38	42	44
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	7	7	0	0	0	0	0	0	0	0	0	0	0	0	7	7	0	0	0	0	0
Residential Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Assistance Services	27	27	33	36	38	41	43	19	23	33	36	38	41	43	9	4	0	0	0	0	0
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal and Other Services	5	4	5	6	6	6	7	0	0	0	0	0	0	0	5	4	5	6	6	6	7
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	626	558	583	650	692	735	771	408	357	363	394	406	424	441	218	201	221	256	285	311	329

Table F-7: Employment Projections, South West Rocks - Jerseyville, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	8	6	7	7	6	6	6	3	3	3	6	6	6	6	4	4	4	1	0	0	0
Aquaculture	4	4	11	15	18	19	19	4	4	11	15	18	19	19	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	17	14	8	5	3	2	1	0	14	8	5	3	2	1	17	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploration and Other Mining Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Product Manufacturing	21	21	19	21	22	24	26	5	0	0	0	0	0	0	15	21	19	21	22	24	26
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	4	2	4	5	5	5	6	0	0	0	0	0	0	0	4	2	4	5	5	5	6
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	9	6	9	9	10	11	12	9	6	9	9	10	11	12	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	4	4	4	4	4	5	5	0	0	0	0	0	0	0	4	4	4	4	4	5	5
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	45	41	63	78	91	100	106	33	35	59	78	91	100	106	12	7	4	0	0	0	0
Heavy and Civil Engineering Construction	17	16	49	70	87	99	105	17	16	49	70	87	99	105	0	0	0	0	0	0	0
Construction Services	113	105	55	35	16	6	4	65	64	35	23	11	4	2	48	41	20	12	5	2	1
Basic Material Wholesaling	4	3	4	4	4	5	5	4	3	4	4	4	5	5	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	10	6	10	13	14	16	16	10	6	10	13	14	16	16	0	0	0	0	0	0	0
Fuel Retailing	6	3	2	0	0	0	0	6	3	2	0	0	0	0	0	0	0	0	0	0	0
Food Retailing	113	70	111	141	155	167	176	39	26	46	63	73	80	85	74	43	65	78	82	87	91
Other Store-Based Retailing	107	66	76	83	82	83	86	51	39	54	68	73	77	81	56	27	22	16	9	6	5
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	66	39	48	54	53	54	56	30	24	36	48	52	54	56	35	15	12	6	1	0	0
Food and Beverage Services	164	97	158	203	223	242	255	70	52	102	152	184	209	223	95	45	56	51	39	33	33

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Road Transport	19	17	18	19	19	20	21	14	16	18	19	19	20	21	4	2	0	0	0	0	0
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	4	4	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0
Transport Support Services	4	4	9	11	12	13	14	0	0	0	0	0	0	0	4	4	9	11	12	13	14
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	15	12	14	16	17	18	19	15	12	14	16	17	18	19	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	43	33	44	52	57	62	65	31	29	44	52	57	62	65	12	4	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	49	42	50	55	60	64	67	24	26	37	47	56	63	67	25	16	13	8	4	1	0
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Services	17	14	12	12	11	11	12	4	0	0	0	0	0	0	13	14	12	12	11	11	12
Building Cleaning, Pest Control and Other Support Services	40	34	42	47	52	56	59	11	7	5	2	0	0	0	29	28	37	46	52	56	59
Public Administration	6	5	3	2	2	2	2	6	5	3	2	2	2	2	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	4	3	7	8	10	11	12	0	0	0	0	0	0	0	4	3	7	8	10	11	12
Preschool and School Education	69	55	49	46	43	41	42	39	34	32	33	32	31	32	30	21	17	14	11	10	10
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Adult, Community and Other Education	10	8	30	46	60	69	73	4	5	21	34	46	54	58	6	3	9	12	13	15	15
Hospitals	7	7	18	24	28	32	34	7	7	18	24	28	32	34	0	0	0	0	0	0	0
Medical and Other Health Care Services	74	73	60	58	57	58	61	36	44	43	49	52	56	59	38	29	16	10	5	2	2
Residential Care Services	74	73	85	95	103	112	118	28	12	0	0	0	0	0	46	61	85	95	103	112	118
Social Assistance Services	15	14	0	0	0	0	0	5	3	0	0	0	0	0	9	11	0	0	0	0	0
Heritage Activities	9	11	3	0	0	0	0	5	5	1	0	0	0	0	5	7	2	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	8	9	15	19	21	22	24	8	9	15	19	21	22	24	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	23	20	8	2	0	0	0	18	19	8	2	0	0	0	5	0	0	0	0	0	0
Personal and Other Services	40	34	54	66	72	77	80	17	13	19	22	23	24	25	23	21	34	44	49	53	56
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,242	977	1,158	1,327	1,419	1,511	1,586	618	539	706	874	980	1,065	1,123	625	438	451	453	439	446	463

Table F-8: Employment Projections, Stuarts Point and District, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	198	160	157	149	132	117	108	98	79	77	60	44	35	32	100	81	79	89	88	82	76
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	12	10	20	28	37	43	45	8	10	20	28	37	43	45	4	0	0	0	0	0	0
Agriculture, Forestry and Fishing Support Services	15	12	24	34	45	52	55	11	12	24	34	45	52	55	4	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	3	3	3	3	3	3	3	0	0	0	0	0	0	0	3	3	3	3	3	3	3
Exploration and Other Mining Support Services	3	3	3	3	3	3	3	0	0	0	0	0	0	0	3	3	3	3	3	3	3

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Food Product Manufacturing	4	4	4	4	4	5	5	0	0	0	0	0	0	0	4	4	4	4	4	5	5
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	17	16	13	10	8	8	7	17	16	13	10	8	8	7	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	40	37	60	73	79	85	90	33	34	56	69	76	82	86	7	4	4	4	3	4	4
Construction Services	19	18	0	0	0	0	0	12	15	0	0	0	0	0	7	2	0	0	0	0	0
Basic Material Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Fuel Retailing	11	7	11	15	18	20	22	0	0	0	0	0	0	0	11	7	11	15	18	20	22
Food Retailing	11	7	9	10	10	11	11	5	3	3	3	3	3	3	6	4	6	7	7	8	8
Other Store-Based Retailing	15	9	12	13	13	13	13	8	3	2	0	0	0	0	7	6	10	13	13	13	13
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	23	13	28	46	59	71	79	15	4	0	0	0	0	0	8	9	28	46	59	71	79
Food and Beverage Services	34	20	23	20	12	5	1	11	6	6	4	2	1	0	23	14	17	16	10	4	1
Road Transport	7	7	2	0	0	0	0	4	3	1	0	0	0	0	4	3	1	0	0	0	0
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	5	5	10	13	14	15	16	0	0	0	0	0	0	0	5	5	10	13	14	15	16
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	5	4	5	6	7	7	7	0	0	0	0	0	0	0	5	4	5	6	7	7	7
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0
Computer System Design and Related Services	1	1	3	4	4	4	5	1	1	3	4	4	4	5	0	0	0	0	0	0	0
Administrative Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Building Cleaning, Pest Control and Other Support Services	18	15	17	19	21	22	23	8	14	17	19	21	22	23	10	1	0	0	0	0	0
Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preschool and School Education	22	18	23	27	30	32	34	9	10	15	22	27	30	32	13	8	7	6	3	2	2
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Care Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Assistance Services	6	6	6	7	7	8	8	6	6	6	7	7	8	8	0	0	0	0	0	0	0
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	5	4	5	6	6	6	7	5	4	5	6	6	6	7	0	0	0	0	0	0	0
Personal and Other Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	477	383	437	491	513	532	542	253	221	249	266	280	295	303	225	162	188	225	233	237	239

Table F-9: Employment Projections, Frederickton and District, 2016 to 2041

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture	84	68	74	76	77	77	75	67	54	59	69	75	77	75	17	14	15	7	1	0	0
Aquaculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forestry and Logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting and Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Agriculture, Forestry and Fishing Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metal Ore Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Mineral Mining and Quarrying	4	4	4	4	4	4	4	0	0	0	0	0	0	0	4	4	4	4	4	4	4
Exploration and Other Mining Support Services	4	4	4	4	4	4	4	0	0	0	0	0	0	0	4	4	4	4	4	4	4
Food Product Manufacturing	162	168	151	165	176	190	201	99	102	91	99	105	113	120	63	66	60	66	71	77	82
Beverage and Tobacco Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile, Leather, Clothing and Footwear Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Product Manufacturing	5	3	5	6	6	7	7	0	0	0	0	0	0	0	5	3	5	6	6	7	7
Pulp, Paper and Converted Paper Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing (including the Reproduction of Recorded Media)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and Coal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Chemical and Chemical Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymer Product and Rubber Product Manufacturing	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Non-Metallic Mineral Product Manufacturing	6	6	5	6	6	7	8	0	0	0	0	0	0	0	6	6	5	6	6	7	8
Primary Metal and Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated Metal Product Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery and Equipment Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and Other Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Supply, Sewerage and Drainage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Collection, Treatment and Disposal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heavy and Civil Engineering Construction	56	52	17	7	0	0	0	0	0	0	0	0	0	0	56	52	17	7	0	0	0
Construction Services	169	157	199	229	250	265	278	119	64	22	0	0	0	0	50	93	177	229	250	265	278
Basic Material Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Machinery and Equipment Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery, Liquor and Tobacco Product Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Goods Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commission-Based Wholesaling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle and Motor Vehicle Parts Retailing	5	3	11	14	15	16	17	5	3	11	14	15	16	17	0	0	0	0	0	0	0
Fuel Retailing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Retailing	12	7	0	0	0	0	0	12	7	0	0	0	0	0	0	0	0	0	0	0	0
Other Store-Based Retailing	17	10	18	20	21	22	23	0	0	0	0	0	0	0	17	10	18	20	21	22	23
Non-Store Retailing and Retail Commission-Based Buying and/or Selling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	10	6	12	17	20	22	24	5	5	12	17	20	22	24	4	1	0	0	0	0	0
Food and Beverage Services	27	16	21	24	24	25	26	15	12	20	24	24	25	26	12	4	1	0	0	0	0
Road Transport	43	40	25	19	14	11	11	23	20	12	9	6	5	5	20	20	13	11	8	7	6
Rail Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and Space Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postal and Courier Pick-up and Delivery Services	9	8	25	36	45	51	55	0	0	0	0	0	0	0	9	8	25	36	45	51	55
Transport Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warehousing and Storage Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing (except Internet and Music Publishing)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motion Picture and Sound Recording Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broadcasting (except Internet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Publishing and Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Internet Service Providers, Web Search Portals and Data Processing Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library and Other Information Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance and Superannuation Funds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Total							Full-time							Part-time						
	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041	2016	2020	2021	2026	2031	2036	2041
Auxiliary Finance and Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental and Hiring Services (except Real Estate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property Operators and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services (except Computer System Design and Related Services)	28	24	28	31	34	36	38	0	0	0	0	0	0	0	28	24	28	31	34	36	38
Computer System Design and Related Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Services	7	6	19	26	27	29	31	0	0	0	0	0	0	0	7	6	19	26	27	29	31
Building Cleaning, Pest Control and Other Support Services	18	15	4	0	0	0	0	0	0	0	0	0	0	0	18	15	4	0	0	0	0
Public Administration	6	5	6	6	7	7	8	6	5	6	6	7	7	8	0	0	0	0	0	0	0
Defence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Order, Safety and Regulatory Services	3	2	3	3	3	4	4	3	2	3	3	3	4	4	0	0	0	0	0	0	0
Preschool and School Education	28	22	28	32	36	38	40	18	14	17	20	21	22	23	9	8	10	13	15	16	17
Tertiary Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult, Community and Other Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical and Other Health Care Services	4	4	9	12	14	15	16	0	0	0	0	0	0	0	4	4	9	12	14	15	16
Residential Care Services	170	169	167	181	191	204	214	62	31	1	0	0	0	0	108	137	166	181	191	204	214
Social Assistance Services	10	10	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0
Heritage Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creative and Performing Arts Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports and Recreation Activities	4	5	4	5	5	5	6	4	5	4	5	5	5	6	0	0	0	0	0	0	0
Gambling Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and Maintenance	22	19	26	30	33	36	38	15	7	2	0	0	0	0	7	12	24	30	33	36	38
Personal and Other Services	10	9	6	5	4	3	3	5	9	6	5	4	3	3	5	0	0	0	0	0	0
Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	922	845	872	958	1,017	1,080	1,131	459	341	267	270	286	300	310	463	504	605	688	731	781	821

APPENDIX G: INDUSTRIAL EMPLOYMENT AND LAND DEMAND PROJECTIONS – CATCHMENT AREAS

AP0G

Table G-1: Industrial projections, South Kempsey/Crescent Head – Kundabung, 2016 to 2041

	2016	2020	2021	2026	2031	2036	2041
Scenario One							
Employment Projections							
Large Footprint and General Industry	134	119	131	148	159	173	185
Service Industry	346	296	330	361	373	377	385
Warehousing and Storage	110	84	100	109	114	121	126
Transport Uses	338	301	328	371	395	417	438
Non-Industrial Land Uses (5%)	46	40	44	49	52	54	57
Total	975	839	934	1,039	1,092	1,142	1,191
Industrial Land Demand							
Large Footprint and General Industry	3.8	3.4	3.8	4.3	4.6	5.0	5.3
Service Industry	10.5	9.1	10.0	10.9	11.3	11.3	11.5
Warehousing and Storage	5.5	4.2	5.0	5.5	5.7	6.0	6.3
Transport Uses	12.5	11.1	12.3	14.1	15.3	16.2	17.0
Non-Industrial Land Uses (5%)	1.6	1.4	1.6	1.7	1.8	1.9	2.0
Total	34.0	29.3	32.6	36.5	38.6	40.5	42.2
Incremental							
Large Footprint and General Industry	-	-	0.4	0.8	1.2	1.6	1.9
Service Industry	-	-	0.8	1.8	2.1	2.2	2.4
Warehousing and Storage	-	-	0.8	1.3	1.5	1.9	2.1
Transport Uses	-	-	1.2	3.0	4.1	5.1	5.9
Non-Industrial Land Uses (5%)	-	-	0.2	0.3	0.4	0.5	0.6
Total	-	-	3.4	7.2	9.4	11.3	13.0
Scenario Two							
Employment Projections							
Large Footprint and General Industry	134	119	131	143	153	167	179
Service Industry	346	296	318	338	342	353	369
Warehousing and Storage	110	84	98	104	109	116	122
Transport Uses	338	301	325	357	380	402	422
Non-Industrial Land Uses (5%)	46	40	44	47	49	52	55
Total	975	839	916	989	1,034	1,089	1,145
Industrial Land Demand							
Large Footprint and General Industry	3.8	3.4	3.8	4.1	4.4	4.8	5.2
Service Industry	10.5	9.1	9.6	10.2	10.3	10.6	11.0
Warehousing and Storage	5.5	4.2	4.9	5.2	5.5	5.8	6.1
Transport Uses	12.5	11.1	12.4	13.8	14.8	15.6	16.4
Non-Industrial Land Uses (5%)	1.6	1.4	1.5	1.7	1.7	1.8	1.9
Total	34.0	29.3	32.2	35.0	36.7	38.7	40.6
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	0.3	0.7	1.0	1.4	1.7
Service Industry	-	-	0.5	1.1	1.2	1.5	1.9
Warehousing and Storage	-	-	0.7	1.0	1.3	1.6	1.9
Transport Uses	-	-	1.3	2.7	3.6	4.5	5.3
Non-Industrial Land Uses (5%)	-	-	0.1	0.3	0.4	0.4	0.5
Total	-	-	3.0	5.7	7.5	9.4	11.4

Table G-2: Industrial projections, East Kempsey/ West Kempsey - Greenhill, 2016 to 2041

	2016	2020	2021	2026	2031	2036	2041
Scenario One							
Employment Projections							
Large Footprint and General Industry	47	34	47	53	58	63	69
Service Industry	111	100	106	119	125	131	137
Warehousing and Storage	12	9	11	12	13	14	14
Transport Uses	75	67	74	84	90	96	101
Non-Industrial Land Uses (5%)	12	11	12	13	14	15	16
Total	257	221	250	281	300	320	338
Industrial Land Demand							
Large Footprint and General Industry	1.4	1.0	1.3	1.5	1.7	1.8	2.0
Service Industry	3.4	3.1	3.3	3.6	3.8	4.0	4.2
Warehousing and Storage	0.6	0.5	0.6	0.6	0.7	0.7	0.7
Transport Uses	2.8	2.6	2.8	3.2	3.4	3.7	3.8
Non-Industrial Land Uses (5%)	0.4	0.4	0.4	0.4	0.5	0.5	0.5
Total	8.6	7.4	8.4	9.4	10.0	10.7	11.3
Incremental							
Large Footprint and General Industry	-	-	0.4	0.6	0.7	0.9	1.0
Service Industry	-	-	0.2	0.5	0.7	0.9	1.1
Warehousing and Storage	-	-	0.1	0.2	0.2	0.2	0.3
Transport Uses	-	-	0.2	0.6	0.9	1.1	1.3
Non-Industrial Land Uses (5%)	-	-	0.0	0.1	0.1	0.2	0.2
Total	-	-	0.9	2.0	2.6	3.3	3.9
Scenario Two							
Employment Projections							
Large Footprint and General Industry	47	34	47	51	55	61	67
Service Industry	111	100	104	113	119	126	132
Warehousing and Storage	12	9	11	12	13	13	14
Transport Uses	75	62	74	81	87	93	97
Non-Industrial Land Uses (5%)	12	10	12	13	14	15	16
Total	257	216	247	271	288	308	326
Industrial Land Demand							
Large Footprint and General Industry	1.4	1.0	1.3	1.5	1.6	1.8	1.9
Service Industry	3.4	3.1	3.2	3.5	3.7	3.9	4.1
Warehousing and Storage	0.6	0.4	0.6	0.6	0.6	0.7	0.7
Transport Uses	2.8	2.3	2.8	3.1	3.3	3.5	3.7
Non-Industrial Land Uses (5%)	0.4	0.3	0.4	0.4	0.5	0.5	0.5
Total	8.6	7.2	8.3	9.1	9.7	10.3	10.9
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	0.4	0.5	0.6	0.8	0.9
Service Industry	-	-	0.1	0.4	0.6	0.8	1.0
Warehousing and Storage	-	-	0.1	0.1	0.2	0.2	0.2
Transport Uses	-	-	0.5	0.8	1.0	1.2	1.4
Non-Industrial Land Uses (5%)	-	-	0.1	0.1	0.1	0.1	0.2
Total	-	-	1.1	1.9	2.5	3.1	3.7

Table G-3: Industrial projections, Aldavilla - Euroka - Yarravel, 2016 to 2041

	2016	2020	2021	2026	2031	2036	2041
Scenario One							
Employment Projections							
Large Footprint and General Industry	25	20	24	28	30	32	35
Service Industry	77	71	68	70	67	66	66
Warehousing and Storage	12	9	12	13	13	14	15
Transport Uses	23	21	23	26	27	29	30
Non-Industrial Land Uses (5%)	7	6	6	7	7	7	7
Total	144	128	133	142	144	148	153
Industrial Land Demand							
Large Footprint and General Industry	0.6	0.5	0.6	0.7	0.8	0.8	0.9
Service Industry	2.5	2.3	2.2	2.3	2.2	2.1	2.1
Warehousing and Storage	0.6	0.5	0.6	0.6	0.7	0.7	0.7
Transport Uses	0.9	0.9	0.9	1.0	1.1	1.2	1.2
Non-Industrial Land Uses (5%)	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total	4.9	4.4	4.5	4.9	4.9	5.1	5.2
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	0.1	0.2	0.2	0.3	0.4
Service Industry	-	-	-0.1	-0.1	-0.1	-0.2	-0.2
Warehousing and Storage	-	-	0.1	0.2	0.2	0.2	0.3
Transport Uses	-	-	0.1	0.2	0.2	0.3	0.4
Non-Industrial Land Uses (5%)	-	-	0.0	0.0	0.0	0.0	0.0
Total	-	-	0.2	0.5	0.6	0.7	0.9
Scenario Two							
Employment Projections							
Large Footprint and General Industry	25	20	24	24	27	29	32
Service Industry	77	71	62	55	56	57	60
Warehousing and Storage	12	9	11	11	12	13	14
Transport Uses	23	21	23	22	25	26	28
Non-Industrial Land Uses (5%)	7	6	6	6	6	6	7
Total	144	128	126	118	125	132	140
Industrial Land Demand							
Large Footprint and General Industry	0.6	0.5	0.6	0.6	0.7	0.7	0.8
Service Industry	2.5	2.3	2.0	1.8	1.8	1.8	1.9
Warehousing and Storage	0.6	0.5	0.6	0.6	0.6	0.6	0.7
Transport Uses	0.9	0.9	0.9	0.9	1.0	1.0	1.1
Non-Industrial Land Uses (5%)	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total	4.9	4.4	4.3	4.0	4.3	4.5	4.8
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	0.1	0.1	0.2	0.2	0.3
Service Industry	-	-	-0.3	-0.5	-0.5	-0.5	-0.4
Warehousing and Storage	-	-	0.1	0.1	0.1	0.2	0.2
Transport Uses	-	-	0.1	0.0	0.1	0.2	0.3
Non-Industrial Land Uses (5%)	-	-	0.0	0.0	0.0	0.0	0.0
Total	-	-	-0.1	-0.3	-0.1	0.1	0.4

Table G-4: Industrial projections, Frederickton and District, 2016 to 2041

	2016	2020	2021	2026	2031	2036	2041
Scenario One							
Employment Projections							
Large Footprint and General Industry	172	180	162	183	196	211	225
Service Industry	192	176	208	255	285	312	327
Warehousing and Storage	0	0	0	0	0	0	0
Transport Uses	57	51	60	71	76	81	86
Non-Industrial Land Uses (5%)	21	20	22	25	28	30	32
Total	442	427	452	534	585	634	670
Industrial Land Demand							
Large Footprint and General Industry	4.5	4.7	4.2	4.8	5.1	5.5	5.8
Service Industry	6.3	5.8	6.8	8.4	9.3	10.2	10.7
Warehousing and Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport Uses	2.1	1.9	2.1	2.4	2.5	2.6	2.7
Non-Industrial Land Uses (5%)	0.6	0.6	0.7	0.8	0.8	0.9	1.0
Total	13.5	13.0	13.8	16.3	17.8	19.2	20.2
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	-0.5	0.1	0.4	0.8	1.2
Service Industry	-	-	1.0	2.6	3.6	4.4	4.9
Warehousing and Storage	-	-	0.0	0.0	0.0	0.0	0.0
Transport Uses	-	-	0.2	0.5	0.6	0.6	0.7
Non-Industrial Land Uses (5%)	-	-	0.0	0.2	0.2	0.3	0.3
Total	-	-	0.8	3.3	4.8	6.2	7.2
Scenario Two							
Employment Projections							
Large Footprint and General Industry	172	180	161	177	189	204	217
Service Industry	192	176	224	259	284	301	316
Warehousing and Storage	0	0	0	0	0	0	0
Transport Uses	57	51	62	69	74	79	83
Non-Industrial Land Uses (5%)	21	20	22	25	27	29	31
Total	442	427	470	530	574	613	646
Industrial Land Demand							
Large Footprint and General Industry	4.5	4.7	4.2	4.6	4.9	5.3	5.6
Service Industry	6.3	5.8	7.4	8.5	9.3	9.9	10.3
Warehousing and Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport Uses	2.1	1.9	2.1	2.3	2.4	2.5	2.6
Non-Industrial Land Uses (5%)	0.6	0.6	0.7	0.8	0.8	0.9	0.9
Total	13.5	13.0	14.3	16.1	17.4	18.5	19.5
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	-0.5	-0.1	0.2	0.6	1.0
Service Industry	-	-	1.6	2.7	3.5	4.1	4.6
Warehousing and Storage	-	-	0.0	0.0	0.0	0.0	0.0
Transport Uses	-	-	0.2	0.3	0.4	0.5	0.6
Non-Industrial Land Uses (5%)	-	-	0.1	0.1	0.2	0.3	0.3
Total	-	-	1.3	3.1	4.4	5.5	6.5

Table G-5: Industrial projections, Rural West - Bellbrook, 2016 to 2041

	2016	2020	2021	2026	2031	2036	2041
Scenario One							
Employment Projections							
Large Footprint and General Industry	0	0	0	0	0	0	0
Service Industry	14	17	14	14	16	17	18
Warehousing and Storage	0	0	0	0	0	0	0
Transport Uses	0	0	0	0	0	0	0
Non-Industrial Land Uses (5%)	1	1	1	1	1	1	1
Total	15	18	14	15	17	18	19
Industrial Land Demand							
Large Footprint and General Industry	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Service Industry	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Warehousing and Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport Uses	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Industrial Land Uses (5%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.5	0.6	0.5	0.5	0.5	0.6	0.6
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	0.0	0.0	0.0	0.0	0.0
Service Industry	-	-	-0.1	-0.1	0.0	0.0	0.0
Warehousing and Storage	-	-	0.0	0.0	0.0	0.0	0.0
Transport Uses	-	-	0.0	0.0	0.0	0.0	0.0
Non-Industrial Land Uses (5%)	-	-	0.0	0.0	0.0	0.0	0.0
Total	-	-	-0.1	-0.1	0.0	0.0	0.0
Scenario Two							
Employment Projections							
Large Footprint and General Industry	0	0	0	0	0	0	0
Service Industry	14	17	14	14	15	16	17
Warehousing and Storage	0	0	0	0	0	0	0
Transport Uses	0	0	0	0	0	0	0
Non-Industrial Land Uses (5%)	1	1	1	1	1	1	1
Total	15	18	14	15	16	17	18
Industrial Land Demand							
Large Footprint and General Industry	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Service Industry	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Warehousing and Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport Uses	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Industrial Land Uses (5%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.5	0.6	0.5	0.5	0.5	0.6	0.6
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	0.0	0.0	0.0	0.0	0.0
Service Industry	-	-	-0.1	-0.1	0.0	0.0	0.0
Warehousing and Storage	-	-	0.0	0.0	0.0	0.0	0.0
Transport Uses	-	-	0.0	0.0	0.0	0.0	0.0
Non-Industrial Land Uses (5%)	-	-	0.0	0.0	0.0	0.0	0.0
Total	-	-	-0.1	-0.1	0.0	0.0	0.0

Table G-6: Industrial projections, Smithtown - Gladstone and District, 2016 to 2041

	2016	2020	2021	2026	2031	2036	2041
Scenario One							
Employment Projections							
Large Footprint and General Industry	216	229	203	229	245	264	281
Service Industry	54	50	46	45	41	38	37
Warehousing and Storage	0	0	0	0	0	0	0
Transport Uses	22	21	22	25	26	28	29
Non-Industrial Land Uses (5%)	15	15	14	15	16	17	17
Total	307	315	285	314	328	347	365
Industrial Land Demand							
Large Footprint and General Industry	5.4	5.7	5.1	5.8	6.2	6.6	7.1
Service Industry	1.8	1.7	1.5	1.5	1.4	1.3	1.2
Warehousing and Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport Uses	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Non-Industrial Land Uses (5%)	0.4	0.4	0.4	0.4	0.4	0.4	0.5
Total	8.4	8.6	7.8	8.5	8.7	9.2	9.6
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	-0.6	0.0	0.4	0.9	1.3
Service Industry	-	-	-0.1	-0.2	-0.3	-0.4	-0.4
Warehousing and Storage	-	-	0.0	0.0	0.0	0.0	0.0
Transport Uses	-	-	0.0	0.0	0.1	0.1	0.1
Non-Industrial Land Uses (5%)	-	-	0.0	0.0	0.0	0.0	0.0
Total	-	-	-0.8	-0.1	0.2	0.6	1.0
Scenario Two							
Employment Projections							
Large Footprint and General Industry	216	229	202	221	236	255	271
Service Industry	54	50	40	37	35	34	35
Warehousing and Storage	0	0	0	0	0	0	0
Transport Uses	22	21	22	24	25	27	28
Non-Industrial Land Uses (5%)	15	15	13	14	15	16	17
Total	307	315	277	296	311	332	351
Industrial Land Demand							
Large Footprint and General Industry	5.4	5.7	5.1	5.6	5.9	6.4	6.8
Service Industry	1.8	1.7	1.3	1.2	1.2	1.1	1.2
Warehousing and Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport Uses	0.8	0.8	0.7	0.7	0.7	0.8	0.8
Non-Industrial Land Uses (5%)	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total	8.4	8.6	7.5	7.9	8.2	8.7	9.2
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	-0.7	-0.2	0.2	0.7	1.1
Service Industry	-	-	-0.4	-0.4	-0.5	-0.5	-0.5
Warehousing and Storage	-	-	0.0	0.0	0.0	0.0	0.0
Transport Uses	-	-	0.0	0.0	0.0	0.0	0.1
Non-Industrial Land Uses (5%)	-	-	-0.1	0.0	0.0	0.0	0.0
Total	-	-	-1.1	-0.7	-0.4	0.1	0.6

Table G-7: Industrial projections, South West Rocks – Jerseyville, 2016 to 2041

	2016	2020	2021	2026	2031	2036	2041
Scenario One							
Employment Projections							
Large Footprint and General Industry	34	31	32	36	39	42	45
Service Industry	137	125	98	72	40	18	7
Warehousing and Storage	4	3	4	4	4	5	5
Transport Uses	37	32	36	43	47	51	53
Non-Industrial Land Uses (5%)	11	10	9	8	7	6	6
Total	222	200	179	164	137	121	116
Industrial Land Demand							
Large Footprint and General Industry	0.9	0.8	0.8	1.0	1.0	1.1	1.2
Service Industry	4.4	4.1	3.2	2.4	1.3	0.6	0.2
Warehousing and Storage	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Transport Uses	1.3	1.2	1.3	1.6	1.7	1.8	1.9
Non-Industrial Land Uses (5%)	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Total	7.2	6.5	5.9	5.4	4.5	4.0	3.8
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	0.1	0.2	0.2	0.3	0.4
Service Industry	-	-	-0.9	-1.7	-2.7	-3.5	-3.8
Warehousing and Storage	-	-	0.0	0.1	0.1	0.1	0.1
Transport Uses	-	-	0.2	0.4	0.5	0.7	0.8
Non-Industrial Land Uses (5%)	-	-	0.0	-0.1	-0.1	-0.1	-0.1
Total	-	-	-0.6	-1.1	-2.0	-2.5	-2.7
Scenario Two							
Employment Projections							
Large Footprint and General Industry	34	31	32	35	38	41	44
Service Industry	137	125	64	37	16	6	4
Warehousing and Storage	4	3	4	4	4	5	5
Transport Uses	37	32	37	42	46	49	52
Non-Industrial Land Uses (5%)	11	10	7	6	5	5	5
Total	222	200	143	124	109	105	109
Industrial Land Demand							
Large Footprint and General Industry	0.9	0.8	0.8	0.9	1.0	1.1	1.2
Service Industry	4.4	4.1	2.1	1.2	0.5	0.2	0.1
Warehousing and Storage	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Transport Uses	1.3	1.2	1.4	1.5	1.7	1.8	1.9
Non-Industrial Land Uses (5%)	0.3	0.3	0.2	0.2	0.2	0.2	0.2
Total	7.2	6.5	4.7	4.1	3.6	3.4	3.5
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	0.1	0.1	0.2	0.3	0.4
Service Industry	-	-	-2.0	-2.9	-3.5	-3.9	-4.0
Warehousing and Storage	-	-	0.0	0.0	0.1	0.1	0.1
Transport Uses	-	-	0.2	0.4	0.5	0.6	0.7
Non-Industrial Land Uses (5%)	-	-	-0.1	-0.1	-0.1	-0.1	-0.1
Total	-	-	-1.8	-2.4	-2.9	-3.0	-2.9

Table G-8: Industrial projections, Stuarts Point and District, 2016 to 2041

	2016	2020	2021	2026	2031	2036	2041
Scenario One							
Employment Projections							
Large Footprint and General Industry	4	6	4	4	4	5	5
Service Industry	24	22	5	6	6	6	7
Warehousing and Storage	0	0	0	0	0	0	0
Transport Uses	12	11	12	13	14	15	16
Non-Industrial Land Uses (5%)	2	2	1	1	1	1	1
Total	42	41	22	24	26	27	29
Industrial Land Demand							
Large Footprint and General Industry	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Service Industry	0.8	0.7	0.1	0.2	0.2	0.2	0.2
Warehousing and Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport Uses	0.4	0.4	0.4	0.4	0.4	0.4	0.5
Non-Industrial Land Uses (5%)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total	1.4	1.3	0.6	0.7	0.7	0.8	0.8
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	-0.1	-0.1	-0.1	-0.1	0.0
Service Industry	-	-	-0.6	-0.6	-0.5	-0.5	-0.5
Warehousing and Storage	-	-	0.0	0.0	0.0	0.0	0.0
Transport Uses	-	-	0.0	0.0	0.0	0.0	0.1
Non-Industrial Land Uses (5%)	-	-	0.0	0.0	0.0	0.0	0.0
Total	-	-	-0.7	-0.7	-0.6	-0.6	-0.5
Scenario Two							
Employment Projections							
Large Footprint and General Industry	4	6	3	4	4	4	5
Service Industry	24	22	5	5	6	6	6
Warehousing and Storage	0	0	0	0	0	0	0
Transport Uses	12	17	10	13	14	15	16
Non-Industrial Land Uses (5%)	2	2	1	1	1	1	1
Total	42	47	19	24	25	27	28
Industrial Land Demand							
Large Footprint and General Industry	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Service Industry	0.8	0.7	0.1	0.2	0.2	0.2	0.2
Warehousing and Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport Uses	0.4	0.6	0.3	0.4	0.4	0.4	0.5
Non-Industrial Land Uses (5%)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total	1.4	1.5	0.5	0.7	0.7	0.8	0.8
Incremental (Based on 2020 Levels)							
Large Footprint and General Industry	-	-	-0.1	-0.1	-0.1	-0.1	0.0
Service Industry	-	-	-0.6	-0.6	-0.5	-0.5	-0.5
Warehousing and Storage	-	-	0.0	0.0	0.0	0.0	0.0
Transport Uses	-	-	-0.3	-0.2	-0.1	-0.1	-0.1
Non-Industrial Land Uses (5%)	-	-	0.0	0.0	0.0	0.0	0.0
Total	-	-	-1.0	-0.8	-0.8	-0.7	-0.7

APPENDIX H: ASSUMED EMPLOYMENT DENSITIES FOR INDUSTRIAL SECTORS

AP0H

Table H-1: Assumed Employment Densities by Industry Sector, Kempsey Shire, 2020-2041

	Employment / hectare assumption
Large Footprint and General Industry	
Beverage and Tobacco Product Manufacturing	40
Food Product Manufacturing	40
Wood Product Manufacturing	35
Pulp, Paper and Converted Paper Product Manufacturing	40
Petroleum and Coal Product Manufacturing	35
Basic Chemical and Chemical Product Manufacturing	35
Polymer Product and Rubber Product Manufacturing	30
Non-Metallic Mineral Product Manufacturing	20
Primary Metal and Metal Product Manufacturing	25
Machinery and Equipment Manufacturing	45
Fabricated Metal Product Manufacturing	35
Transport Equipment Manufacturing	45
Furniture and Other Manufacturing	35
Service Industry	
Textile, Leather, Clothing and Footwear Manufacturing	45
Printing (including the Reproduction of Recorded Media)	40
Publishing (except Internet and Music Publishing)	40
Construction Services	30
Repair and Maintenance	35
Warehousing and Storage	
Basic Material Wholesaling	20
Machinery and Equipment Wholesaling	20
Motor Vehicle and Motor Vehicle Parts Wholesaling	20
Grocery, Liquor and Tobacco Product Wholesaling	20
Other Goods Wholesaling	20
Warehousing and Storage Services	20
Transport Uses	
Motor Vehicle and Motor Vehicle Parts Retailing	30
Road Transport	25
Rail Transport	10
Transport Support Services	30
Postal and Courier Pick-up and Delivery Services	35

APPENDIX I: COMMERCIAL OFFICE FLOORSPACE DEMAND – CATCHMENT AREAS

AP0I

Table I-1: Commercial Office Space, South Kempsey/ Crescent Head - Kundabung, 2020 to 2041

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Employment																		
Scenario One																		
Financial Insurance Services	9	11	13	14	15	16	6	7	7	7	7	7	3	5	6	7	8	9
Professional, Scientific and Technical Services	30	36	42	45	48	51	16	15	14	13	12	12	15	21	28	33	36	39
Health Care and Social Assistance	2	2	3	3	3	3	1	1	0	0	0	0	1	2	2	3	3	3
Rental, Hiring and Real Estate Services	8	13	18	21	25	27	6	9	12	15	17	19	2	3	5	7	8	9
Public Administration and Safety	12	9	5	0	0	0	9	7	4	0	0	0	2	2	1	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	4	2	0	0	0	0	3	1	0	0	0	0	2	1	0	0	0	0
Total	66	74	80	83	91	97	40	40	37	34	36	38	26	34	43	49	55	60
Scenario Two																		
Financial Insurance Services	9	11	12	14	15	15	6	6	6	6	6	7	3	5	7	8	8	9
Professional, Scientific and Technical Services	30	36	41	44	47	49	16	15	14	12	12	12	15	21	27	32	35	37
Health Care and Social Assistance	2	2	3	3	3	3	1	1	0	0	0	0	1	2	2	3	3	3
Rental, Hiring and Real Estate Services	8	14	19	22	25	26	6	10	13	15	17	18	2	4	6	7	8	8
Public Administration and Safety	12	4	0	0	0	0	9	3	0	0	0	0	2	1	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	4	0	0	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0
Total	66	68	74	82	89	94	40	35	33	33	35	36	26	33	41	49	54	58
Workers Requiring Commercial Office																		
Scenario One																		
Financial Insurance Services	9	11	13	14	15	16	6	6	6	6	7	7	3	5	6	7	8	9
Professional, Scientific and Technical Services	29	35	41	44	47	50	15	15	14	12	12	12	14	20	27	32	35	38
Health Care and Social Assistance	2	2	2	3	3	3	1	1	0	0	0	0	1	2	2	3	3	3

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Rental, Hiring and Real Estate Services	8	12	17	21	24	26	6	9	12	14	17	18	2	3	5	6	8	8
Public Administration and Safety	11	9	5	0	0	0	9	7	3	0	0	0	2	2	1	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	4	2	0	0	0	0	3	1	0	0	0	0	2	1	0	0	0	0
Total	64	72	78	81	89	95	39	39	36	33	35	37	25	33	42	48	54	58
Scenario Two																		
Financial Insurance Services	9	11	12	13	14	15	6	6	6	6	6	6	3	5	7	7	8	9
Professional, Scientific and Technical Services	29	35	40	43	45	48	15	14	13	12	11	12	14	21	26	31	34	36
Health Care and Social Assistance	2	2	3	3	3	3	1	1	0	0	0	0	1	2	2	3	3	3
Rental, Hiring and Real Estate Services	8	14	18	22	24	26	6	10	13	15	16	18	2	4	5	7	8	8
Public Administration and Safety	11	4	0	0	0	0	9	3	0	0	0	0	2	1	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	4	0	0	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0
Total	64	66	73	80	87	92	39	34	32	33	34	36	25	32	41	47	53	56
Commercial office demand (sqm)																		
Scenario One																		
Financial Insurance Services	123	148	162	173	184	194	88	99	98	99	100	103	35	49	64	74	84	92
Professional, Scientific and Technical Services	383	441	492	515	543	571	234	229	214	189	181	184	149	212	278	326	362	386
Health Care and Social Assistance	25	24	27	29	32	34	12	8	5	2	1	0	13	16	22	27	31	34
Rental, Hiring and Real Estate Services	110	172	237	289	331	364	89	137	185	223	254	278	21	35	52	66	77	85
Public Administration and Safety	162	126	64	0	0	0	138	105	53	0	0	0	25	21	12	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	57	30	0	0	0	0	40	20	0	0	0	0	17	10	0	0	0	0
Total	859	941	983	1,006	1,090	1,162	600	598	555	513	535	565	259	342	428	493	555	597
Scenario Two																		
Financial Insurance Services	123	145	154	165	176	187	88	93	87	89	93	98	35	52	67	76	83	89

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Professional, Scientific and Technical Services	383	437	473	496	523	550	234	224	203	180	173	177	149	214	271	316	350	373
Health Care and Social Assistance	25	25	27	29	31	33	12	8	5	2	1	0	13	17	22	27	31	33
Rental, Hiring and Real Estate Services	110	195	254	299	330	354	89	155	199	231	253	271	21	40	55	68	77	83
Public Administration and Safety	162	56	0	0	0	0	138	47	0	0	0	0	25	9	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	57	0	0	0	0	0	40	0	0	0	0	0	17	0	0	0	0	0
Total	859	859	909	989	1,061	1,123	600	527	494	502	520	546	259	332	415	486	541	577

Table I-2: Commercial Office Space, East Kempsey and West Kempsey - Greenhill, 2020 to 2041

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Employment																		
Scenario One																		
Financial Insurance Services	84	103	116	126	136	144	53	59	59	59	60	62	31	44	58	67	76	82
Professional, Scientific and Technical Services	162	194	224	241	257	271	73	61	44	28	20	18	90	134	180	213	237	253
Health Care and Social Assistance	590	565	627	660	700	732	221	141	86	35	8	0	368	424	541	625	692	731
Rental, Hiring and Real Estate Services	48	65	79	87	93	99	36	47	56	60	64	68	12	18	23	27	29	31
Public Administration and Safety	383	466	538	572	611	644	304	363	411	431	457	481	79	103	127	141	154	163
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	170	193	217	232	245	259	98	100	102	100	101	106	73	93	115	132	144	153
Total	1,437	1,587	1,802	1,918	2,042	2,149	784	771	758	714	710	734	654	816	1,044	1,204	1,332	1,414
Scenario Two																		
Financial Insurance Services	84	103	112	122	131	139	53	56	52	54	56	59	31	47	60	68	75	80
Professional, Scientific and Technical Services	162	193	216	232	248	262	73	58	41	26	19	18	90	136	175	206	229	244

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Health Care and Social Assistance	590	555	597	630	671	704	221	139	82	33	7	0	368	416	515	597	664	704
Rental, Hiring and Real Estate Services	48	65	76	84	90	95	36	47	54	58	62	65	12	18	22	26	28	30
Public Administration and Safety	383	464	519	552	589	621	304	361	397	416	441	463	79	103	122	136	148	157
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	170	192	209	224	237	249	98	100	98	96	98	102	73	93	111	127	139	148
Total	1,437	1,571	1,730	1,843	1,966	2,071	784	759	724	684	682	707	654	812	1,006	1,160	1,284	1,363
Workers Requiring Commercial Office																		
Scenario One																		
Financial Insurance Services	84	99	113	122	132	140	51	57	57	57	58	60	30	43	56	65	73	80
Professional, Scientific and Technical Services	156	187	218	234	250	263	70	58	43	27	19	18	86	128	175	207	230	246
Health Care and Social Assistance	566	543	608	640	679	710	212	136	84	34	7	0	354	407	525	606	671	710
Rental, Hiring and Real Estate Services	46	62	77	85	90	96	34	45	54	59	62	66	12	17	23	26	28	30
Public Administration and Safety	368	448	522	556	593	625	292	349	399	419	444	466	75	99	123	137	149	158
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	164	186	211	225	238	251	94	96	99	97	98	102	70	89	112	128	140	149
Total	1,381	1,524	1,749	1,861	1,982	2,085	753	740	735	693	689	713	628	784	1,013	1,169	1,293	1,372
Scenario Two																		
Financial Insurance Services	81	99	109	118	127	135	51	53	51	52	54	57	30	45	58	66	73	78
Professional, Scientific and Technical Services	156	186	210	225	241	254	70	55	40	25	18	17	86	130	170	200	222	237
Health Care and Social Assistance	566	533	579	611	651	684	212	133	80	32	7	0	354	400	499	579	644	683
Rental, Hiring and Real Estate Services	46	62	74	82	87	93	34	45	52	56	60	63	12	17	22	25	27	29
Public Administration and Safety	368	445	504	536	572	602	292	347	385	404	428	450	75	99	119	132	144	153

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	164	185	203	217	230	242	94	96	95	94	95	99	70	89	108	123	135	143
Total	1,381	1,509	1,679	1,789	1,908	2,009	753	729	702	663	662	686	628	780	976	1,125	1,246	1,323
Commercial office demand (sqm)																		
Scenario One																		
Financial Insurance Services	1,103	1,329	1,457	1,557	1,656	1,750	789	887	879	887	900	925	314	443	578	669	757	825
Professional, Scientific and Technical Services	1,988	2,246	2,466	2,548	2,672	2,806	1,090	908	663	420	298	274	898	1,338	1,802	2,129	2,374	2,532
Health Care and Social Assistance	7,001	6,358	6,698	6,773	7,034	7,317	3,316	2,119	1,293	526	115	4	3,685	4,239	5,406	6,248	6,920	7,313
Rental, Hiring and Real Estate Services	660	885	1,070	1,173	1,252	1,329	536	705	837	905	960	1,017	124	180	233	268	293	312
Public Administration and Safety	5,347	6,475	7,440	7,881	8,398	8,841	4,561	5,443	6,171	6,470	6,858	7,210	786	1,032	1,269	1,411	1,540	1,630
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	2,193	2,433	2,678	2,818	2,960	3,114	1,465	1,501	1,524	1,500	1,519	1,583	728	932	1,154	1,319	1,441	1,531
Total	18,293	19,726	21,810	22,751	23,974	25,157	11,758	11,564	11,368	10,708	10,649	11,014	6,535	8,162	10,442	12,043	13,324	14,143
Scenario Two																		
Financial Insurance Services	1,103	1,307	1,384	1,483	1,588	1,685	789	835	783	803	839	885	314	472	600	680	749	800
Professional, Scientific and Technical Services	1,988	2,222	2,369	2,453	2,574	2,705	1,090	865	614	392	283	263	898	1,356	1,755	2,061	2,292	2,442
Health Care and Social Assistance	7,001	6,240	6,377	6,468	6,749	7,046	3,316	2,080	1,231	502	110	4	3,685	4,160	5,147	5,966	6,639	7,042
Rental, Hiring and Real Estate Services	660	880	1,032	1,131	1,208	1,281	536	701	807	873	925	980	124	179	224	258	282	301
Public Administration and Safety	5,347	6,443	7,173	7,599	8,097	8,523	4,561	5,416	5,950	6,238	6,612	6,951	786	1,027	1,224	1,361	1,485	1,572
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	2,193	2,420	2,582	2,717	2,854	3,002	1,465	1,493	1,470	1,446	1,464	1,526	728	927	1,112	1,271	1,390	1,476
Total	18,293	19,512	20,916	21,851	23,070	24,243	11,758	11,392	10,855	10,254	10,234	10,610	6,535	8,120	10,062	11,598	12,836	13,633

Table I-3: Commercial Office Space, Aldavilla - Euroka - Yarravel, 2020 to 2041

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Employment																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	9	10	12	13	14	14	7	10	12	13	14	14	1	0	0	0	0	0
Health Care and Social Assistance	5	6	9	10	12	12	0	0	0	0	0	0	5	6	9	10	12	12
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	25	32	40	45	50	53	15	19	24	27	30	32	10	13	16	18	20	21
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	38	49	60	68	75	80	22	29	36	39	43	46	17	19	25	28	31	34
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	9	10	10	11	12	13	7	10	10	11	12	13	1	0	0	0	0	0
Health Care and Social Assistance	5	8	9	10	11	11	0	0	0	0	0	0	5	8	9	10	11	11
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	25	34	37	42	46	49	15	20	22	25	27	30	10	14	15	17	18	20
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	38	52	55	63	69	74	22	30	32	37	40	43	17	22	23	27	29	31
Workers Requiring Commercial Office																		
Scenario One																		

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	8	9	11	12	12	13	6	9	11	12	12	13	1	0	0	0	0	0
Health Care and Social Assistance	4	5	8	9	10	11	0	0	0	0	0	0	4	5	8	9	10	11
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	22	29	36	41	45	48	13	17	22	24	27	29	9	12	15	16	18	19
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	34	43	55	62	68	73	19	26	32	36	39	42	15	17	23	26	29	31
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	8	9	9	10	11	12	6	9	9	10	11	12	1	0	0	0	0	0
Health Care and Social Assistance	4	7	8	9	10	10	0	0	0	0	0	0	4	7	8	9	10	10
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	22	30	33	38	42	45	13	18	20	23	25	27	9	12	13	15	17	18
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	34	46	50	58	62	67	19	27	29	33	36	39	15	19	21	24	26	28
Commercial office demand (sqm)																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	121	153	177	190	203	214	107	153	177	190	203	214	14	0	0	0	0	0
Health Care and Social Assistance	49	62	86	104	115	123	0	0	0	0	0	0	49	62	86	104	115	123

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	322	420	518	581	645	692	219	288	356	402	447	480	103	132	161	179	198	212
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	492	635	781	875	963	1,029	326	441	533	592	650	694	166	194	247	284	313	335
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	121	152	154	172	183	196	107	152	154	172	183	196	14	0	0	0	0	0
Health Care and Social Assistance	49	76	85	97	106	113	0	0	0	0	0	0	49	76	85	97	106	113
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	322	445	475	546	595	639	219	305	327	378	412	443	103	140	148	168	183	196
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	492	674	714	815	884	948	326	457	481	549	596	639	166	216	233	266	289	309

Table I-4: Commercial Office Space, Rural West - Bellbrook, 2020 to 2041

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Employment																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	16	19	20	23	25	26	0	0	0	0	0	0	16	19	20	23	25	26
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	10	6	0	0	0	0	10	6	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	26	25	20	23	25	26	10	6	0	0	0	0	16	19	20	23	25	26
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	16	19	20	22	24	26	0	0	0	0	0	0	16	19	20	22	24	26
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	10	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	26	19	20	22	24	26	10	0	0	0	0	0	16	19	20	22	24	26
Workers Requiring Commercial Office																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	9	11	13	15	16	18	0	0	0	0	0	0	9	11	13	15	16	18
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	5	3	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	14	14	13	15	16	18	5	3	0	0	0	0	9	11	13	15	16	18
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	9	11	13	15	16	17	0	0	0	0	0	0	9	11	13	15	16	17
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	14	11	13	15	16	17	5	0	0	0	0	0	9	11	13	15	16	17
Commercial office demand (sqm)																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	161	193	202	229	247	265	0	0	0	0	0	0	161	193	202	229	247	265
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	144	88	0	0	0	0	144	88	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	305	281	202	229	247	265	144	88	0	0	0	0	161	193	202	229	247	265

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	161	192	201	221	238	255	0	0	0	0	0	0	161	192	201	221	238	255
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	144	0	0	0	0	0	144	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	305	192	201	221	238	255	144	0	0	0	0	0	161	192	201	221	238	255

Table I-5: Commercial Office Space, Smithtown - Gladstone and District, 2020 to 2041

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Employment																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	14	17	19	21	22	23	10	14	19	21	22	23	4	2	0	0	0	0
Health Care and Social Assistance	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	10	17	25	32	34	36	0	0	0	0	0	0	10	17	25	32	34	36
Total	27	33	44	53	57	60	10	14	19	21	22	23	17	19	25	32	34	36

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	14	17	19	20	21	23	10	14	18	20	21	23	4	2	0	0	0	0
Health Care and Social Assistance	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	10	22	29	31	33	35	0	0	0	0	0	0	10	22	29	31	33	35
Total	27	38	48	51	55	58	10	14	18	20	21	23	17	24	29	31	33	35
Workers Requiring Commercial Office																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	13	15	18	19	21	22	9	13	18	19	21	22	4	2	0	0	0	0
Health Care and Social Assistance	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	9	15	23	30	32	34	0	0	0	0	0	0	9	15	23	30	32	34
Total	25	30	41	49	53	55	9	13	18	19	21	22	16	17	23	30	32	34
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	13	15	17	19	20	21	9	13	17	19	20	21	4	2	0	0	0	0

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Health Care and Social Assistance	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	9	20	27	29	31	33	0	0	0	0	0	0	9	20	27	29	31	33
Total	25	35	44	48	51	53	9	13	17	19	20	21	16	22	27	29	31	33
Commercial office demand (sqm)																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	190	239	288	311	332	350	150	215	285	311	332	350	40	24	3	0	0	0
Health Care and Social Assistance	36	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	99	165	246	320	344	363	0	0	0	0	0	0	99	165	246	320	344	363
Total	324	404	534	631	676	713	150	215	285	311	332	350	174	189	248	320	344	363
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	190	238	278	300	320	338	150	214	275	300	320	338	40	24	3	0	0	0
Health Care and Social Assistance	36	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	99	218	289	314	332	350	0	0	0	0	0	0	99	218	289	314	332	350
Total	324	455	567	613	652	688	150	214	275	300	320	338	174	241	292	314	332	350

Table I-6: Commercial Office Space, South West Rocks - Jerseyville, 2020 to 2041

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Employment																		
Scenario One																		
Financial Insurance Services	12	14	16	18	19	20	12	14	16	18	19	20	0	0	0	0	0	0
Professional, Scientific and Technical Services	42	50	58	62	66	70	26	37	49	58	65	69	16	13	8	4	1	0
Health Care and Social Assistance	37	34	34	32	32	32	22	25	28	30	30	31	15	9	6	3	1	1
Rental, Hiring and Real Estate Services	33	44	54	60	64	68	29	44	54	60	64	68	4	0	0	0	0	0
Public Administration and Safety	5	4	4	3	2	2	5	4	4	3	2	2	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	14	14	14	13	12	12	0	0	0	0	0	0	14	14	14	13	12	12
Total	142	161	179	187	195	203	93	125	151	168	180	190	49	36	28	19	15	14
Scenario Two																		
Financial Insurance Services	12	14	16	17	18	19	12	14	16	17	18	19	0	0	0	0	0	0
Professional, Scientific and Technical Services	42	50	55	60	64	67	26	37	47	56	63	67	16	13	8	4	1	0
Health Care and Social Assistance	37	30	29	28	29	30	22	22	24	26	28	29	15	8	5	2	1	1
Rental, Hiring and Real Estate Services	33	44	52	57	62	65	29	44	52	57	62	65	4	0	0	0	0	0
Public Administration and Safety	5	3	2	2	2	2	5	3	2	2	2	2	0	0	0	0	0	0

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	14	12	12	11	11	12	0	0	0	0	0	0	14	12	12	11	11	12
Total	142	154	167	176	185	195	93	120	142	158	172	182	49	33	25	17	14	13
Workers Requiring Commercial Office																		
Scenario One																		
Financial Insurance Services	10	12	14	16	17	18	10	12	14	16	17	18	0	0	0	0	0	0
Professional, Scientific and Technical Services	35	42	51	54	58	61	21	31	43	51	57	61	13	11	7	3	1	0
Health Care and Social Assistance	31	29	30	28	28	28	19	21	25	26	27	27	12	8	5	2	1	1
Rental, Hiring and Real Estate Services	28	37	48	52	56	60	24	37	48	52	56	60	4	0	0	0	0	0
Public Administration and Safety	4	4	3	2	2	1	4	4	3	2	2	1	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	12	12	12	12	11	11	0	0	0	0	0	0	12	12	12	12	11	11
Total	119	136	158	165	171	179	78	105	133	147	158	167	41	31	25	17	13	12
Scenario Two																		
Financial Insurance Services	10	12	14	15	16	17	10	12	14	15	16	17	0	0	0	0	0	0
Professional, Scientific and Technical Services	35	42	49	52	56	59	21	31	42	49	55	59	13	11	7	3	1	0
Health Care and Social Assistance	31	25	26	25	26	27	19	18	21	23	25	26	12	7	4	2	1	1
Rental, Hiring and Real Estate Services	28	37	46	51	54	57	24	37	46	51	54	57	4	0	0	0	0	0
Public Administration and Safety	4	3	2	2	1	1	4	3	2	2	1	1	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	12	10	10	10	10	10	0	0	0	0	0	0	12	10	10	10	10	10

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Total	119	129	147	155	163	172	78	101	125	139	151	161	41	28	22	15	12	11
Commercial office demand (sqm)																		
Scenario One																		
Financial Insurance Services	177	217	245	265	285	303	177	217	245	265	285	303	0	0	0	0	0	0
Professional, Scientific and Technical Services	544	683	821	908	984	1,042	384	554	738	871	973	1,038	161	129	83	37	11	4
Health Care and Social Assistance	478	463	479	469	468	473	333	370	424	443	455	463	145	93	55	26	13	9
Rental, Hiring and Real Estate Services	472	667	812	894	957	1,016	429	667	812	894	957	1,016	43	0	0	0	0	0
Public Administration and Safety	72	66	54	40	30	25	72	66	54	40	30	25	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	141	142	141	132	124	123	0	0	0	0	0	0	141	142	141	132	124	123
Total	1,884	2,237	2,551	2,707	2,848	2,982	1,395	1,873	2,272	2,513	2,700	2,845	490	364	279	194	148	137
Scenario Two																		
Financial Insurance Services	177	216	236	256	275	292	177	216	236	256	275	292	0	0	0	0	0	0
Professional, Scientific and Technical Services	544	679	792	875	948	1,004	384	551	712	840	938	1,000	161	128	80	35	10	4
Health Care and Social Assistance	478	407	412	415	432	451	333	326	364	392	421	442	145	82	48	23	12	9
Rental, Hiring and Real Estate Services	472	663	782	862	923	980	429	663	782	862	923	980	43	0	0	0	0	0
Public Administration and Safety	72	47	36	27	23	23	72	47	36	27	23	23	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	141	125	119	113	113	117	0	0	0	0	0	0	141	125	119	113	113	117
Total	1,884	2,137	2,377	2,548	2,714	2,867	1,395	1,803	2,130	2,377	2,579	2,737	490	335	247	172	135	130

Table I-6: Commercial Office Space, Stuarts Point and District, 2020 to 2041

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Employment																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	3	3	4	4	4	4	1	3	4	4	4	4	2	0	0	0	0	0
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	4	5	6	6	7	7	0	0	0	0	0	0	4	5	6	6	7	7
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	8	9	10	11	12	1	3	4	4	4	4	5	5	6	6	7	7
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	3	3	4	4	4	5	1	3	4	4	4	5	2	0	0	0	0	0
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	4	5	6	7	7	7	0	0	0	0	0	0	4	5	6	7	7	7
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	8	10	11	11	12	1	3	4	4	4	5	5	5	6	7	7	7
Workers Requiring Commercial Office																		
Scenario One																		

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	2	3	3	3	4	4	1	3	3	3	4	4	1	0	0	0	0	0
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	3	4	5	6	6	6	0	0	0	0	0	0	3	4	5	6	6	6
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	7	8	9	10	10	1	3	3	3	4	4	4	4	5	6	6	6
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	2	3	3	4	4	4	1	2	3	4	4	4	1	0	0	0	0	0
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	3	4	5	6	6	7	0	0	0	0	0	0	3	4	5	6	6	7
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	7	9	9	10	11	1	2	3	4	4	4	4	5	5	6	6	7
Commercial office demand (sqm)																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	33	48	54	58	62	66	17	48	54	58	62	66	16	0	0	0	0	0
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Rental, Hiring and Real Estate Services	36	49	58	63	68	72	0	0	0	0	0	0	36	49	58	63	68	72
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	69	97	112	122	130	138	17	48	54	58	62	66	52	49	58	63	68	72
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	33	46	56	60	64	68	17	42	56	60	64	68	16	5	0	0	0	0
Health Care and Social Assistance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rental, Hiring and Real Estate Services	36	49	60	66	70	75	0	0	0	0	0	0	36	49	60	66	70	75
Public Administration and Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	69	95	116	126	135	143	17	42	56	60	64	68	52	54	60	66	70	75

Table I-8: Commercial Office Space, Frederickton and District, 2020 to 2041

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Employment																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	24	28	33	35	37	39	0	0	0	0	0	0	24	28	33	35	37	39

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Health Care and Social Assistance	2	3	5	7	8	8	0	0	0	0	0	0	2	3	5	7	8	8
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	5	6	7	7	8	8	5	6	7	7	8	8	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	6	13	22	28	30	32	0	0	0	0	0	0	6	13	22	28	30	32
Total	36	50	66	77	83	88	5	6	7	7	8	8	31	45	60	70	75	80
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	24	28	31	34	36	38	0	0	0	0	0	0	24	28	31	34	36	38
Health Care and Social Assistance	2	5	6	7	8	8	0	0	0	0	0	0	2	5	6	7	8	8
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	5	6	6	7	7	8	5	6	6	7	7	8	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	6	19	26	27	29	31	0	0	0	0	0	0	6	19	26	27	29	31
Total	36	58	69	75	80	84	5	6	6	7	7	8	31	52	63	68	73	77
Workers Requiring Commercial Office																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	20	24	29	31	33	35	0	0	0	0	0	0	20	24	29	31	33	35
Health Care and Social Assistance	2	3	5	6	7	7	0	0	0	0	0	0	2	3	5	6	7	7
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	4	5	6	6	7	7	4	5	6	6	7	7	0	0	0	0	0	0

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	5	11	19	25	27	28	0	0	0	0	0	0	5	11	19	25	27	28
Total	31	43	59	68	73	78	4	5	6	6	7	7	27	38	53	62	67	71
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	20	24	28	30	32	34	0	0	0	0	0	0	20	24	28	30	32	34
Health Care and Social Assistance	2	4	5	6	7	7	0	0	0	0	0	0	2	4	5	6	7	7
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	4	5	6	6	6	7	4	5	6	6	6	7	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	5	16	23	24	26	27	0	0	0	0	0	0	5	16	23	24	26	27
Total	31	49	62	66	71	75	4	5	6	6	6	7	27	44	56	60	65	68
Commercial office demand (sqm)																		
Scenario One																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	236	282	326	350	374	395	0	0	0	0	0	0	236	282	326	350	374	395
Health Care and Social Assistance	19	34	52	65	76	84	0	0	0	0	0	0	19	34	52	65	76	84
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	71	86	99	106	113	119	71	86	99	106	113	119	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	57	130	218	285	302	318	0	0	0	0	0	0	57	130	218	285	302	318
Total	383	532	695	806	865	915	71	86	99	106	113	119	312	446	596	700	752	796

	Employment						Full-time Employment						Part Employment					
	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041	2020	2021	2026	2031	2036	2041
Scenario Two																		
Financial Insurance Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, Scientific and Technical Services	236	281	315	338	361	380	0	0	0	0	0	0	236	281	315	338	361	380
Health Care and Social Assistance	19	46	59	69	77	81	0	0	0	0	0	0	19	46	59	69	77	81
Rental, Hiring and Real Estate Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Administration and Safety	71	85	96	102	109	114	71	85	96	102	109	114	0	0	0	0	0	0
Information Media and Telecommunications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administrative and Support Services	57	193	257	275	291	306	0	0	0	0	0	0	57	193	257	275	291	306
Total	383	606	726	783	837	883	71	85	96	102	109	114	312	520	630	681	728	768

APPENDIX J: RETAIL EXPENDITURE ANALYSIS

AP0J

Table J-1: Weekly Household Expenditure by Catchment Area, 2020 to 2041

	2020	2021	2026	2031	2036	2041
South West Rocks - Jerseyville	**2020**	**2021**	**2026**	**2031**	**2036**	2041
Groceries & take home food	$228.56	$230.85	$242.62	$255.00	$268.01	$281.68
Dining & take away food	$67.15	$67.82	$71.28	$74.91	$78.74	$82.75
Clothing, footwear & apparel	$57.22	$57.79	$60.74	$63.83	$67.09	$70.51
Personal & other goods	$90.32	$91.23	$95.88	$100.77	$105.91	$111.31
Core bulky goods	$40.86	$41.27	$43.38	$45.59	$47.91	$50.36
Ancillary bulky goods	$57.18	$57.75	$60.70	$63.80	$67.05	$70.47
Hardware	$21.51	$21.72	$22.83	$23.99	$25.22	$26.50
Takeaway liquor	$22.40	$22.63	$23.78	$24.99	$26.27	$27.61
Fast food & take-away food	$25.84	$26.10	$27.43	$28.83	$30.30	$31.85
Total Grocery & Specialty	$491.49	$496.41	$521.73	$548.34	$576.31	$605.71
Total Bulky Goods	$119.55	$120.75	$126.91	$133.38	$140.18	$147.33
Total	$611.04	$617.15	$648.63	$681.72	$716.50	$753.04
Frederickton and District						
Groceries & take home food	$231.76	$234.08	$246.02	$258.57	$271.76	$285.62
Dining & take away food	$69.76	$70.46	$74.05	$77.83	$81.80	$85.97
Clothing, footwear & apparel	$59.02	$59.61	$62.65	$65.85	$69.21	$72.74
Personal & other goods	$92.46	$93.38	$98.15	$103.15	$108.42	$113.95
Core bulky goods	$41.72	$42.13	$44.28	$46.54	$48.91	$51.41
Ancillary bulky goods	$58.41	$59.00	$62.01	$65.17	$68.49	$71.99
Hardware	$21.96	$22.18	$23.31	$24.50	$25.75	$27.06
Takeaway liquor	$22.84	$23.07	$24.25	$25.49	$26.79	$28.15
Fast food & take-away food	$26.59	$26.86	$28.23	$29.67	$31.18	$32.77
Total Grocery & Specialty	$502.44	$507.46	$533.35	$560.55	$589.15	$619.20
Total Bulky Goods	$122.09	$123.31	$129.60	$136.21	$143.16	$150.46
Total	$624.53	$630.77	$662.95	$696.76	$732.31	$769.66
Stuarts Point and District						
Groceries & take home food	$224.66	$226.91	$238.48	$250.65	$263.43	$276.87
Dining & take away food	$63.96	$64.60	$67.90	$71.36	$75.00	$78.83
Clothing, footwear & apparel	$55.02	$55.57	$58.40	$61.38	$64.51	$67.80
Personal & other goods	$87.72	$88.60	$93.12	$97.87	$102.86	$108.11
Core bulky goods	$39.82	$40.22	$42.27	$44.43	$46.70	$49.08
Ancillary bulky goods	$55.68	$56.24	$59.11	$62.12	$65.29	$68.62
Hardware	$20.95	$21.16	$22.24	$23.38	$24.57	$25.82
Takeaway liquor	$21.86	$22.08	$23.21	$24.39	$25.64	$26.94
Fast food & take-away food	$24.93	$25.18	$26.47	$27.82	$29.24	$30.73
Total Grocery & Specialty	$478.16	$482.94	$507.57	$533.46	$560.68	$589.28
Total Bulky Goods	$116.46	$117.62	$123.62	$129.93	$136.56	$143.52
Total	$594.62	$600.56	$631.20	$663.39	$697.23	$732.80
Smithtown - Gladstone and District						
Groceries & take home food	$174.67	$176.42	$185.41	$194.87	$204.81	$215.26
Dining & take away food	$53.29	$53.82	$56.57	$59.45	$62.49	$65.67
Clothing, footwear & apparel	$44.91	$45.36	$47.67	$50.10	$52.66	$55.34

	2020	2021	2026	2031	2036	2041
Personal & other goods	$70.05	$70.75	$74.36	$78.16	$82.14	$86.33
Core bulky goods	$31.56	$31.87	$33.50	$35.21	$37.00	$38.89
Ancillary bulky goods	$44.21	$44.65	$46.93	$49.32	$51.84	$54.48
Hardware	$16.61	$16.78	$17.64	$18.54	$19.48	$20.48
Takeaway liquor	$17.27	$17.44	$18.33	$19.27	$20.25	$21.28
Fast food & take-away food	$27.02	$27.29	$28.69	$30.15	$31.69	$33.30
Total Grocery & Specialty	$387.21	$391.08	$411.03	$432.00	$454.04	$477.20
Total Bulky Goods	$92.38	$93.30	$98.06	$103.07	$108.32	$113.85
Total	$479.59	$484.39	$509.10	$535.07	$562.36	$591.04
Aldavilla - Euroka - Yarravel						
Groceries & take home food	$199.32	$201.31	$211.58	$222.37	$233.72	$245.64
Dining & take away food	$61.62	$62.24	$65.41	$68.75	$72.25	$75.94
Clothing, footwear & apparel	$53.81	$54.34	$57.12	$60.03	$63.09	$66.31
Personal & other goods	$76.91	$77.67	$81.64	$85.80	$90.18	$94.78
Core bulky goods	$31.97	$32.29	$33.93	$35.66	$37.48	$39.40
Ancillary bulky goods	$49.53	$50.02	$52.58	$55.26	$58.08	$61.04
Hardware	$18.82	$19.01	$19.98	$21.00	$22.07	$23.20
Takeaway liquor	$20.00	$20.20	$21.23	$22.31	$23.45	$24.65
Fast food & take-away food	$34.48	$34.83	$36.60	$38.47	$40.43	$42.49
Total Grocery & Specialty	$446.13	$450.59	$473.58	$497.73	$523.12	$549.81
Total Bulky Goods	$100.32	$101.32	$106.49	$111.92	$117.63	$123.63
Total	$546.45	$551.92	$580.07	$609.66	$640.76	$673.44
Rural West – Bellbrook						
Groceries & take home food	$173.93	$175.67	$184.63	$194.05	$203.95	$214.35
Dining & take away food	$52.69	$53.22	$55.93	$58.78	$61.78	$64.93
Clothing, footwear & apparel	$44.49	$44.94	$47.23	$49.64	$52.17	$54.83
Personal & other goods	$69.56	$70.26	$73.84	$77.61	$81.57	$85.73
Core bulky goods	$31.36	$31.68	$33.29	$34.99	$36.78	$38.65
Ancillary bulky goods	$43.92	$44.36	$46.63	$49.00	$51.50	$54.13
Hardware	$16.51	$16.68	$17.53	$18.42	$19.36	$20.35
Takeaway liquor	$17.17	$17.34	$18.23	$19.16	$20.13	$21.16
Fast food & take-away food	$26.79	$27.06	$28.44	$29.89	$31.42	$33.02
Total Grocery & Specialty	$384.64	$388.49	$408.31	$429.13	$451.02	$474.03
Total Bulky Goods	$91.80	$92.72	$97.45	$102.42	$107.64	$113.13
Total	$476.44	$481.21	$505.75	$531.55	$558.66	$587.16
South Kempsey and Crescent Head - Kundabung						
Groceries & take home food	$173.27	$175.00	$183.93	$193.31	$203.17	$213.53
Dining & take away food	$52.14	$52.67	$55.35	$58.18	$61.14	$64.26
Clothing, footwear & apparel	$44.12	$44.56	$46.83	$49.22	$51.73	$54.37
Personal & other goods	$69.12	$69.81	$73.37	$77.11	$81.05	$85.18
Core bulky goods	$31.19	$31.50	$33.10	$34.79	$36.57	$38.43
Ancillary bulky goods	$43.67	$44.10	$46.35	$48.72	$51.20	$53.82
Hardware	$16.42	$16.58	$17.43	$18.32	$19.25	$20.23

	2020	2021	2026	2031	2036	2041
Takeaway liquor	$17.08	$17.25	$18.13	$19.05	$20.02	$21.05
Fast food & take-away food	$26.59	$26.85	$28.22	$29.66	$31.17	$32.77
Total Grocery & Specialty	$382.31	$386.14	$405.83	$426.53	$448.29	$471.16
Total Bulky Goods	$91.27	$92.18	$96.88	$101.83	$107.02	$112.48
Total	$473.58	$478.32	$502.72	$528.36	$555.31	$583.64
East and West Kempsey						
Groceries & take home food	$165.91	$167.57	$176.11	$185.10	$194.54	$204.46
Dining & take away food	$46.13	$46.59	$48.97	$51.47	$54.09	$56.85
Clothing, footwear & apparel	$39.97	$40.37	$42.43	$44.59	$46.87	$49.26
Personal & other goods	$64.21	$64.85	$68.16	$71.63	$75.29	$79.13
Core bulky goods	$29.22	$29.52	$31.02	$32.60	$34.27	$36.02
Ancillary bulky goods	$40.84	$41.25	$43.35	$45.56	$47.89	$50.33
Hardware	$15.37	$15.53	$16.32	$17.15	$18.02	$18.94
Takeaway liquor	$16.06	$16.22	$17.05	$17.92	$18.83	$19.79
Fast food & take-away food	$24.29	$24.53	$25.78	$27.09	$28.48	$29.93
Total Grocery & Specialty	$356.56	$360.13	$378.50	$397.81	$418.10	$439.43
Total Bulky Goods	$85.43	$86.29	$90.69	$95.32	$100.18	$105.29
Total	$442.00	$446.42	$469.19	$493.12	$518.28	$544.71
Kempsey Shire						
Groceries & take home food	$172.57	$174.29	$183.18	$192.53	$202.35	$212.67
Dining & take away food	$51.57	$52.09	$54.75	$57.54	$60.47	$63.56
Clothing, footwear & apparel	$43.72	$44.16	$46.41	$48.78	$51.27	$53.88
Personal & other goods	$68.65	$69.34	$72.87	$76.59	$80.50	$84.61
Core bulky goods	$31.00	$31.31	$32.91	$34.58	$36.35	$38.20
Ancillary bulky goods	$43.40	$43.83	$46.07	$48.42	$50.89	$53.48
Hardware	$16.32	$16.48	$17.32	$18.20	$19.13	$20.11
Takeaway liquor	$16.98	$17.15	$18.03	$18.94	$19.91	$20.93
Fast food & take-away food	$26.37	$26.63	$27.99	$29.42	$30.92	$32.50
Total Grocery & Specialty	$379.87	$383.66	$403.23	$423.80	$445.42	$468.14
Total Bulky Goods	$90.71	$91.62	$96.30	$101.21	$106.37	$111.80
Total	$470.58	$475.29	$499.53	$525.01	$551.79	$579.94

Table J-2: Average Annual Available Expenditure by Catchment Area, 2020 to 2041

	2020	2021	2026	2031	2036	2041
South West Rocks - Jerseyville						
Groceries & take home food	$30.41	$31.92	$37.02	$43.09	$50.13	$58.31
Dining & take away food	$8.93	$9.38	$10.87	$12.66	$14.73	$17.13
Clothing, footwear & apparel	$7.61	$7.99	$9.27	$10.79	$12.55	$14.60
Personal & other goods	$12.02	$12.61	$14.63	$17.03	$19.81	$23.04
Core bulky goods	$5.44	$5.71	$6.62	$7.70	$8.96	$10.42
Ancillary bulky goods	$7.61	$7.99	$9.26	$10.78	$12.54	$14.59
Hardware	$2.86	$3.00	$3.48	$4.05	$4.72	$5.49
Takeaway liquor	$2.98	$3.13	$3.63	$4.22	$4.91	$5.72
Fast food & take-away food	$3.44	$3.61	$4.19	$4.87	$5.67	$6.59

	2020	2021	2026	2031	2036	2041
Total Grocery & Specialty	$61.95	$65.03	$75.41	$87.80	$102.13	$118.80
Total Bulky Goods	$15.91	$16.70	$19.36	$22.54	$26.22	$30.50
Total	$77.86	$81.72	$94.78	$110.34	$128.35	$149.30
Frederickton and District						
Groceries & take home food	$10.05	$9.98	$10.87	$11.98	$13.23	$14.60
Dining & take away food	$3.02	$3.00	$3.27	$3.61	$3.98	$4.40
Clothing, footwear & apparel	$2.56	$2.54	$2.77	$3.05	$3.37	$3.72
Personal & other goods	$4.01	$3.98	$4.34	$4.78	$5.28	$5.83
Core bulky goods	$1.81	$1.80	$1.96	$2.16	$2.38	$2.63
Ancillary bulky goods	$2.53	$2.52	$2.74	$3.02	$3.33	$3.68
Hardware	$0.95	$0.95	$1.03	$1.14	$1.25	$1.38
Takeaway liquor	$0.99	$0.98	$1.07	$1.18	$1.30	$1.44
Fast food & take-away food	$1.15	$1.15	$1.25	$1.37	$1.52	$1.68
Total Grocery & Specialty	$20.63	$20.49	$22.33	$24.60	$27.16	$29.98
Total Bulky Goods	$5.29	$5.26	$5.73	$6.31	$6.97	$7.69
Total	$25.93	$25.75	$28.05	$30.91	$34.13	$37.68
Stuarts Point and District						
Groceries & take home food	$8.75	$8.85	$9.41	$10.09	$10.90	$11.79
Dining & take away food	$2.49	$2.52	$2.68	$2.87	$3.10	$3.36
Clothing, footwear & apparel	$2.14	$2.17	$2.31	$2.47	$2.67	$2.89
Personal & other goods	$3.42	$3.46	$3.68	$3.94	$4.26	$4.60
Core bulky goods	$1.55	$1.57	$1.67	$1.79	$1.93	$2.09
Ancillary bulky goods	$2.17	$2.19	$2.33	$2.50	$2.70	$2.92
Hardware	$0.82	$0.83	$0.88	$0.94	$1.02	$1.10
Takeaway liquor	$0.85	$0.86	$0.92	$0.98	$1.06	$1.15
Fast food & take-away food	$0.97	$0.98	$1.04	$1.12	$1.21	$1.31
Total Grocery & Specialty	$17.65	$17.85	$18.99	$20.35	$22.00	$23.78
Total Bulky Goods	$4.53	$4.59	$4.88	$5.23	$5.65	$6.11
Total	$22.18	$22.44	$23.87	$25.58	$27.65	$29.89
Smithtown - Gladstone and District						
Groceries & take home food	$8.76	$8.55	$9.01	$9.55	$10.09	$10.66
Dining & take away food	$2.67	$2.61	$2.75	$2.91	$3.08	$3.25
Clothing, footwear & apparel	$2.25	$2.20	$2.32	$2.45	$2.59	$2.74
Personal & other goods	$3.51	$3.43	$3.62	$3.83	$4.05	$4.27
Core bulky goods	$1.58	$1.54	$1.63	$1.72	$1.82	$1.93
Ancillary bulky goods	$2.22	$2.16	$2.28	$2.42	$2.55	$2.70
Hardware	$0.83	$0.81	$0.86	$0.91	$0.96	$1.01
Takeaway liquor	$0.87	$0.85	$0.89	$0.94	$1.00	$1.05
Fast food & take-away food	$1.36	$1.32	$1.39	$1.48	$1.56	$1.65
Total Grocery & Specialty	$18.06	$17.63	$18.59	$19.68	$20.80	$21.98
Total Bulky Goods	$4.63	$4.52	$4.77	$5.05	$5.33	$5.64
Total	$22.69	$22.15	$23.36	$24.73	$26.13	$27.61
Aldavilla - Euroka - Yarravel						

	2020	2021	2026	2031	2036	2041
Groceries & take home food	$12.69	$10.11	$11.32	$12.51	$13.66	$14.91
Dining & take away food	$3.92	$3.13	$3.50	$3.87	$4.22	$4.61
Clothing, footwear & apparel	$3.43	$2.73	$3.06	$3.38	$3.69	$4.03
Personal & other goods	$4.90	$3.90	$4.37	$4.83	$5.27	$5.75
Core bulky goods	$2.04	$1.62	$1.82	$2.01	$2.19	$2.39
Ancillary bulky goods	$3.15	$2.51	$2.81	$3.11	$3.39	$3.71
Hardware	$1.20	$0.96	$1.07	$1.18	$1.29	$1.41
Takeaway liquor	$1.27	$1.01	$1.14	$1.26	$1.37	$1.50
Fast food & take-away food	$2.20	$1.75	$1.96	$2.16	$2.36	$2.58
Total Grocery & Specialty	$26.22	$20.88	$23.38	$25.84	$28.21	$30.80
Total Bulky Goods	$6.39	$5.09	$5.70	$6.30	$6.88	$7.51
Total	$32.61	$25.97	$29.08	$32.14	$35.09	$38.31
Rural West – Bellbrook						
Groceries & take home food	$9.39	$9.81	$10.48	$11.22	$12.04	$12.91
Dining & take away food	$2.84	$2.97	$3.18	$3.40	$3.65	$3.91
Clothing, footwear & apparel	$2.40	$2.51	$2.68	$2.87	$3.08	$3.30
Personal & other goods	$3.75	$3.92	$4.19	$4.49	$4.81	$5.16
Core bulky goods	$1.69	$1.77	$1.89	$2.02	$2.17	$2.33
Ancillary bulky goods	$2.37	$2.48	$2.65	$2.83	$3.04	$3.26
Hardware	$0.89	$0.93	$1.00	$1.07	$1.14	$1.23
Takeaway liquor	$0.93	$0.97	$1.03	$1.11	$1.19	$1.27
Fast food & take-away food	$1.45	$1.51	$1.62	$1.73	$1.85	$1.99
Total Grocery & Specialty	$19.32	$20.18	$21.57	$23.09	$24.77	$26.57
Total Bulky Goods	$4.95	$5.18	$5.53	$5.92	$6.35	$6.82
Total	$24.27	$25.36	$27.10	$29.01	$31.12	$33.38
South Kempsey and Crescent Head - Kundabung						
Groceries & take home food	$17.89	$17.86	$19.31	$21.12	$23.23	$25.56
Dining & take away food	$5.39	$5.38	$5.81	$6.36	$6.99	$7.69
Clothing, footwear & apparel	$4.56	$4.55	$4.92	$5.38	$5.92	$6.51
Personal & other goods	$7.14	$7.13	$7.70	$8.42	$9.27	$10.20
Core bulky goods	$3.22	$3.22	$3.48	$3.80	$4.18	$4.60
Ancillary bulky goods	$4.51	$4.50	$4.87	$5.32	$5.86	$6.44
Hardware	$1.70	$1.69	$1.83	$2.00	$2.20	$2.42
Takeaway liquor	$1.76	$1.76	$1.90	$2.08	$2.29	$2.52
Fast food & take-away food	$2.75	$2.74	$2.96	$3.24	$3.56	$3.92
Total Grocery & Specialty	$36.74	$36.67	$39.64	$43.36	$47.70	$52.48
Total Bulky Goods	$9.43	$9.41	$10.17	$11.12	$12.24	$13.46
Total	$46.16	$46.08	$49.82	$54.48	$59.93	$65.94
East and West Kempsey						
Groceries & take home food	$29.79	$29.16	$31.44	$33.84	$36.23	$38.78
Dining & take away food	$8.28	$8.11	$8.74	$9.41	$10.07	$10.78
Clothing, footwear & apparel	$7.18	$7.03	$7.57	$8.15	$8.73	$9.34
Personal & other goods	$11.53	$11.29	$12.17	$13.10	$14.02	$15.01

	2020	2021	2026	2031	2036	2041
Core bulky goods	$5.25	$5.14	$5.54	$5.96	$6.38	$6.83
Ancillary bulky goods	$7.33	$7.18	$7.74	$8.33	$8.92	$9.54
Hardware	$2.76	$2.70	$2.91	$3.14	$3.36	$3.59
Takeaway liquor	$2.88	$2.82	$3.04	$3.28	$3.51	$3.75
Fast food & take-away food	$4.36	$4.27	$4.60	$4.95	$5.30	$5.68
Total Grocery & Specialty	$59.66	$58.41	$62.97	$67.78	$72.55	$77.66
Total Bulky Goods	$15.34	$15.02	$16.19	$17.43	$18.65	$19.97
Total	$75.00	$73.43	$79.16	$85.20	$91.21	$97.63
Kempsey Shire						
Groceries & take home food	$115.07	$113.39	$124.32	$136.84	$150.63	$165.80
Dining & take away food	$34.39	$33.89	$37.15	$40.89	$45.02	$49.55
Clothing, footwear & apparel	$29.15	$28.73	$31.50	$34.67	$38.16	$42.01
Personal & other goods	$45.78	$45.11	$49.46	$54.44	$59.92	$65.96
Core bulky goods	$20.67	$20.37	$22.33	$24.58	$27.06	$29.78
Ancillary bulky goods	$28.94	$28.52	$31.26	$34.41	$37.88	$41.70
Hardware	$10.88	$10.72	$11.75	$12.94	$14.24	$15.68
Takeaway liquor	$11.32	$11.16	$12.23	$13.46	$14.82	$16.31
Fast food & take-away food	$17.58	$17.33	$19.00	$20.91	$23.02	$25.33
Total Grocery & Specialty	$235.71	$232.28	$254.66	$280.30	$308.55	$339.64
Total Bulky Goods	$60.49	$59.61	$65.35	$71.93	$79.18	$87.16
Total	$296.20	$291.88	$320.01	$352.24	$387.73	$426.80

Table J-3: Adjusted Average Annual Available Expenditure by Catchment Area, 2020 to 2041

	2020	2021	2026	2031	2036	2041
South West Rocks - Jerseyville						
Groceries & take home food	$29.65	$31.09	$35.83	$41.46	$47.92	$55.40
Dining & take away food	$8.49	$8.90	$10.25	$11.86	$13.71	$15.85
Clothing, footwear & apparel	$5.90	$6.16	$6.99	$7.94	$9.01	$10.22
Personal & other goods	$9.31	$9.73	$11.03	$12.53	$14.22	$16.13
Core bulky goods	$4.21	$4.40	$4.99	$5.67	$6.43	$7.30
Ancillary bulky goods	$5.90	$6.16	$6.98	$7.94	$9.00	$10.21
Hardware	$2.58	$2.70	$3.09	$3.54	$4.07	$4.66
Takeaway liquor	$2.83	$2.97	$3.42	$3.96	$4.57	$5.29
Fast food & take-away food	$3.27	$3.43	$3.95	$4.57	$5.28	$6.10
Total Grocery & Specialty	$56.18	$58.84	$67.52	$77.75	$89.44	$102.88
Total Bulky Goods	$12.68	$13.25	$15.06	$17.15	$19.51	$22.17
Total	$68.87	$72.10	$82.58	$94.90	$108.95	$125.05
Frederickton and District						
Groceries & take home food	$9.80	$9.72	$10.53	$11.52	$12.65	$13.87
Dining & take away food	$2.87	$2.85	$3.09	$3.38	$3.71	$4.07
Clothing, footwear & apparel	$1.98	$1.96	$2.09	$2.25	$2.42	$2.60
Personal & other goods	$3.11	$3.07	$3.27	$3.52	$3.79	$4.08
Core bulky goods	$1.40	$1.39	$1.48	$1.59	$1.71	$1.84
Ancillary bulky goods	$1.96	$1.94	$2.07	$2.22	$2.39	$2.58

	2020	2021	2026	2031	2036	2041
Hardware	$0.86	$0.85	$0.91	$0.99	$1.08	$1.18
Takeaway liquor	$0.94	$0.93	$1.01	$1.11	$1.21	$1.33
Fast food & take-away food	$1.10	$1.09	$1.18	$1.29	$1.41	$1.55
Total Grocery & Specialty	$18.70	$18.54	$19.98	$21.77	$23.77	$25.95
Total Bulky Goods	$4.22	$4.17	$4.46	$4.80	$5.18	$5.59
Total	$22.93	$22.71	$24.44	$26.57	$28.96	$31.55
Stuarts Point and District						
Groceries & take home food	$8.53	$8.62	$9.11	$9.70	$10.42	$11.20
Dining & take away food	$2.37	$2.39	$2.53	$2.69	$2.89	$3.10
Clothing, footwear & apparel	$1.66	$1.67	$1.74	$1.82	$1.92	$2.02
Personal & other goods	$2.65	$2.66	$2.77	$2.90	$3.06	$3.22
Core bulky goods	$1.20	$1.21	$1.26	$1.32	$1.39	$1.46
Ancillary bulky goods	$1.68	$1.69	$1.76	$1.84	$1.94	$2.04
Hardware	$0.73	$0.74	$0.78	$0.82	$0.88	$0.93
Takeaway liquor	$0.81	$0.82	$0.86	$0.92	$0.99	$1.06
Fast food & take-away food	$0.92	$0.93	$0.99	$1.05	$1.13	$1.21
Total Grocery & Specialty	$16.01	$16.16	$17.01	$18.03	$19.28	$20.60
Total Bulky Goods	$3.62	$3.64	$3.79	$3.98	$4.20	$4.44
Total	$19.63	$19.80	$20.81	$22.01	$23.48	$25.04
Smithtown - Gladstone and District						
Groceries & take home food	$8.54	$8.33	$8.73	$9.18	$9.64	$10.12
Dining & take away food	$2.54	$2.48	$2.59	$2.73	$2.86	$3.01
Clothing, footwear & apparel	$1.75	$1.69	$1.75	$1.81	$1.86	$1.92
Personal & other goods	$2.72	$2.64	$2.73	$2.82	$2.90	$2.99
Core bulky goods	$1.23	$1.19	$1.23	$1.27	$1.31	$1.35
Ancillary bulky goods	$1.72	$1.67	$1.72	$1.78	$1.83	$1.89
Hardware	$0.75	$0.73	$0.76	$0.79	$0.83	$0.86
Takeaway liquor	$0.82	$0.80	$0.84	$0.88	$0.93	$0.97
Fast food & take-away food	$1.29	$1.26	$1.32	$1.38	$1.45	$1.53
Total Grocery & Specialty	$16.37	$15.94	$16.63	$17.42	$18.20	$19.02
Total Bulky Goods	$3.69	$3.59	$3.71	$3.84	$3.97	$4.10
Total	$20.06	$19.53	$20.34	$21.26	$22.17	$23.11
Aldavilla - Euroka - Yarravel						
Groceries & take home food	$12.38	$9.85	$10.96	$12.04	$13.06	$14.17
Dining & take away food	$3.73	$2.97	$3.30	$3.62	$3.93	$4.26
Clothing, footwear & apparel	$2.66	$2.10	$2.30	$2.49	$2.65	$2.82
Personal & other goods	$3.80	$3.01	$3.29	$3.55	$3.78	$4.03
Core bulky goods	$1.58	$1.25	$1.37	$1.48	$1.57	$1.67
Ancillary bulky goods	$2.44	$1.94	$2.12	$2.29	$2.44	$2.59
Hardware	$1.08	$0.86	$0.95	$1.03	$1.11	$1.20
Takeaway liquor	$1.21	$0.96	$1.07	$1.18	$1.28	$1.38
Fast food & take-away food	$2.09	$1.66	$1.85	$2.03	$2.20	$2.39
Total Grocery & Specialty	$23.77	$18.89	$20.93	$22.88	$24.70	$26.66
Total Bulky Goods	$5.10	$4.05	$4.44	$4.80	$5.12	$5.47

	2020	2021	2026	2031	2036	2041
Total	$28.87	$22.94	$25.37	$27.67	$29.82	$32.13
Rural West – Bellbrook						
Groceries & take home food	$9.15	$9.56	$10.15	$10.79	$11.51	$12.27
Dining & take away food	$2.70	$2.82	$2.99	$3.18	$3.39	$3.62
Clothing, footwear & apparel	$1.86	$1.93	$2.02	$2.11	$2.21	$2.31
Personal & other goods	$2.91	$3.03	$3.16	$3.30	$3.46	$3.62
Core bulky goods	$1.31	$1.36	$1.43	$1.49	$1.56	$1.63
Ancillary bulky goods	$1.84	$1.91	$2.00	$2.09	$2.18	$2.28
Hardware	$0.80	$0.84	$0.88	$0.93	$0.98	$1.04
Takeaway liquor	$0.88	$0.92	$0.98	$1.04	$1.11	$1.18
Fast food & take-away food	$1.37	$1.43	$1.52	$1.62	$1.73	$1.84
Total Grocery & Specialty	$17.51	$18.26	$19.30	$20.43	$21.68	$22.99
Total Bulky Goods	$3.95	$4.11	$4.30	$4.51	$4.73	$4.95
Total	$21.46	$22.37	$23.61	$24.94	$26.40	$27.95
South Kempsey and Crescent Head - Kundabung						
Groceries & take home food	$17.45	$17.40	$18.69	$20.32	$22.21	$24.28
Dining & take away food	$5.12	$5.10	$5.48	$5.96	$6.51	$7.12
Clothing, footwear & apparel	$3.53	$3.51	$3.71	$3.96	$4.25	$4.56
Personal & other goods	$5.53	$5.49	$5.81	$6.20	$6.65	$7.14
Core bulky goods	$2.50	$2.48	$2.62	$2.80	$3.00	$3.22
Ancillary bulky goods	$3.50	$3.47	$3.67	$3.92	$4.20	$4.51
Hardware	$1.53	$1.52	$1.62	$1.75	$1.90	$2.06
Takeaway liquor	$1.68	$1.67	$1.79	$1.95	$2.13	$2.33
Fast food & take-away food	$2.61	$2.60	$2.79	$3.04	$3.32	$3.63
Total Grocery & Specialty	$33.30	$33.17	$35.48	$38.38	$41.75	$45.42
Total Bulky Goods	$7.52	$7.47	$7.91	$8.46	$9.10	$9.79
Total	$40.82	$40.64	$43.39	$46.85	$50.86	$55.21
East and West Kempsey						
Groceries & take home food	$29.05	$28.41	$30.43	$32.56	$34.63	$36.84
Dining & take away food	$7.87	$7.70	$8.24	$8.82	$9.38	$9.97
Clothing, footwear & apparel	$5.56	$5.42	$5.71	$6.00	$6.27	$6.54
Personal & other goods	$8.93	$8.70	$9.17	$9.64	$10.07	$10.50
Core bulky goods	$4.07	$3.96	$4.18	$4.39	$4.58	$4.78
Ancillary bulky goods	$5.68	$5.53	$5.83	$6.13	$6.40	$6.68
Hardware	$2.48	$2.43	$2.58	$2.74	$2.89	$3.05
Takeaway liquor	$2.74	$2.68	$2.87	$3.07	$3.26	$3.47
Fast food & take-away food	$4.14	$4.05	$4.34	$4.64	$4.94	$5.25
Total Grocery & Specialty	$54.15	$52.90	$56.43	$60.08	$63.61	$67.33
Total Bulky Goods	$12.23	$11.92	$12.59	$13.26	$13.88	$14.52
Total	$66.39	$64.82	$69.02	$73.34	$77.48	$81.85
Kempsey Shire						
Groceries & take home food	$124.54	$122.97	$134.43	$147.57	$162.04	$178.15

	2020	2021	2026	2031	2036	2041
Dining & take away food	$35.68	$35.20	$38.48	$42.24	$46.39	$51.00
Clothing, footwear & apparel	$24.90	$24.45	$26.31	$28.37	$30.58	$32.99
Personal & other goods	$38.96	$38.33	$41.24	$44.46	$47.93	$51.71
Core bulky goods	$17.50	$17.24	$18.54	$19.99	$21.56	$23.25
Ancillary bulky goods	$24.72	$24.31	$26.15	$28.20	$30.40	$32.79
Hardware	$10.81	$10.66	$11.57	$12.60	$13.74	$14.99
Takeaway liquor	$11.91	$11.75	$12.85	$14.10	$15.48	$17.02
Fast food & take-away food	$16.78	$16.45	$17.93	$19.61	$21.45	$23.49
Total Grocery & Specialty	$235.99	$232.70	$253.30	$276.75	$302.43	$330.86
Total Bulky Goods	$53.02	$52.21	$56.26	$60.80	$65.69	$71.03
Total	$289.01	$284.91	$309.56	$337.55	$368.12	$401.89

Table J-4: Supportable Floorspace Estimates by Catchment Area, 2020 to 2041

	2020	2021	2026	2031	2036	2041
South West Rocks - Jerseyville						
Groceries & take home food	3,121	3,256	3,661	4,131	4,658	5,251
Dining & take away food	1,543	1,610	1,810	2,042	2,302	2,595
Clothing, footwear & apparel	1,073	1,115	1,233	1,367	1,513	1,673
Personal & other goods	1,693	1,759	1,946	2,157	2,388	2,641
Core bulky goods	936	973	1,076	1,193	1,320	1,460
Ancillary bulky goods	1,072	1,114	1,232	1,366	1,512	1,672
Hardware	736	767	856	958	1,073	1,200
Takeaway liquor	315	328	369	416	469	529
Fast food & take-away food	594	620	696	786	886	999
Total Grocery & Specialty	7,745	8,068	9,018	10,113	11,329	12,689
Total Bulky Goods	2,744	2,853	3,164	3,517	3,904	4,332
Total	10,489	10,922	12,182	13,630	15,233	17,022
Frederickton and District						
Groceries & take home food	1,031	1,018	1,075	1,148	1,229	1,315
Dining & take away food	522	516	545	582	622	666
Clothing, footwear & apparel	361	355	368	386	406	426
Personal & other goods	565	555	577	605	636	668
Core bulky goods	312	306	318	334	351	368
Ancillary bulky goods	357	351	365	382	402	422
Hardware	245	241	253	268	285	303
Takeaway liquor	105	103	109	116	125	133
Fast food & take-away food	199	197	208	222	237	254
Total Grocery & Specialty	2,584	2,547	2,675	2,838	3,018	3,208
Total Bulky Goods	913	899	936	985	1,038	1,093
Total	3,497	3,446	3,611	3,823	4,055	4,301
Stuarts Point and District						
Groceries & take home food	898	903	931	967	1,013	1,061
Dining & take away food	430	433	446	463	485	508
Clothing, footwear & apparel	302	302	307	313	322	331
Personal & other goods	481	482	489	499	513	527

	2020	2021	2026	2031	2036	2041
Core bulky goods	267	267	271	277	285	293
Ancillary bulky goods	305	306	310	317	326	335
Hardware	210	211	216	222	231	240
Takeaway liquor	90	90	93	97	101	106
Fast food & take-away food	168	169	174	181	189	198
Total Grocery & Specialty	2,201	2,210	2,266	2,339	2,435	2,534
Total Bulky Goods	782	784	797	816	842	868
Total	2,983	2,994	3,063	3,155	3,276	3,402
Smithtown - Gladstone and District						
Groceries & take home food	899	872	891	915	937	960
Dining & take away food	462	448	458	470	481	492
Clothing, footwear & apparel	317	307	308	311	313	314
Personal & other goods	495	478	481	485	488	490
Core bulky goods	273	263	265	267	268	270
Ancillary bulky goods	312	302	304	306	308	309
Hardware	214	208	211	215	218	222
Takeaway liquor	91	89	91	93	95	98
Fast food & take-away food	234	227	232	238	244	250
Total Grocery & Specialty	2,264	2,194	2,229	2,274	2,313	2,354
Total Bulky Goods	799	773	779	788	794	801
Total	3,063	2,966	3,008	3,061	3,108	3,154
Aldavilla - Euroka - Yarravel						
Groceries & take home food	1,303	1,032	1,120	1,199	1,269	1,343
Dining & take away food	678	537	582	624	660	698
Clothing, footwear & apparel	483	381	407	428	444	461
Personal & other goods	690	544	581	612	635	660
Core bulky goods	351	276	295	311	323	335
Ancillary bulky goods	444	350	374	394	409	425
Hardware	308	244	263	279	293	308
Takeaway liquor	134	106	116	124	131	139
Fast food & take-away food	379	300	326	349	369	391
Total Grocery & Specialty	3,288	2,600	2,805	2,986	3,140	3,301
Total Bulky Goods	1,103	871	932	984	1,025	1,068
Total	4,392	3,471	3,738	3,970	4,165	4,369
Rural West – Bellbrook						
Groceries & take home food	964	1,001	1,037	1,076	1,118	1,163
Dining & take away food	491	510	528	548	570	592
Clothing, footwear & apparel	338	350	357	364	371	379
Personal & other goods	529	547	558	568	580	592
Core bulky goods	292	302	307	313	320	326
Ancillary bulky goods	334	346	352	359	366	374
Hardware	229	238	245	252	260	268
Takeaway liquor	98	102	105	109	113	118
Fast food & take-away food	250	259	269	279	290	301

	2020	2021	2026	2031	2036	2041
Total Grocery & Specialty	2,420	2,510	2,585	2,665	2,753	2,844
Total Bulky Goods	855	885	904	924	946	968
Total	3,275	3,395	3,489	3,589	3,699	3,812
South Kempsey and Crescent Head - Kundabung						
Groceries & take home food	1,836	1,822	1,910	2,024	2,159	2,302
Dining & take away food	930	923	967	1,025	1,093	1,165
Clothing, footwear & apparel	642	634	654	681	713	746
Personal & other goods	1,006	994	1,025	1,067	1,117	1,169
Core bulky goods	555	548	565	589	616	644
Ancillary bulky goods	635	628	648	674	706	738
Hardware	436	432	449	473	501	530
Takeaway liquor	186	185	194	205	219	233
Fast food & take-away food	474	471	493	523	557	594
Total Grocery & Specialty	4,601	4,558	4,749	5,003	5,300	5,615
Total Bulky Goods	1,626	1,608	1,662	1,736	1,822	1,913
Total	6,227	6,167	6,411	6,739	7,122	7,527
East and West Kempsey						
Groceries & take home food	3,057	2,975	3,109	3,244	3,366	3,492
Dining & take away food	1,431	1,392	1,455	1,518	1,574	1,633
Clothing, footwear & apparel	1,011	980	1,008	1,033	1,052	1,071
Personal & other goods	1,625	1,574	1,619	1,659	1,690	1,720
Core bulky goods	904	876	901	923	940	957
Ancillary bulky goods	1,033	1,001	1,030	1,055	1,075	1,094
Hardware	710	690	716	741	763	786
Takeaway liquor	304	296	309	323	335	347
Fast food & take-away food	753	733	766	799	829	860
Total Grocery & Specialty	7,428	7,218	7,500	7,776	8,017	8,263
Total Bulky Goods	2,647	2,567	2,646	2,719	2,778	2,837
Total	10,075	9,785	10,146	10,496	10,795	11,100
Kempsey Shire						
Groceries & take home food	13,109	12,879	13,733	14,705	15,749	16,888
Dining & take away food	6,487	6,368	6,790	7,271	7,787	8,350
Clothing, footwear & apparel	4,527	4,423	4,642	4,882	5,134	5,401
Personal & other goods	7,084	6,935	7,276	7,653	8,047	8,467
Core bulky goods	3,888	3,812	3,999	4,206	4,423	4,654
Ancillary bulky goods	4,494	4,398	4,614	4,853	5,103	5,369
Hardware	3,088	3,030	3,207	3,409	3,624	3,856
Takeaway liquor	1,323	1,299	1,385	1,483	1,588	1,703
Fast food & take-away food	3,051	2,975	3,163	3,376	3,601	3,846
Total Grocery & Specialty	32,531	31,906	33,827	35,994	38,305	40,808
Total Bulky Goods	11,470	11,240	11,821	12,468	13,150	13,879
Total	44,001	43,145	45,648	48,462	51,454	54,687