



**Western Cape
Government**

Environmental Affairs and
Development Planning

BETTER TOGETHER.



BERGRIVIER IDP SUPPORT

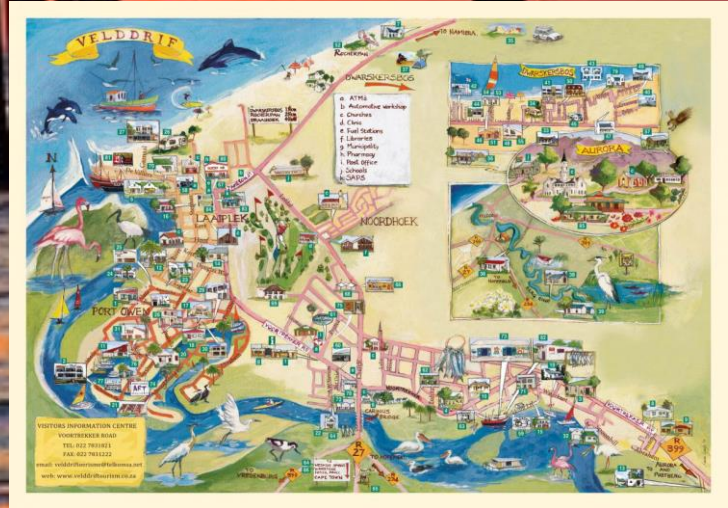
Directorate: Planning Intelligence Management & Research

Working session with IDP Representative Forum



27 October 2016

BERGRIVIER IS A BEAUTIFUL MUNICIPALITY WITH HUGE AMOUNTS OF POTENTIAL



REALITY CHECKS & PERSPECTIVE

▶ SOUTH AFRICA

▶ PROVINCIAL

▶ POLICIES

▶ REGIONAL

▶ MUNICIPAL
PERSPECTIVE

▶ EDUCATION

▶ HEALTH

▶ POVERTY

▶ SERVICE DELIVERY

▶ SAFETY &
SECURITY

▶ THE ECONOMY

▶ THE
ENVIRONMENT



SOUTH AFRICA PERSPECTIVE



DEBT...



....and counting....

<http://www.nationaldebtclocks.org/debtclock/southafrica>

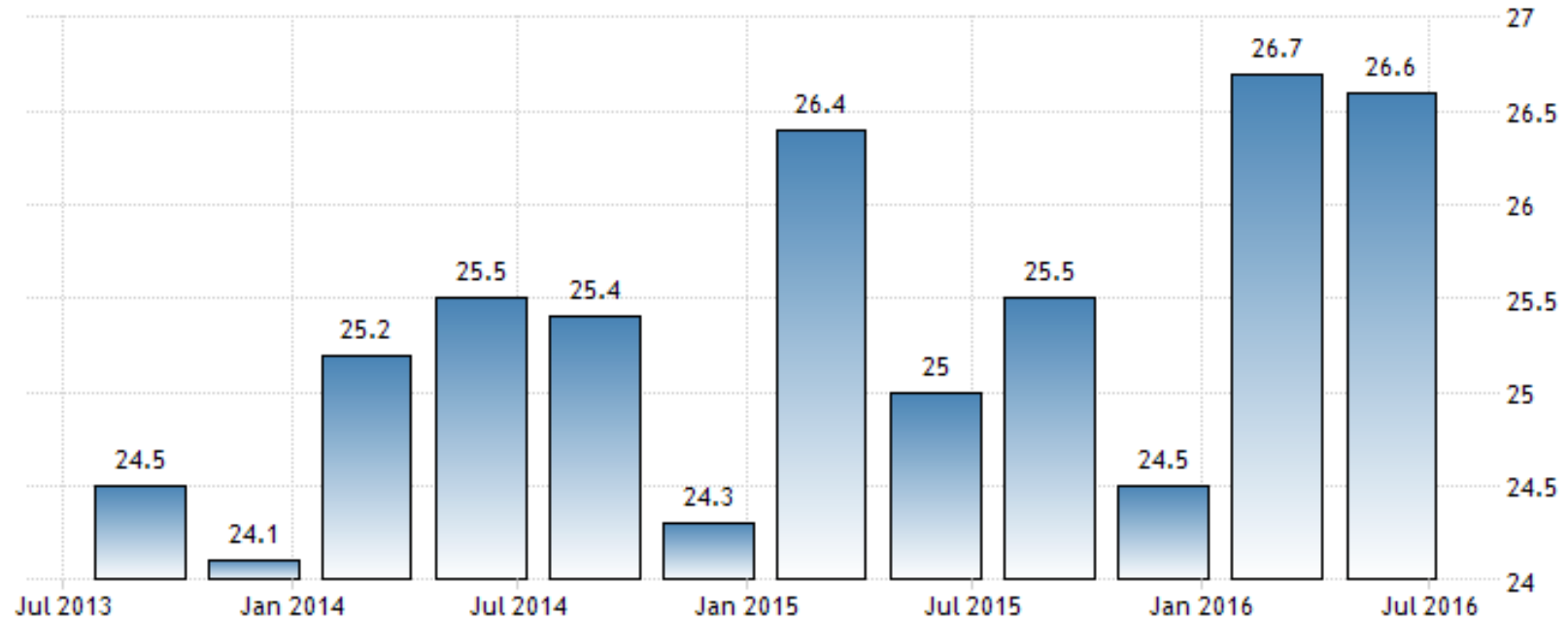
GLOBAL
SEA LEVEL RISE...



....and rising....

<http://geology.com/sea-level-rise/>

UNEMPLOYMENT RATE...



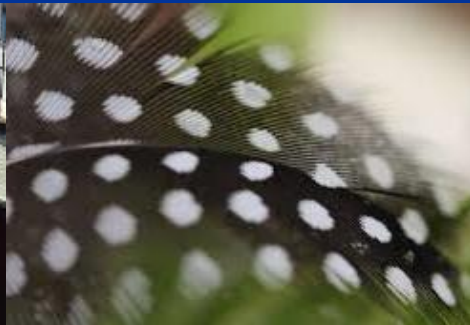
SOURCE: WWW.TRADINGECONOMICS.COM | STATISTICS SOUTH AFRICA

In South Africa, unemployment rate measures number of people actively looking for a job as percentage of labour force. Expanded definition includes people who have stopped looking for work (increased slightly to 36.4% from 36.3 %, in 2ND quarter of 2016.

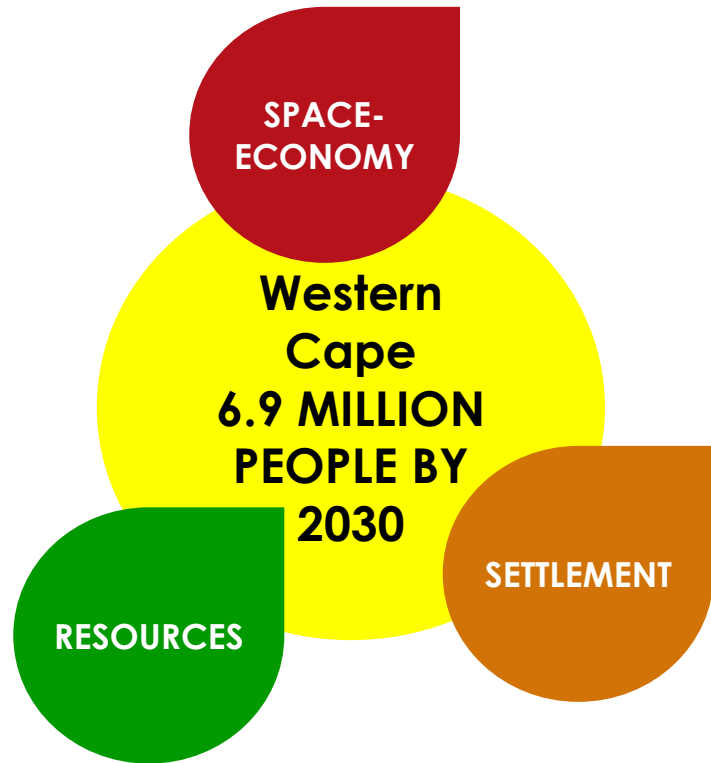
<http://www.tradingeconomics.com/south-africa/unemployment-rate>



PROVINCIAL PERSPECTIVE



PROVINCIAL PERSPECTIVE



WC POPULATION GROWTH & PROJECTIONS: 2011-2040

Highest Actual Growth outside CoCT:

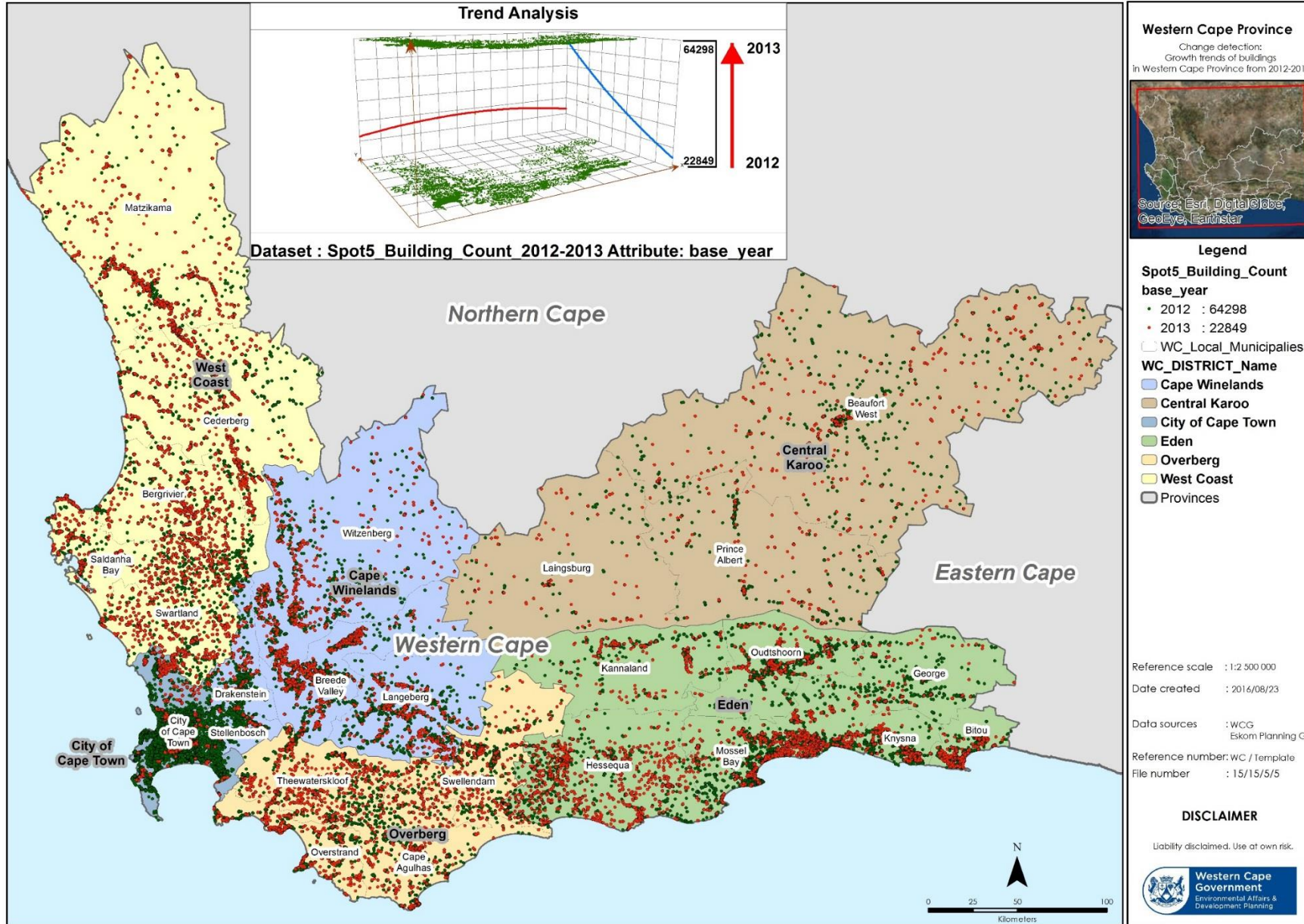
- ① Drakenstein
- ② Stellenbosch
- ③ George

Highest % Growth outside CoCT:

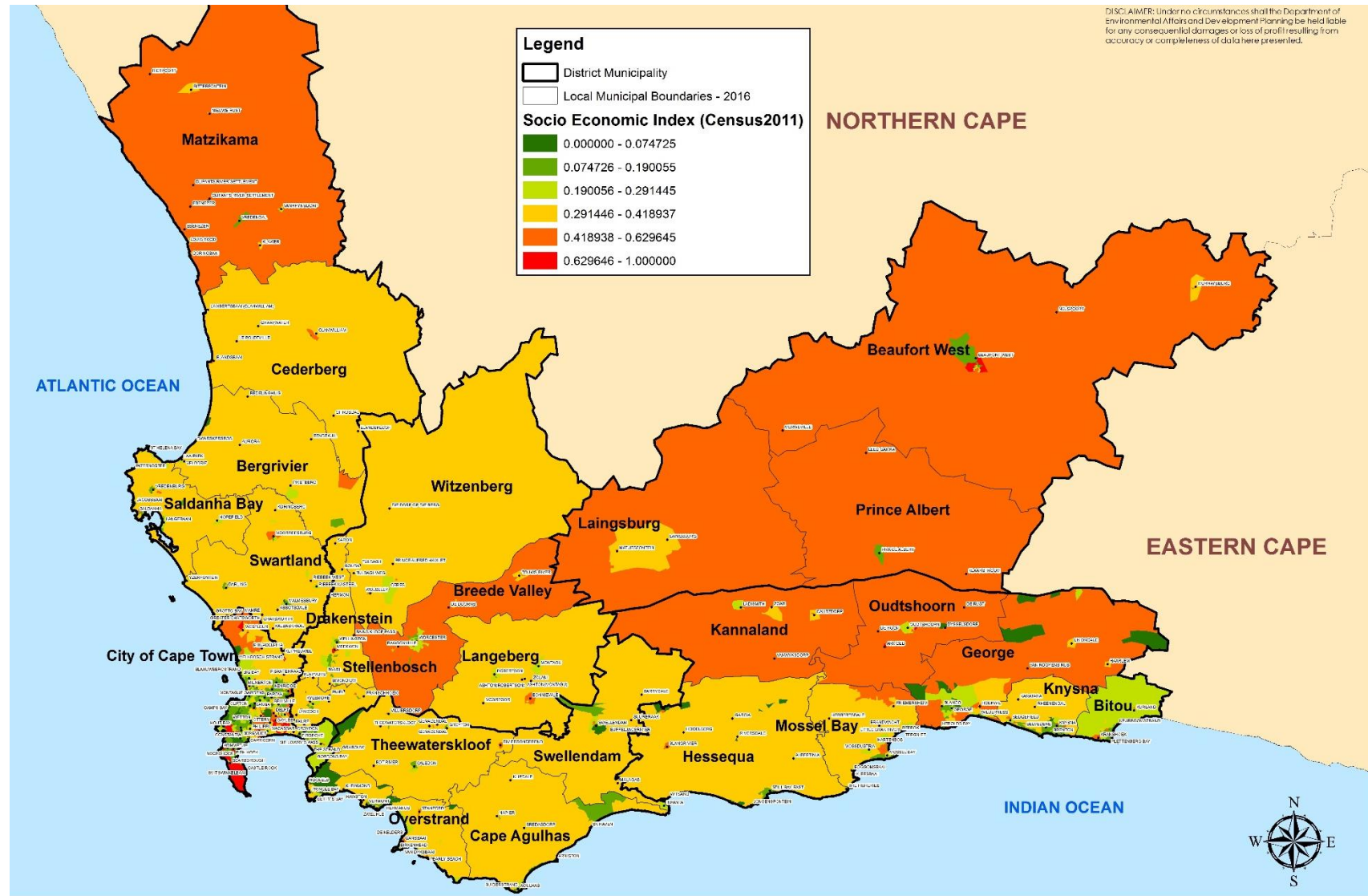
- ① Bitou
- ② Saldanha Bay
- ③ Overstrand

District	[Actual Growth] % Growth		
WCDM	Saldanha Bay ② [48,449] 1.38%	Swartland [35,650] 0.94%	Bergrivier [23,429] 1.11%
CWDM	<u>Drakenstein</u> ① [85,650] 0.98%	<u>Stellenbosch</u> ② [69,123] 1.23%	Witzenberg [38,876] 0.97%
ODM	Overstrand ③ [38,440] 1.36%	Theewaterskloof [33,287] 0.92%	Swellendam [9,390] 0.80%
EDM [Note: Oudtshoorn [-5538]	<u>George</u> ③ [62,616] 0.97%	Mosselbay [33,605] 1.11%	Bitou ① [26,256] 1.49%
CKDM	Beaufort West [14,242] 0.87%	Prince Albert [3,509] 0.82%	Laingsburg [7] 0%

CHANGE DETECTION: SPOT BUILDING COUNT

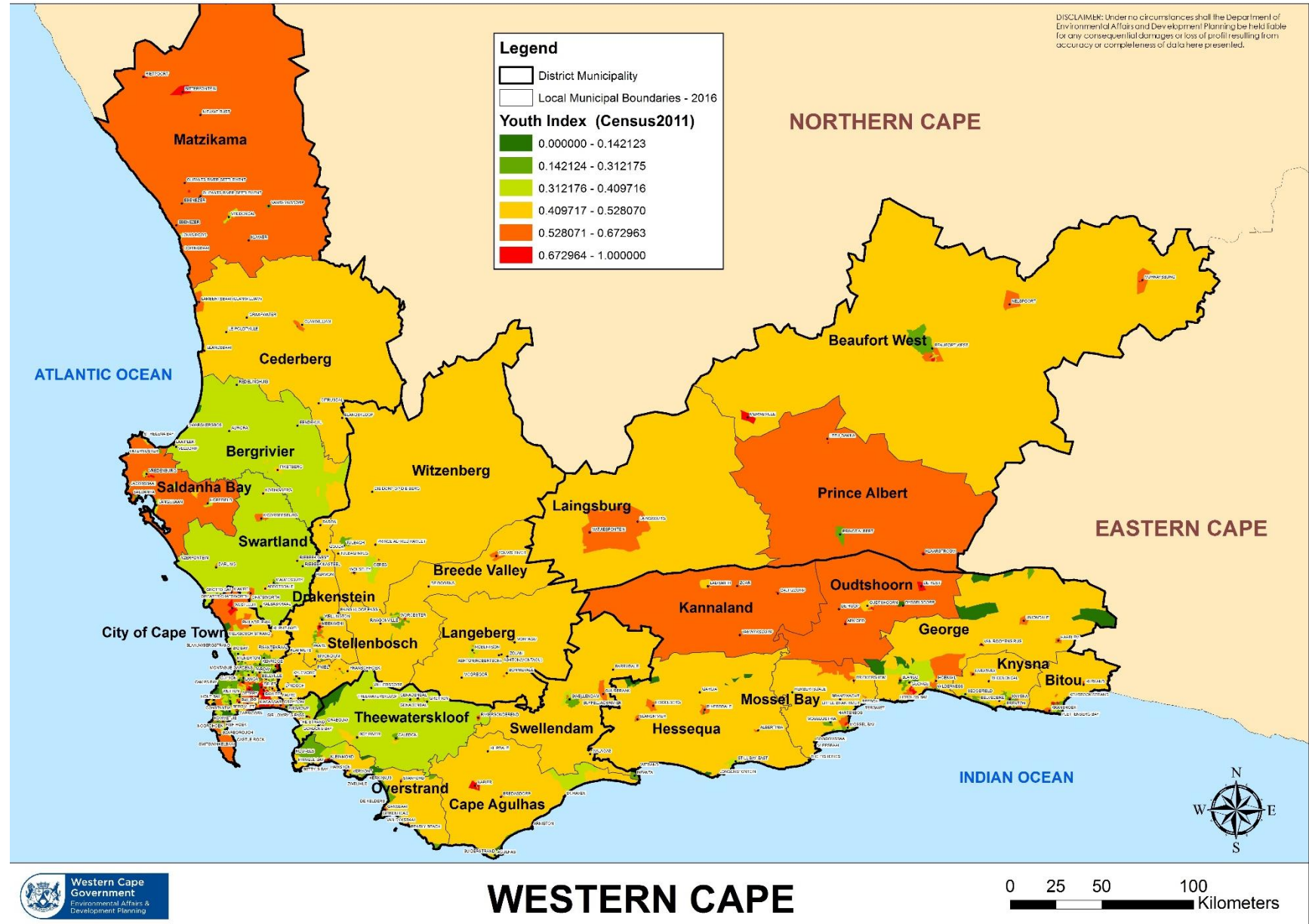


SOCIO-ECONOMIC INDEX



DISCLAIMER: Under no circumstances shall the Department of Environmental Affairs and Development Planning be held liable for any consequential damages or loss of profit resulting from accuracy or completeness of data here presented.

YOUTH INDEX



PROVINCIAL POLICIES

WHAT DO THE PSDF & GPS SAY ABOUT BERGRIVIER?

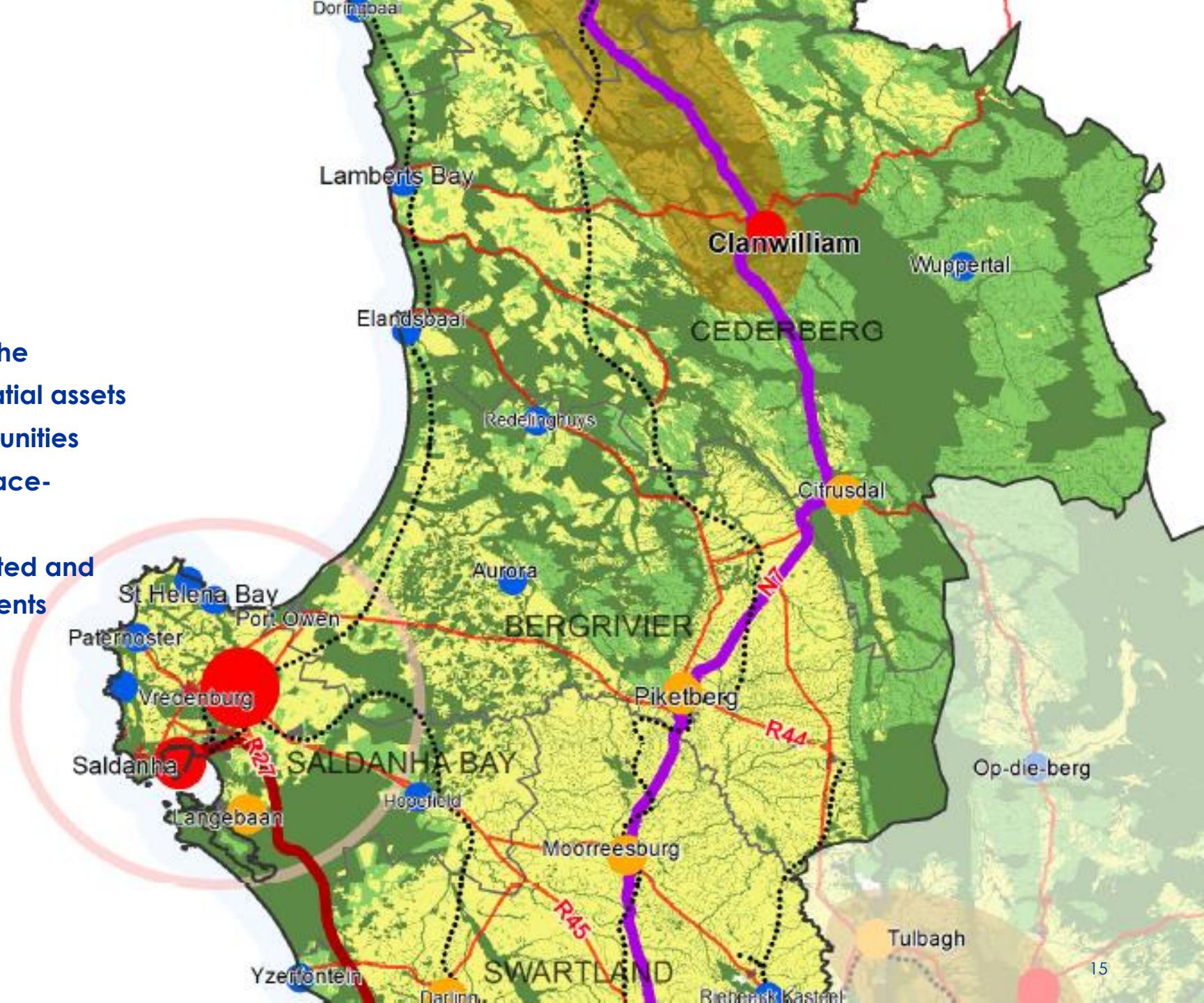


PSDF on Bergrivier

PROVINCIAL SPATIAL DEVELOPMENT FRAMEWORK



- Sustainable use of the Western Cape's spatial assets
- Opening-up opportunities in the Provincial space-economy
- Developing integrated and sustainable settlements

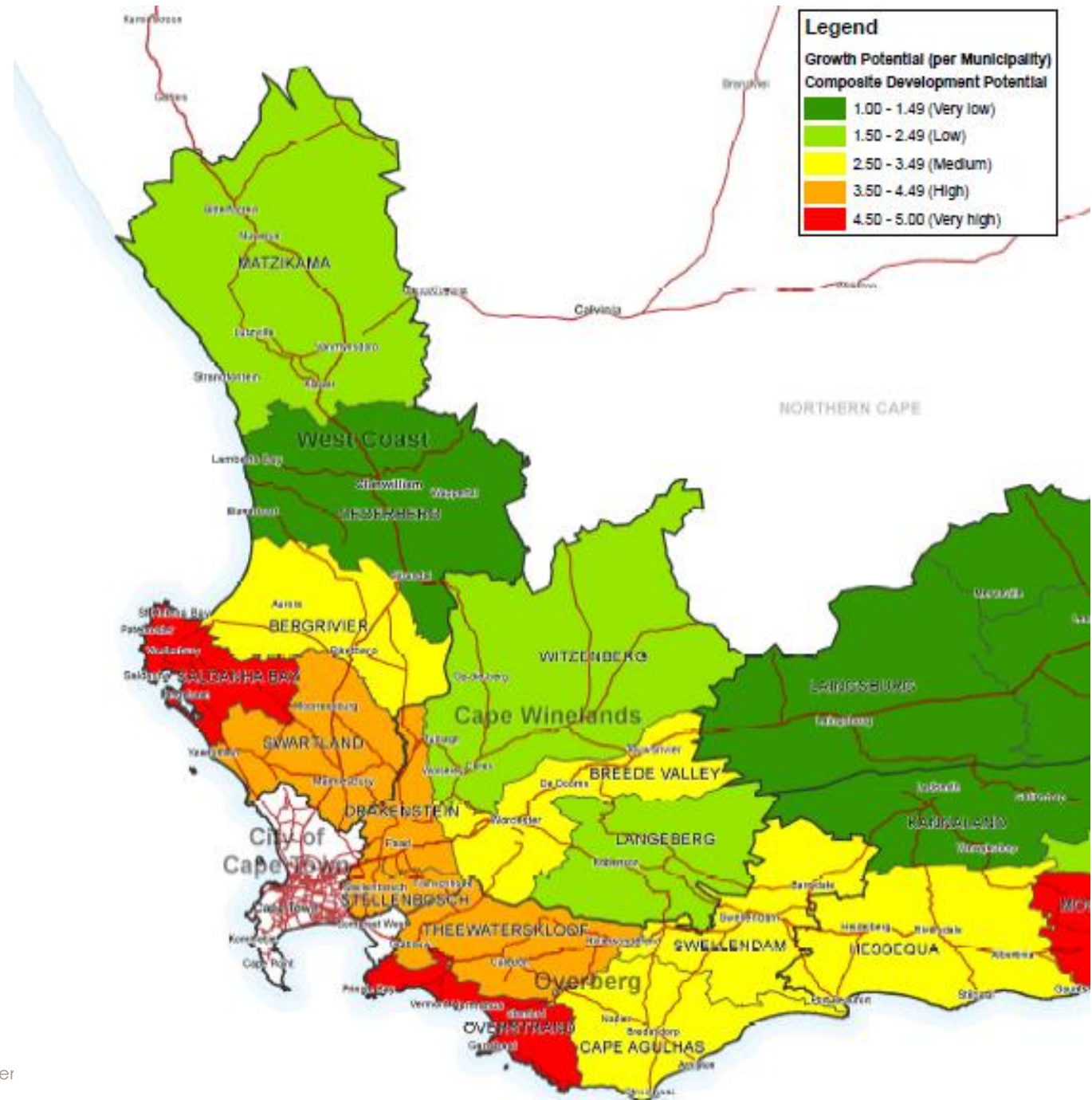


GPS on BERGRIVIER

GROWTH POTENTIAL STUDY OF TOWNS

West Coast “Big Ideas”

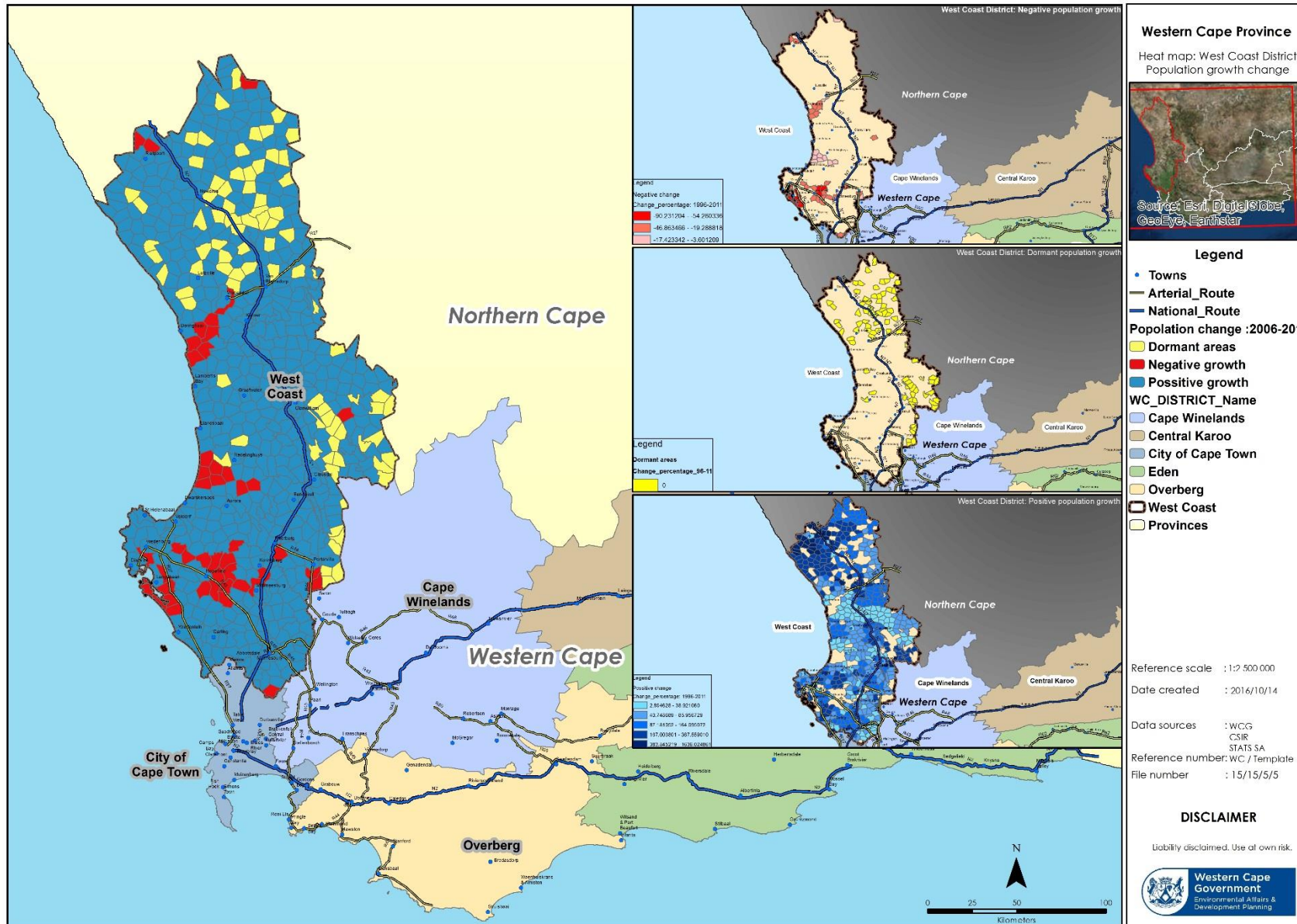
- ❖ Alternative Energy Use
- ❖ Expansion of primary economic activities together with value add
- ❖ Tourism expansion
- ❖ Infrastructure development
- ❖ Business, marketing and skills development



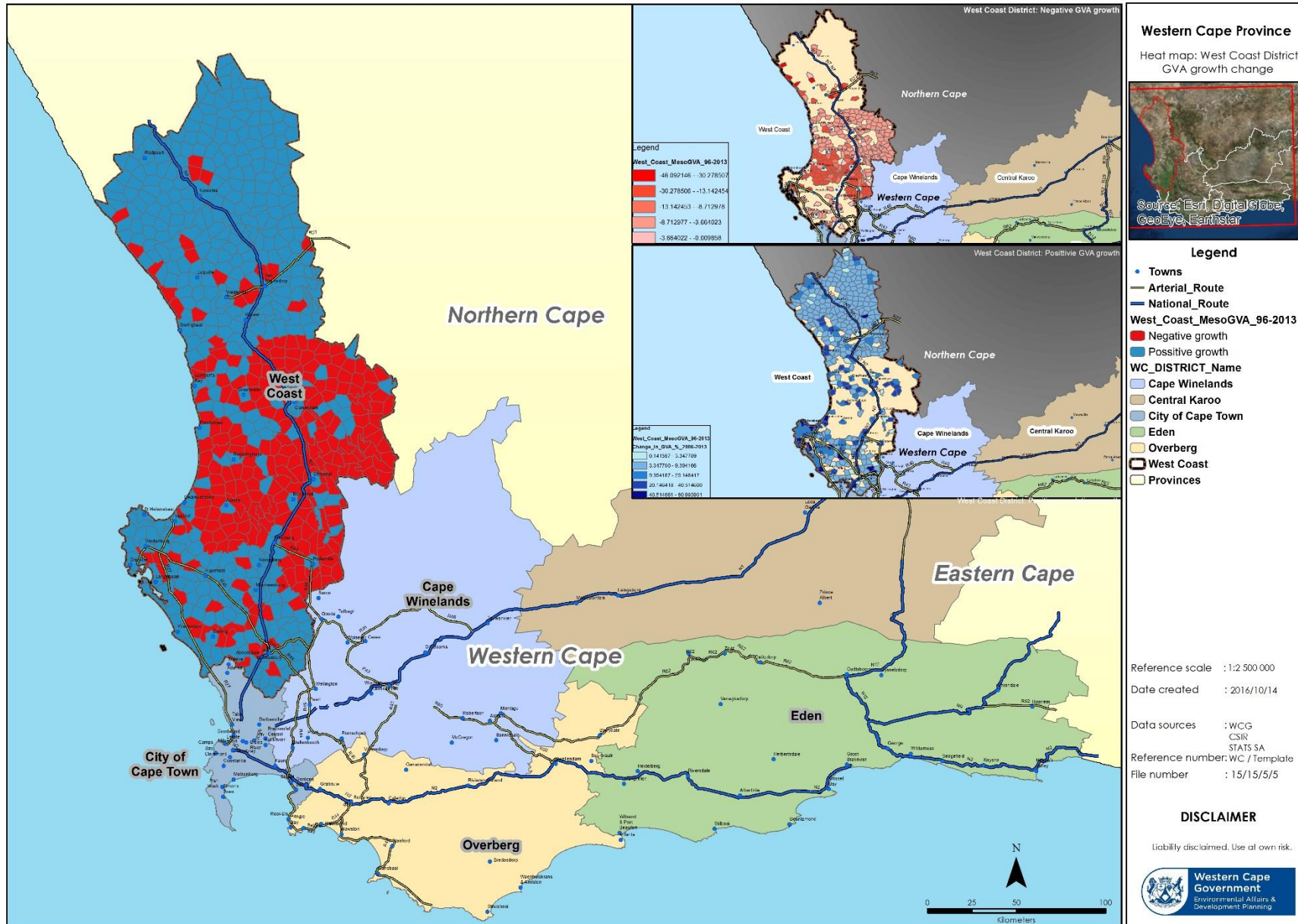
REGIONAL PERSPECTIVE



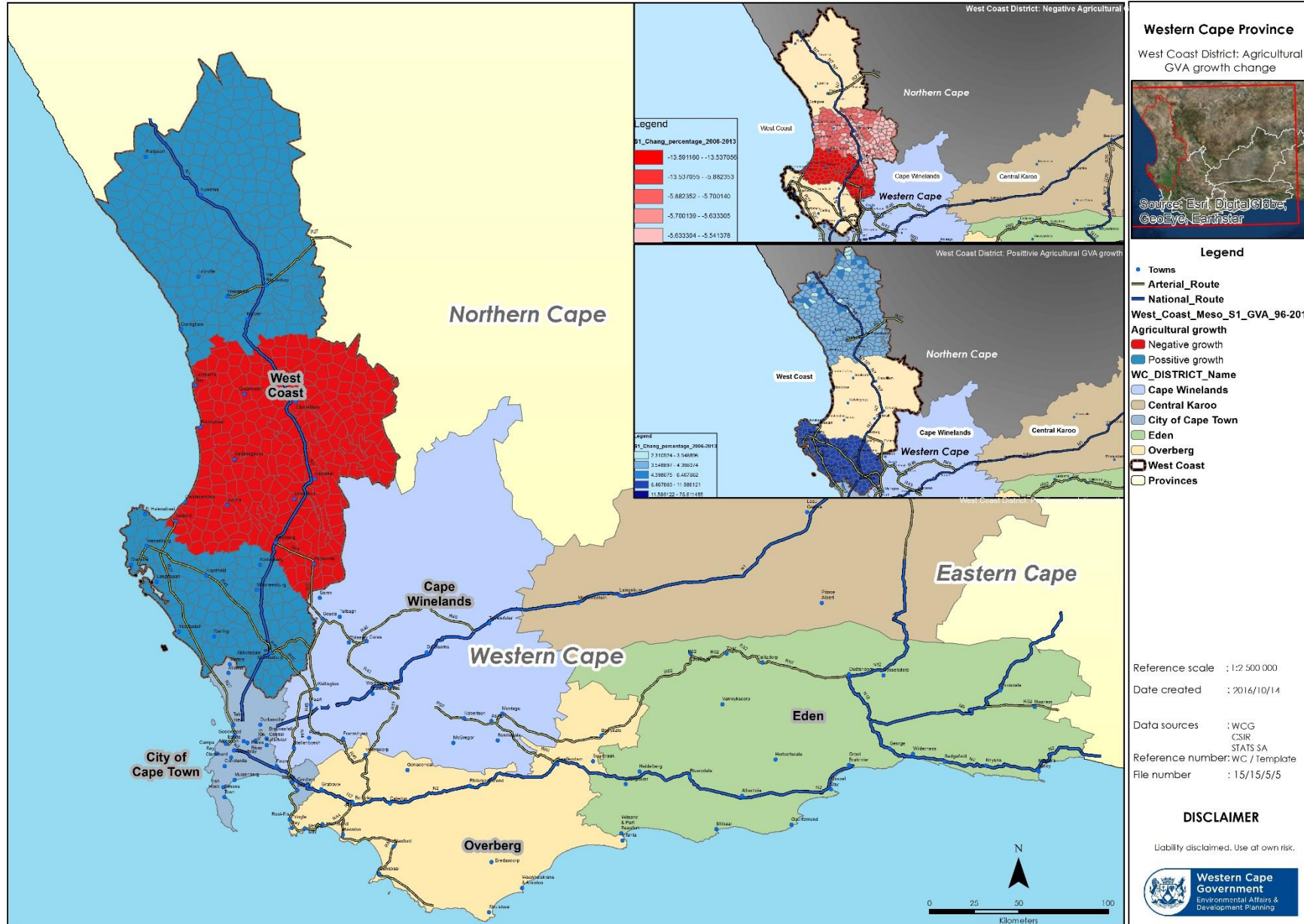
REGIONAL PERSPECTIVE



CHANGE IN POPULATION WEST COAST DISTRICT 2006 - 2011

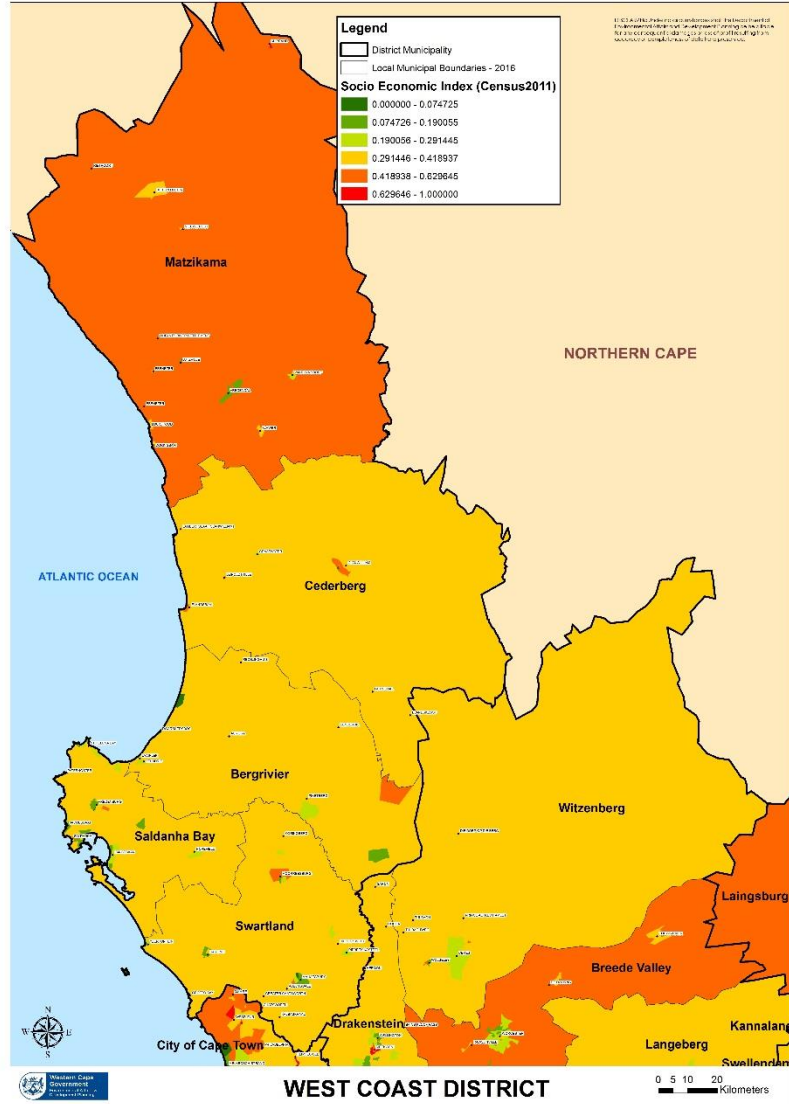


GVA GROWTH CHANGE WEST COAST DISTRICT 1996-2013

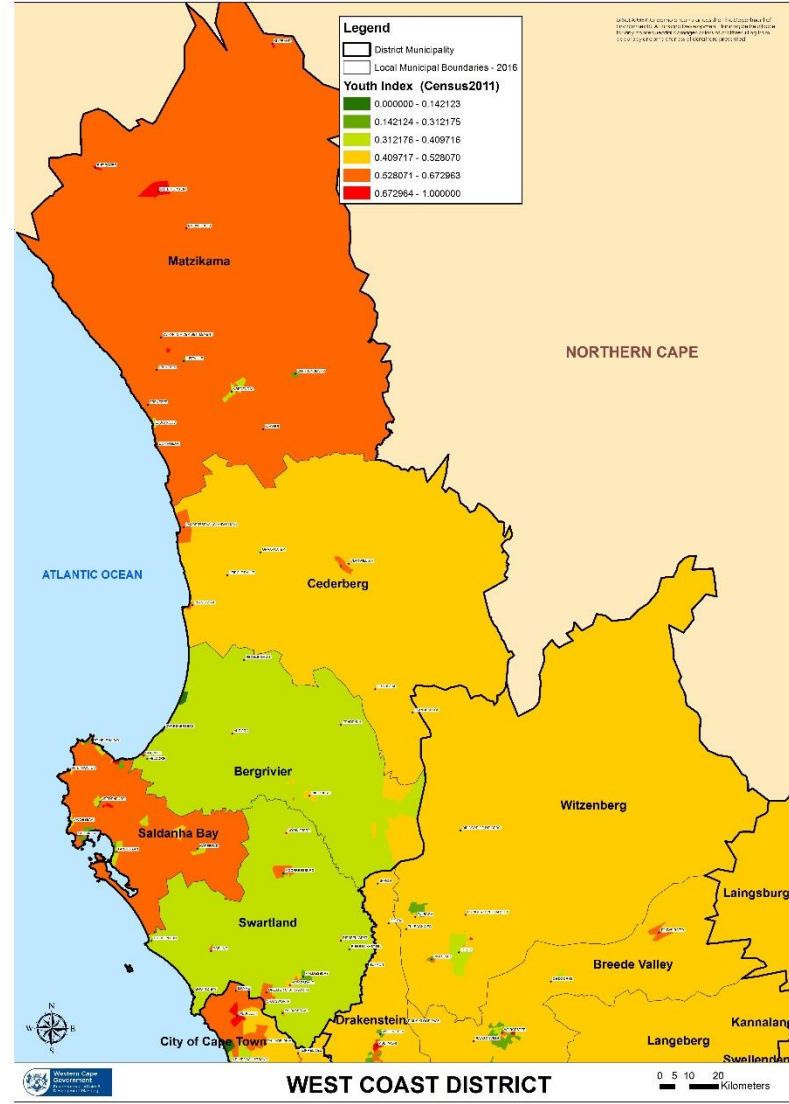


GVA GROWTH CHANGE: AGRICULTURE 1996-2013

SOCIO-ECONOMIC INDEX



YOUTH INDEX



AREAS OF CONCERN

- **Rising population & poor households**
- **Households with no income**
- **High unemployment rate and in-migration**
- **Cost of housing**
- **Informal dwellers**
- **Teenage pregnancies**
- **ART and TB patient loads**
- **Lower immunisation coverage**
- **Sustainability of service levels**
- **Shortage of relevant and appropriate human resource**
- **Water & other resources, including funding**
- **Increasing cost/ unaffordability of basic services**
- **Climate change & effect on agriculture**



MUNICIPAL PERSPECTIVE

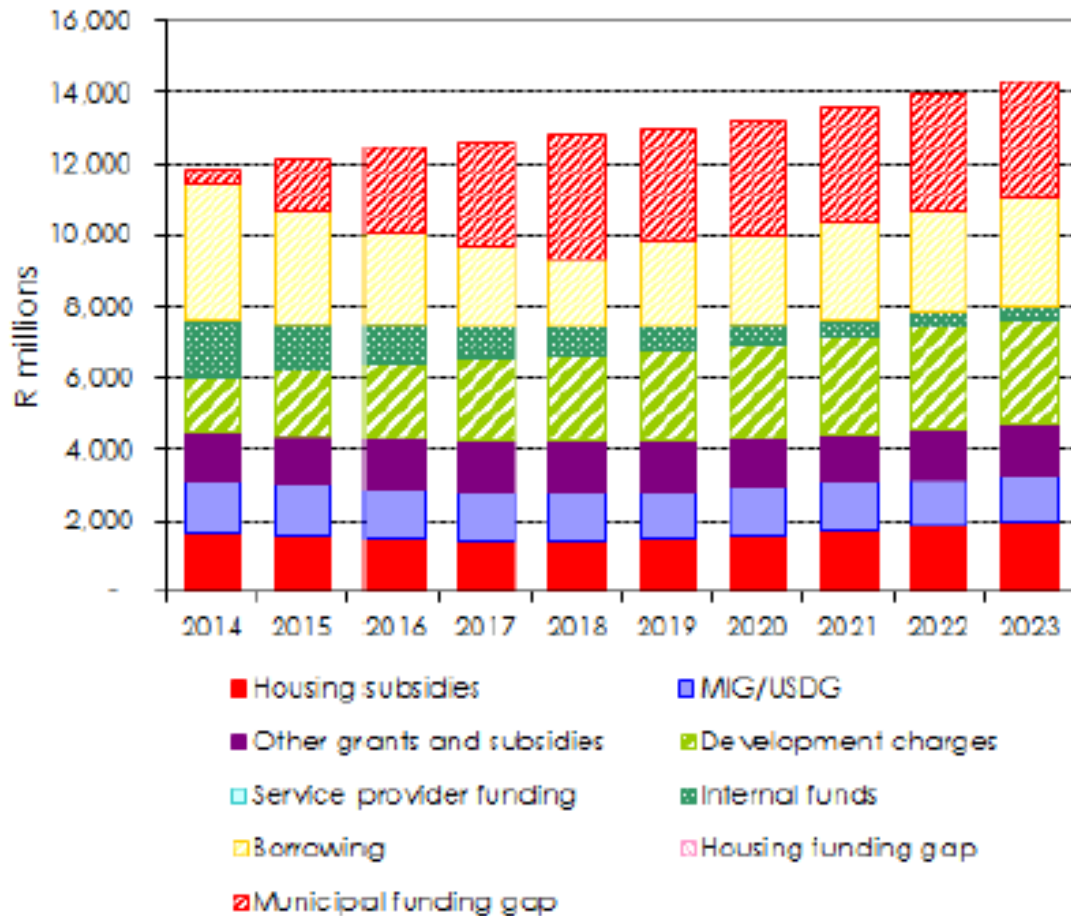


GENERAL

MUNICIPAL PERSPECTIVE

WC PSDF Municipal Financial Sustainability Specialist Study (2013)

Current sources of capital finance



● **R 24 billion** additional capital required over 10 years with major funding shortfalls

● Additional rates & tariff increases of up to **4%** p.a.

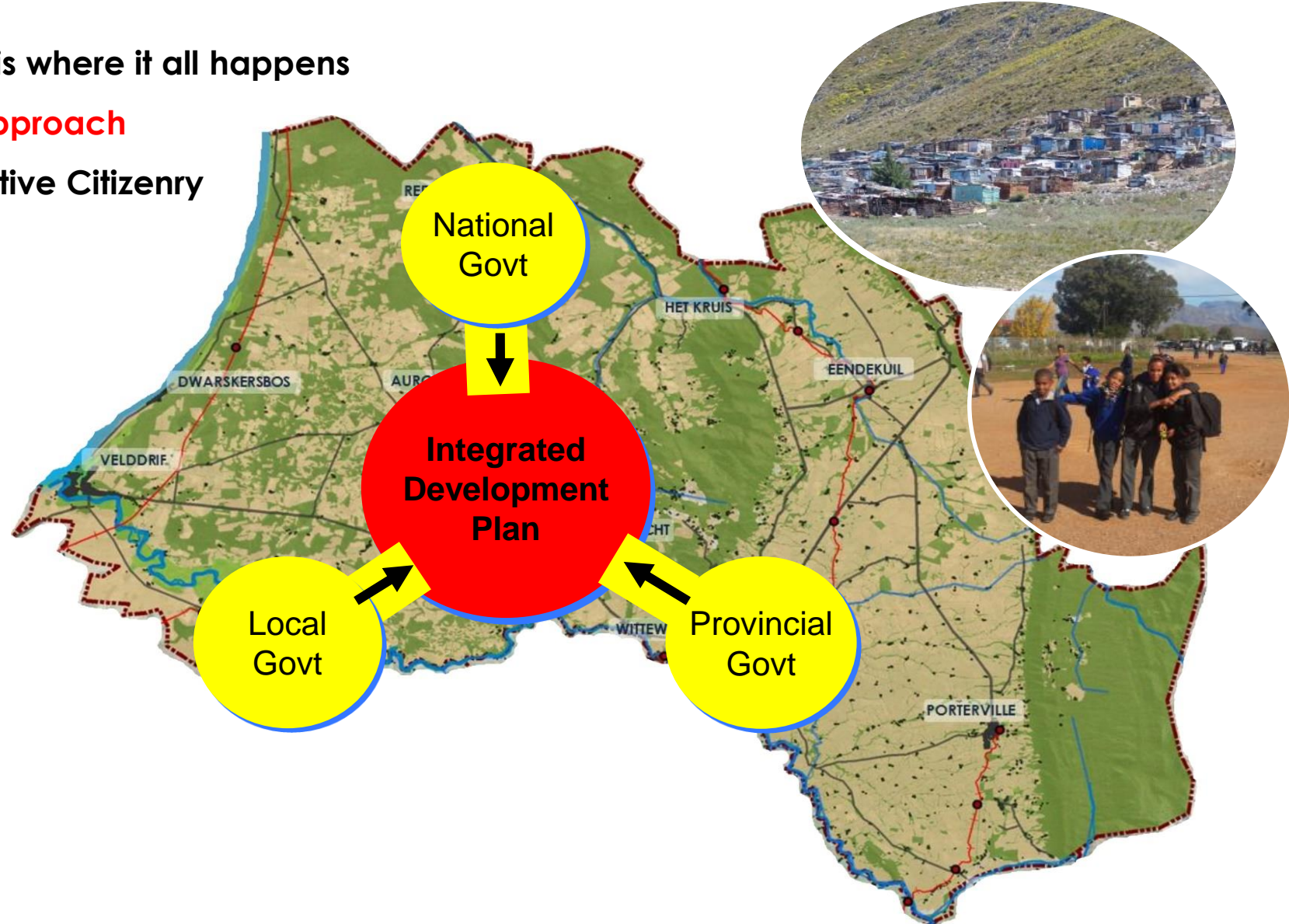
● Low income households having to pay up to **18%** more for transport

● **33%** average increase in CO₂ emissions from transport

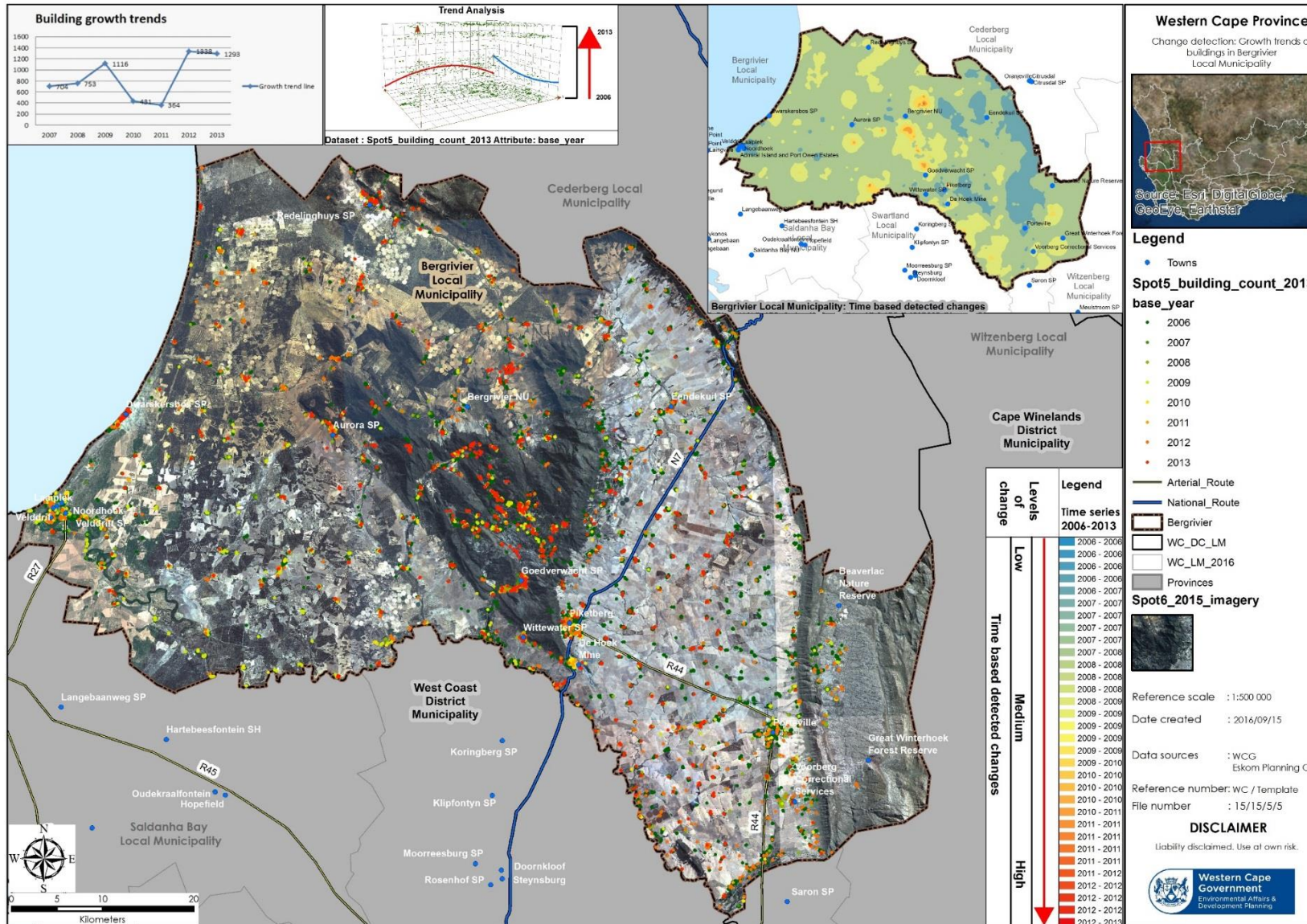
Increased costs to households contributing to poverty traps

ALL PLANS MANIFEST IN MUNICIPAL SPACE

- Local Government is where it all happens
- **Whole of Society Approach**
- Capable State / Active Citizenry

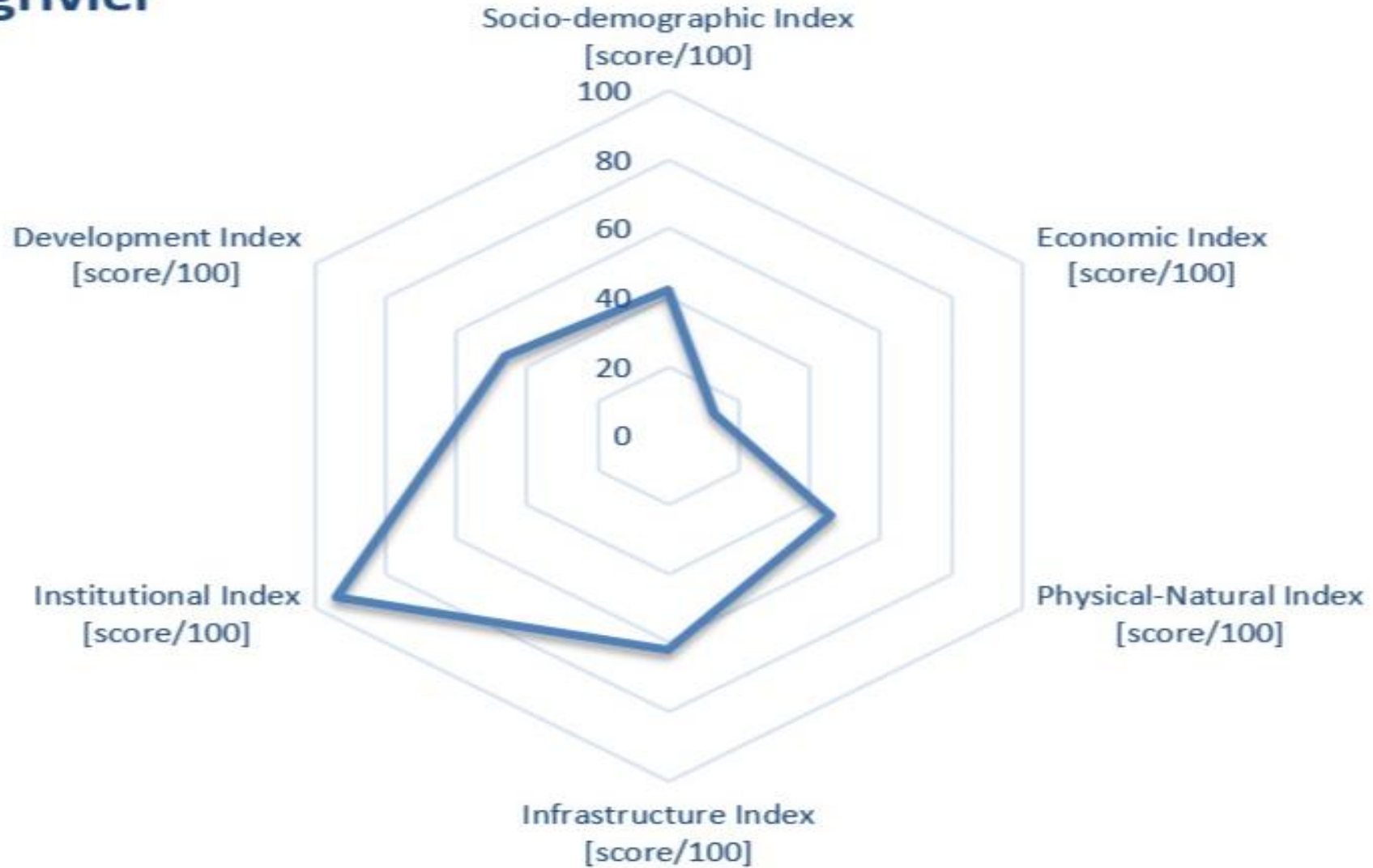


BERGRIVIER MUNICIPAL CHANGE DETECTION



BERGRIVIER GPS INDEX

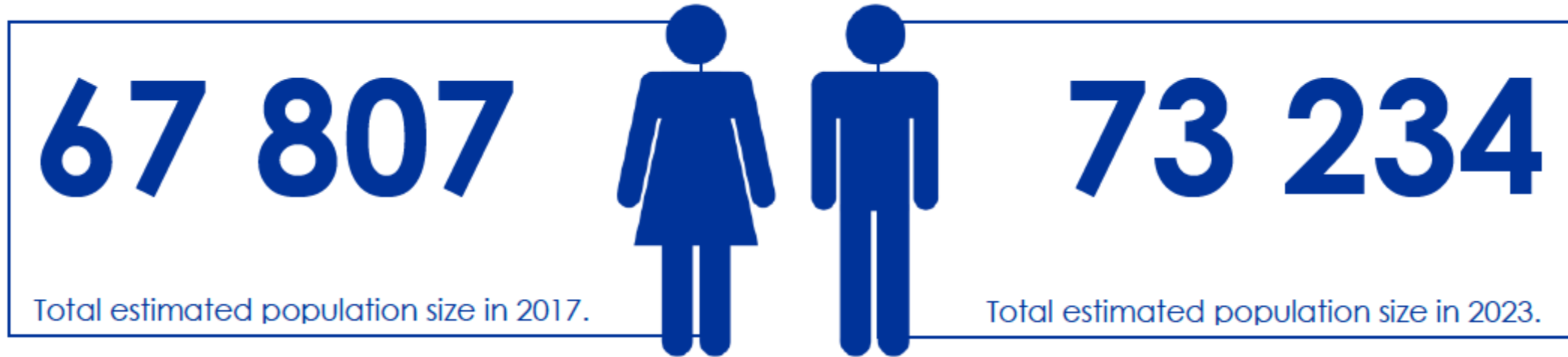
Bergrivier



DEMOGRAPHICS

DEMOGRAPHICS

Population



- Second smallest population in the West Coast District = 67 807 in 2017
- Estimated 73 234 by 2023 = 8% growth
- Male 49% Female 51%

DEMOGRAPHICS

Ward Population

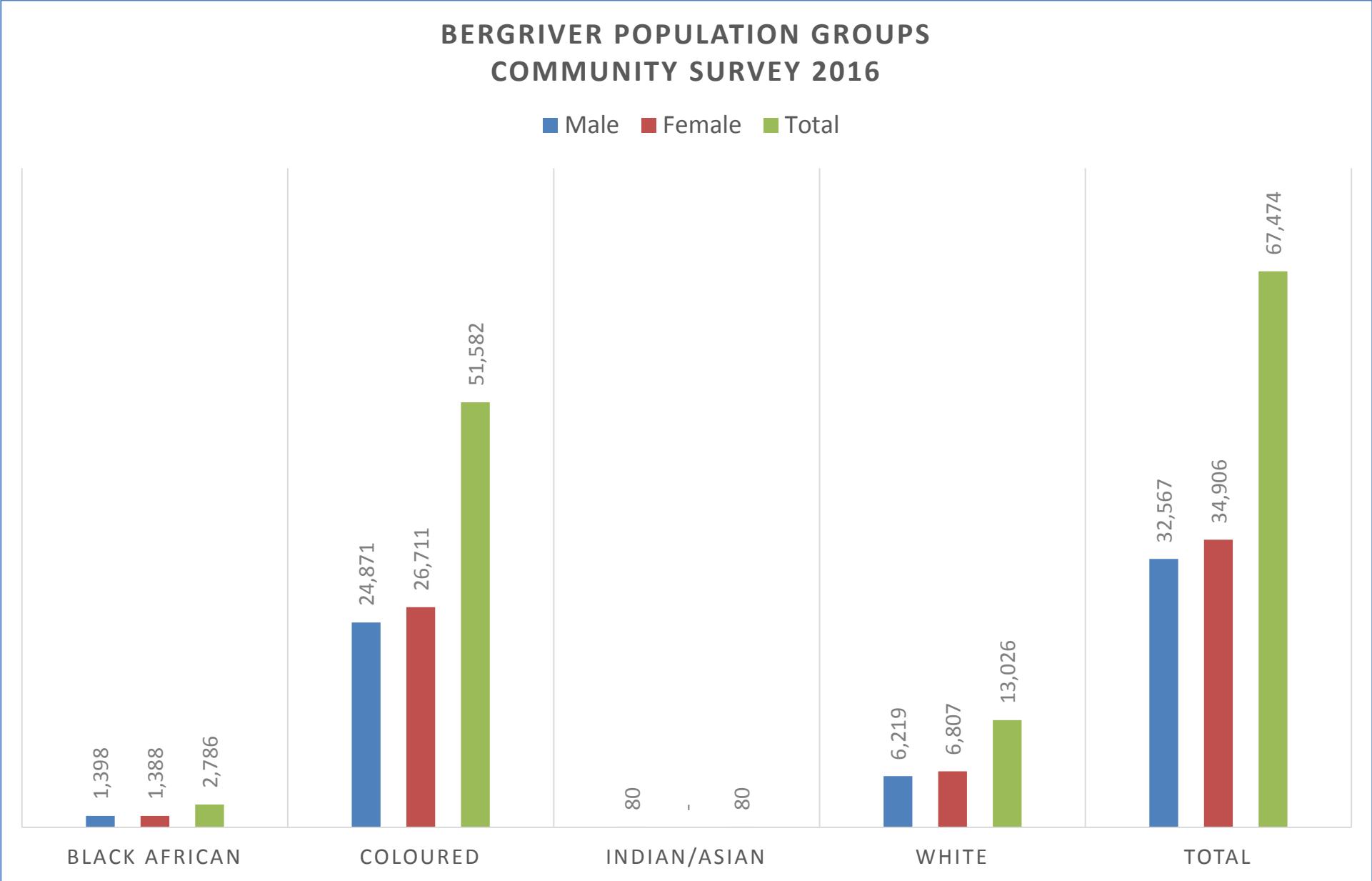
Town e.	2001 Cen.	2007 CS	2011 Cen.	2016 CS a.	diff. '01-'11	per annum	2011 size (%)
Aurora	342		578	663 c.	69.0%	5.4%	0.9%
Beaverlac	44 b.		59	64 c.	est. 33.6% b.	est. 2.9% b.	0.1%
De Hoek (PPC)	247 b.		330	360 c.	est. 33.6% b.	est. 2.9% b.	0.5%
De Lust	512 b.		684	746 c.	est. 33.6% b.	est. 2.9% b.	1.1%
Dwarskersbos	341		670	788 c.	96.5%	9.6%	1.1%
Eendekuil	841		1 530	1 777 c.	81.9%	6.2%	2.5%
Geodverwacht	1 407		1 979	2 184 c.	40.7%	3.5%	3.2%
Piketberg	9 271		12 075	13 079 c.	30.2%	2.7%	19.5%
Porterville d.	5 864		7 057	7 484 c.	20.3%	1.9%	11.4%
Redelinghuys	581		574	571 c.	-1.2%	-0.1%	0.9%
Velddrif d.	7 327		11 017	12 339 c.	50.4%	4.2%	17.8%
Wittewater	635 b.		849	925 c.	est. 33.6% b.	est. 2.9% b.	1.4%
<i>Bergrivier rural</i>	18 913		24 495	26 494 c.	29.5%	2.6%	39.6%
Bergrivier Muni.	46 325	44 741	61 897	67 474 r.	33.6%	2.9% g.	100.0%
<i>All Settlements</i>	27 412		37 402	40 980	36.4%	3.2%	60.4%

no data on Main Place in the
Community Survey 2007

- Relatively large & stable rural population (39,6% in 2011)
- Not much change in rural population in period 2001-2011
- Population growth slowed down from 2.6% in 2001-2011 to 1.7% p/a in period 2011 – 2016

DEMOGRAPHICS

Race Groups





In order to ensure basic service delivery to all, municipal budget allocations should be informed by credible and accurate assumption regarding the number of households within a municipal area.

According to Census 2011, there were **16 275** households within the greater Bergrivier region in 2011. As per the 2016 Community Survey estimates, the number of household increased to **19 072** in 2016.

DEMOGRAPHICS

Households

	cen. 1996	Cen. 2001	CS 2007	Cen. 2011 ^{e.}	CS 2016 ^{e.}
Population	37 052	46 325 ^a	44 741 ^a	61 897	67 474
Youth (16-34yrs)	no data	no data	no data	20 589	22 162
Households	8 887 ^{d.}	11 706 ^{b.}	12 197	16 275	19 072
Household size	4.2 ^{d.}	4.0	3.7	3.8	3.5
Formal house (%)	91.3	93.4 ^c	91.8 ^{c.}	93.4	91.7
Informal house (%)	no data	2.1 ^c	4.3 ^{c.}	3.6	5.6

Notes

a. Community Survey 2007: p7 /.pdf p14

b. p8 / .pdf. p15

c. p10 / .pdf p17

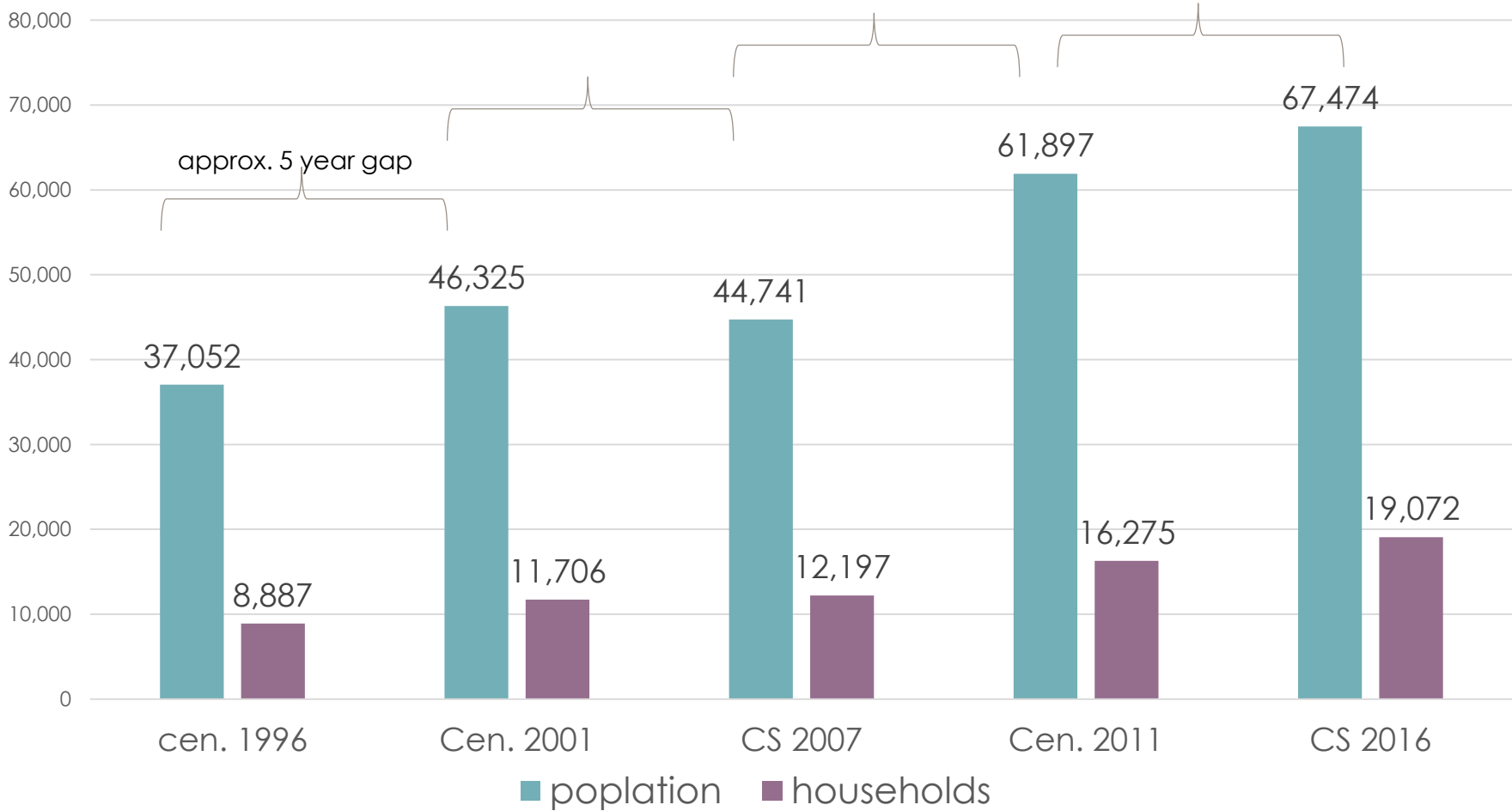
d. Calculated from Stats SA pop. & % per ward 1996.

e. Community Survey 2016 "Provinces at a glance".

source: Stats SA

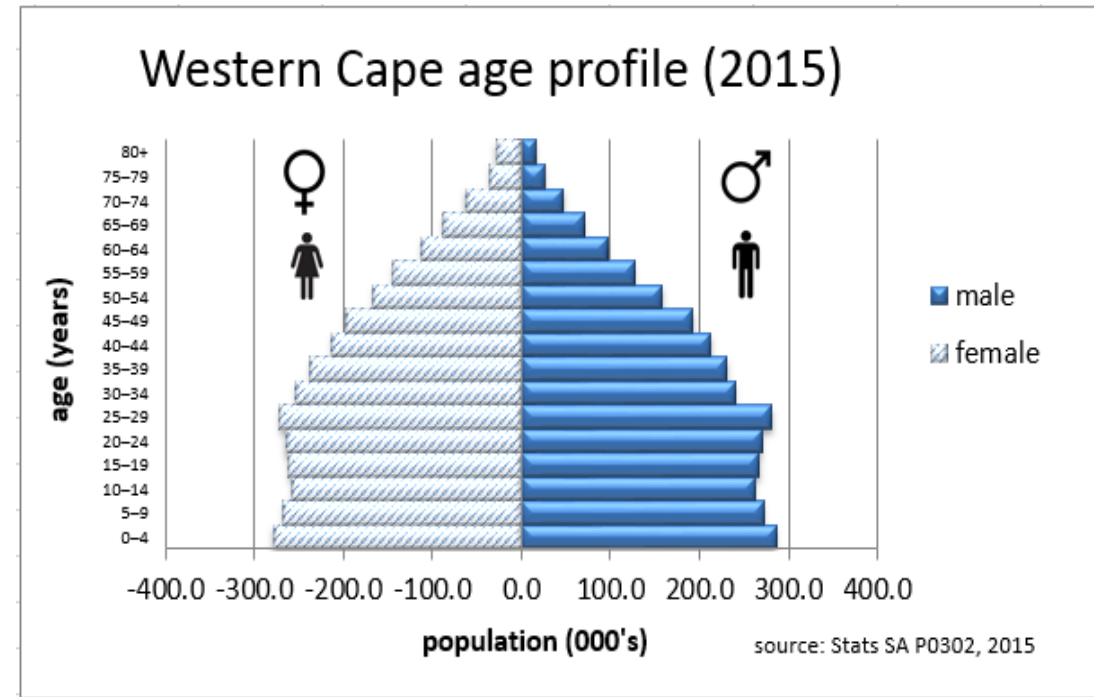
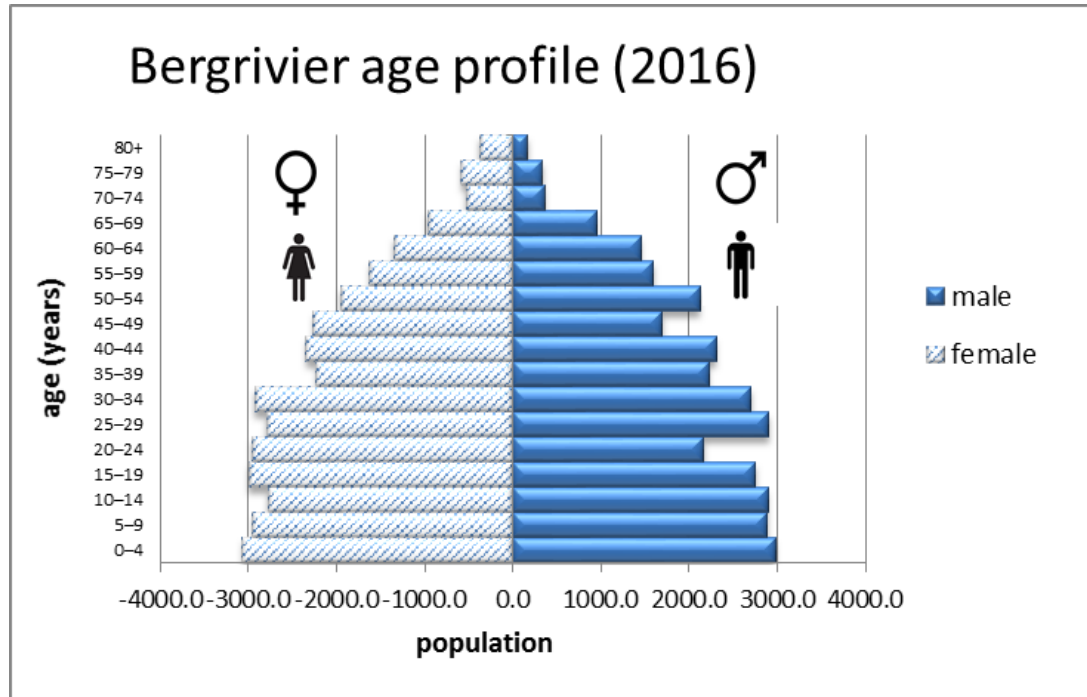
DEMOGRAPHICS

Households



DEMOGRAPHICS

Age Groups

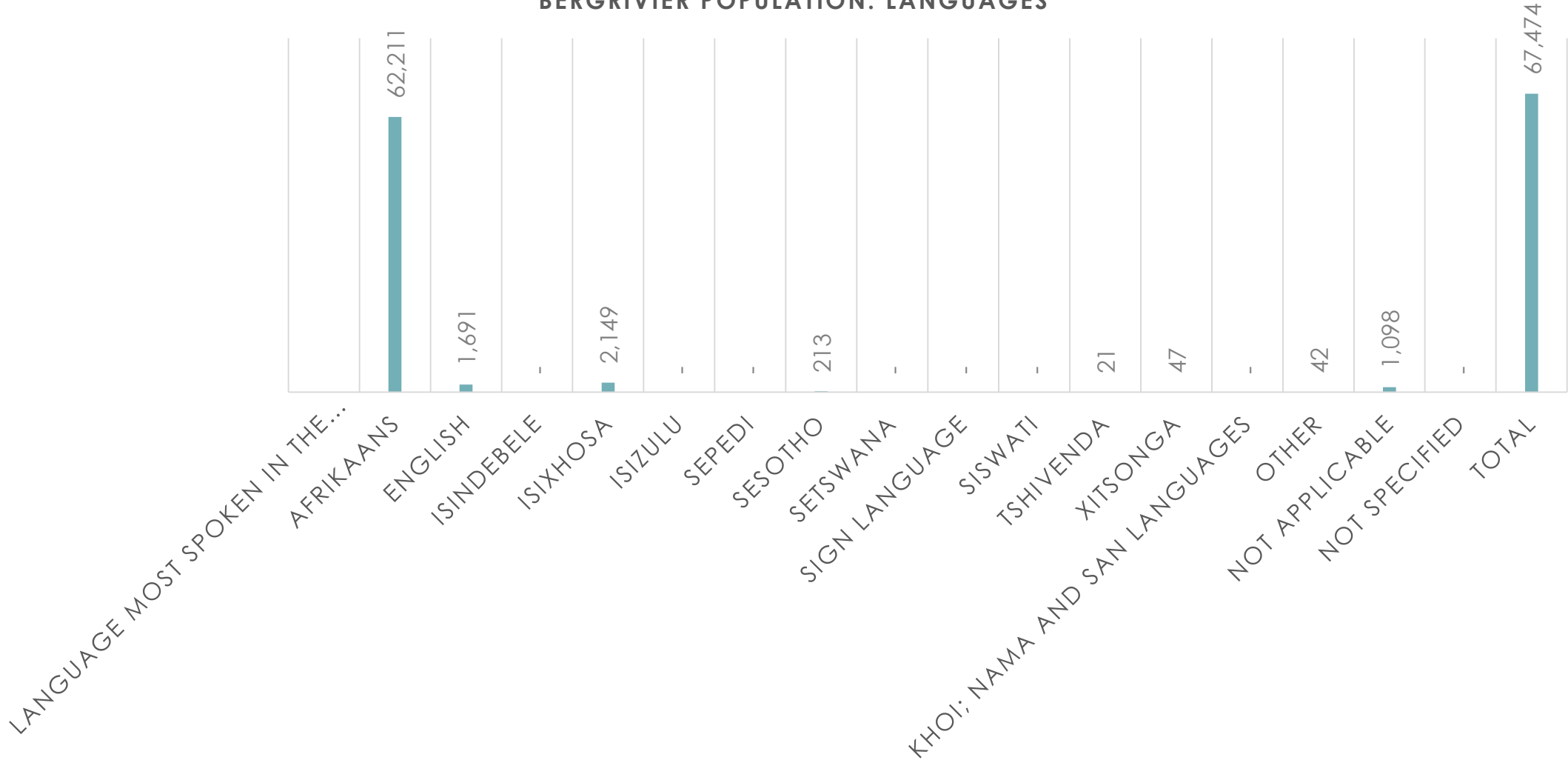


- Decline in men in mid-20's and later 40's.
- Decline in women in late 30's.
- What are the reasons for this?

DEMOGRAPHICS

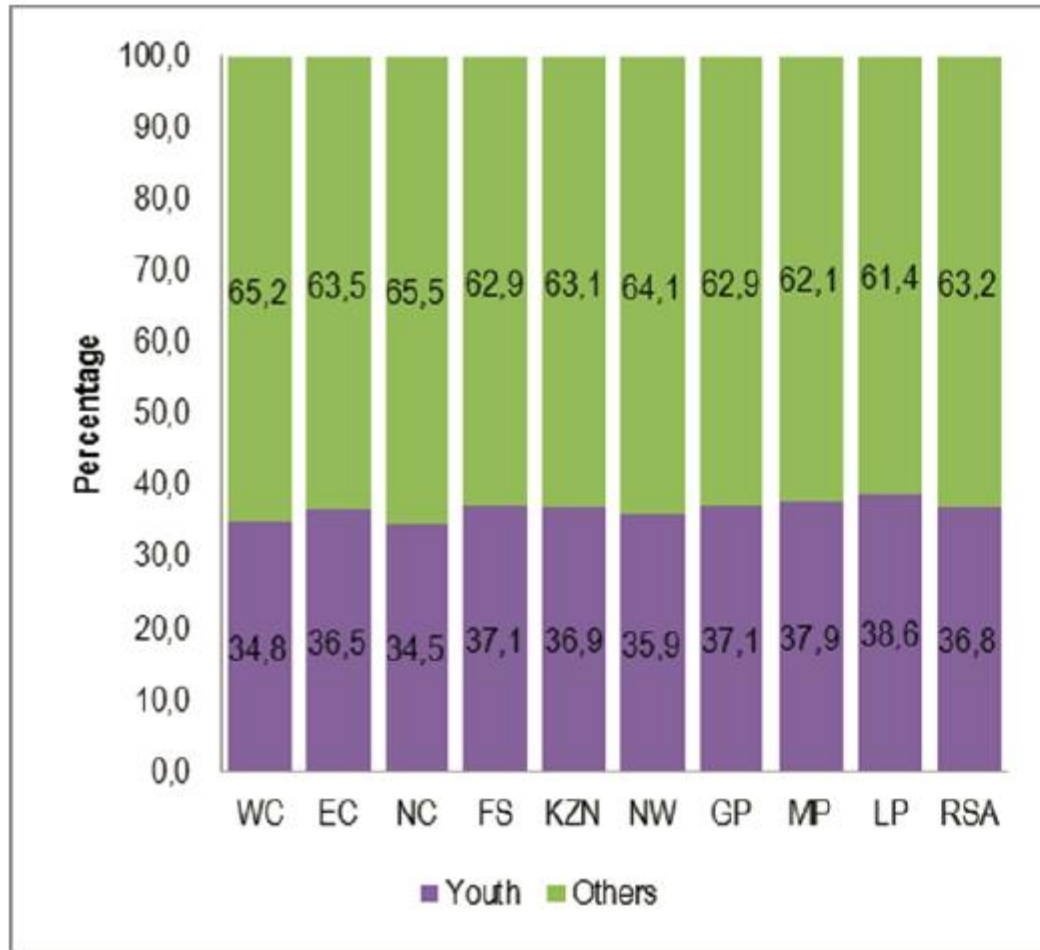
Language

BERGRIVIER POPULATION: LANGUAGES

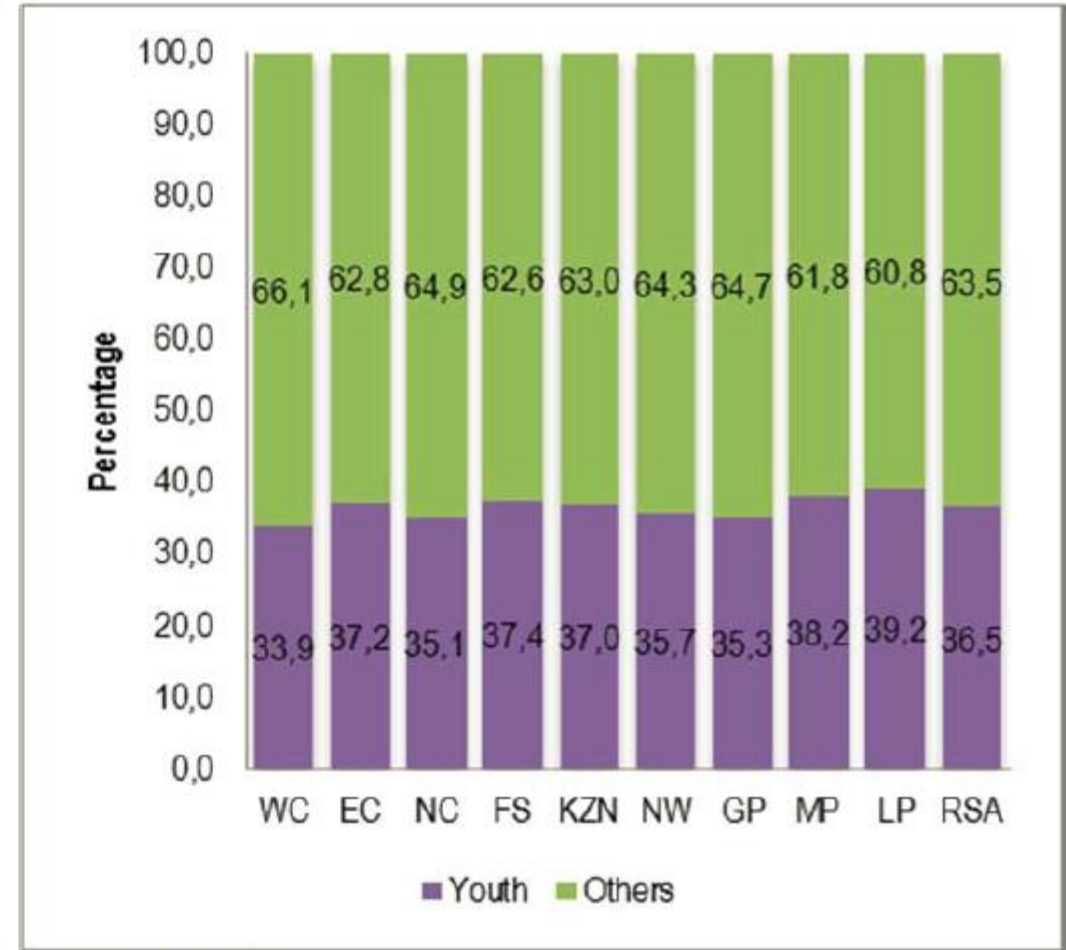


RSA YOUTH: A VULNERABLE GROUP

Percentage distribution of youth by province, 2009 and 2014

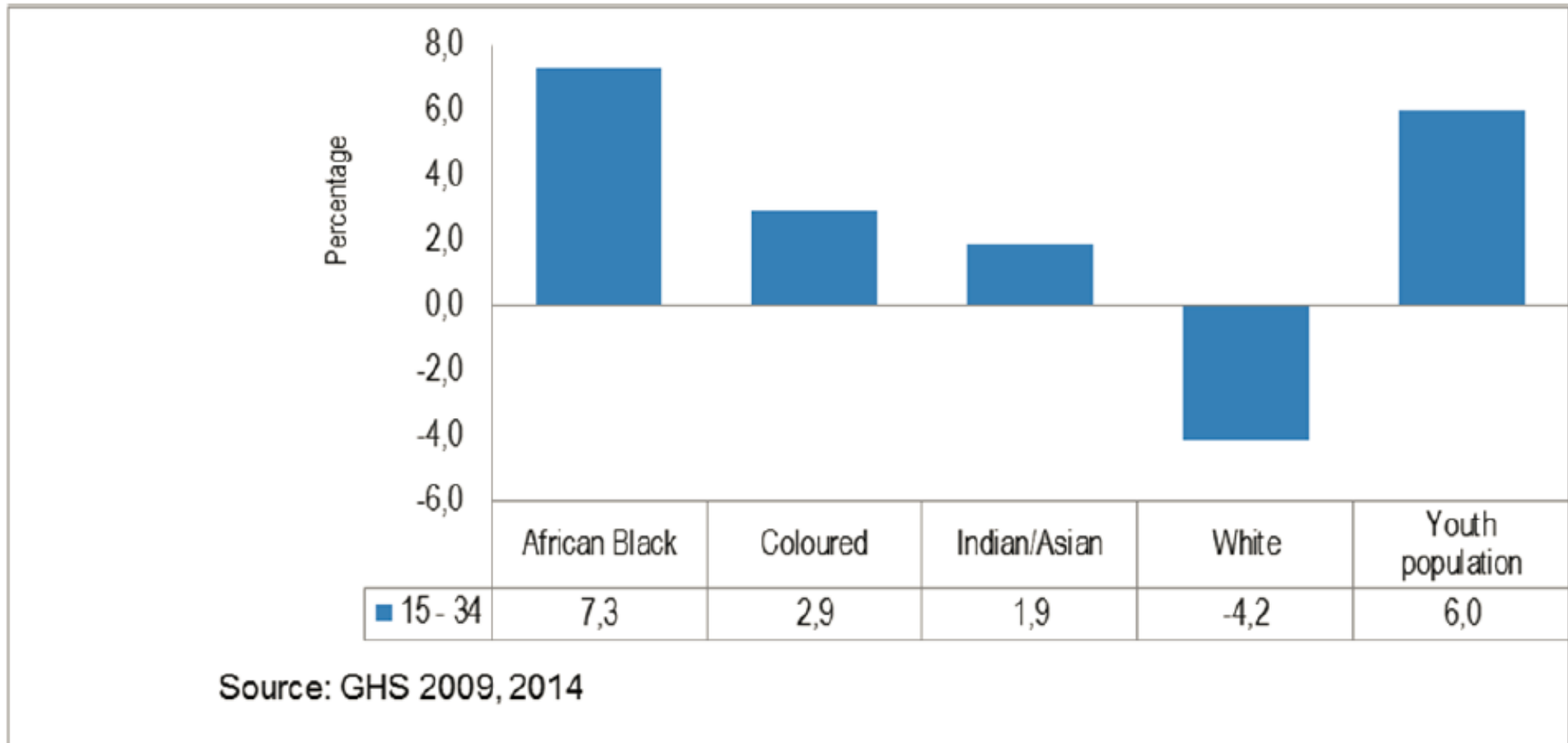


Source: GHS 2009

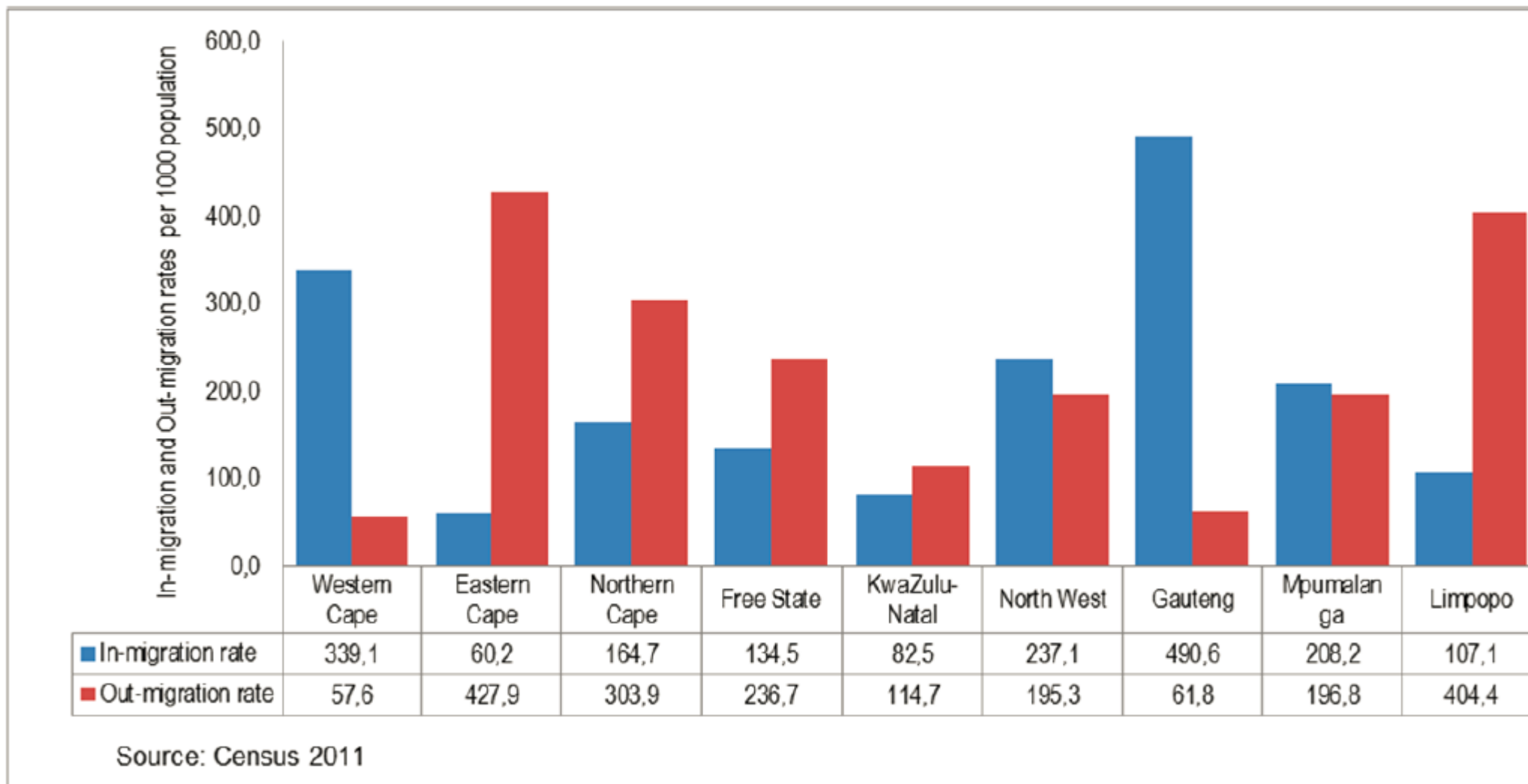


Source: GHS 2014

Percentage growth of youth population among population groups, 2009 and 2014



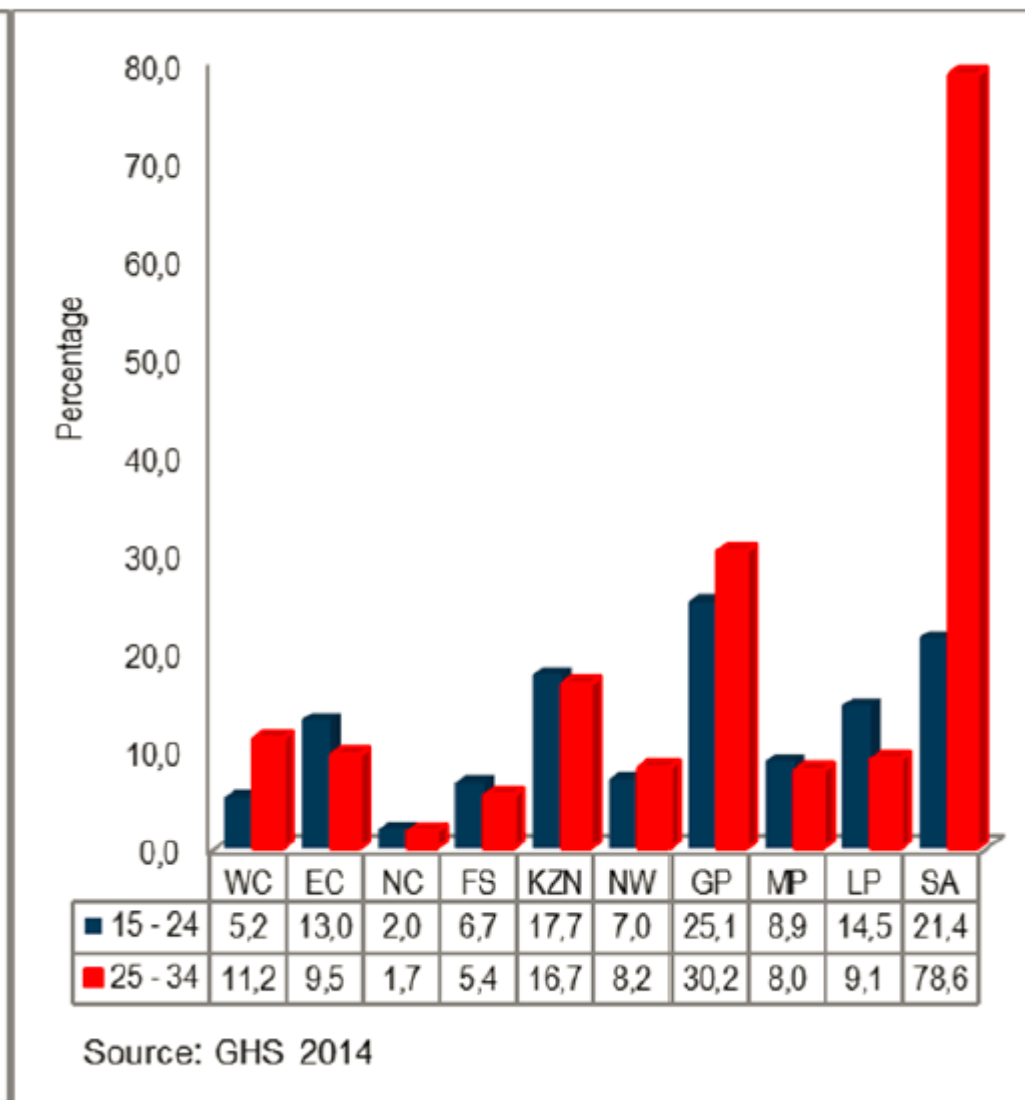
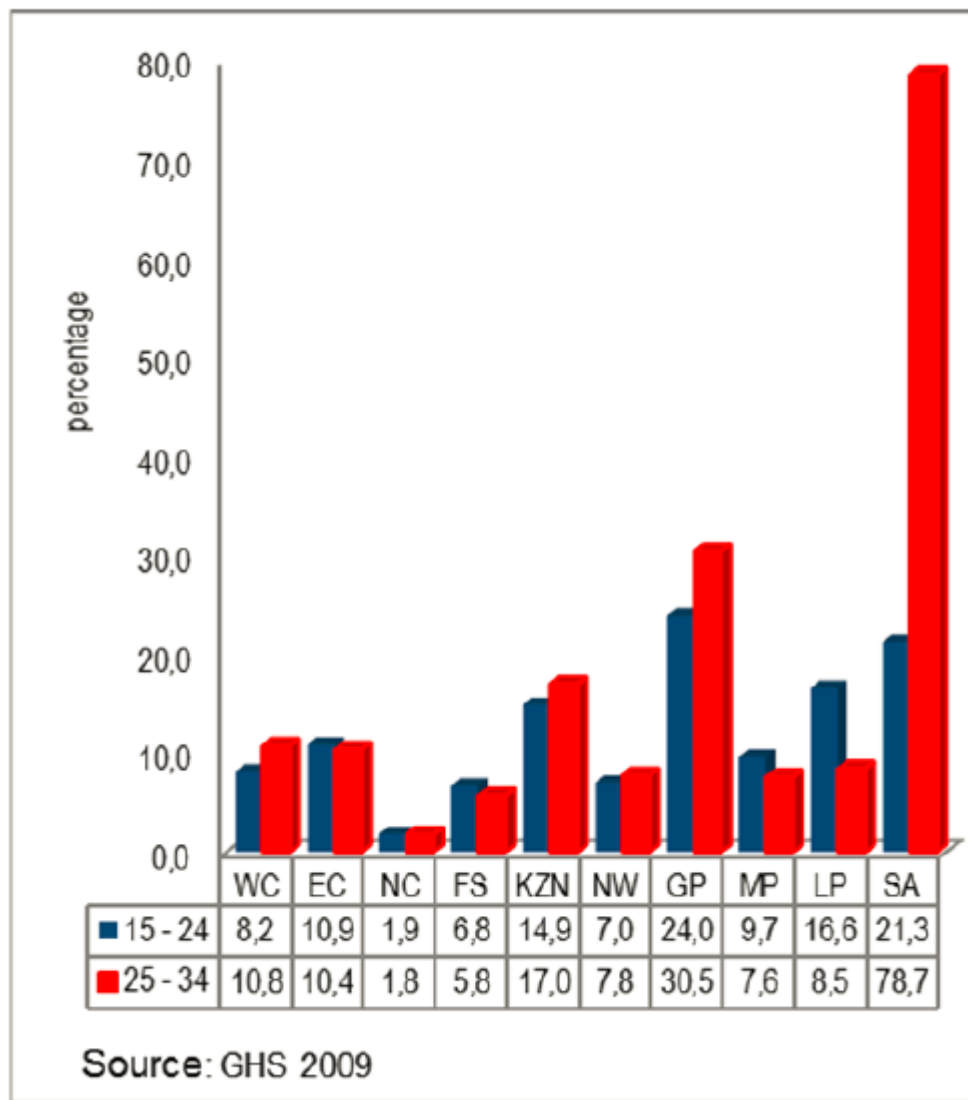
Youth In- and out-migration rates by province, 2011



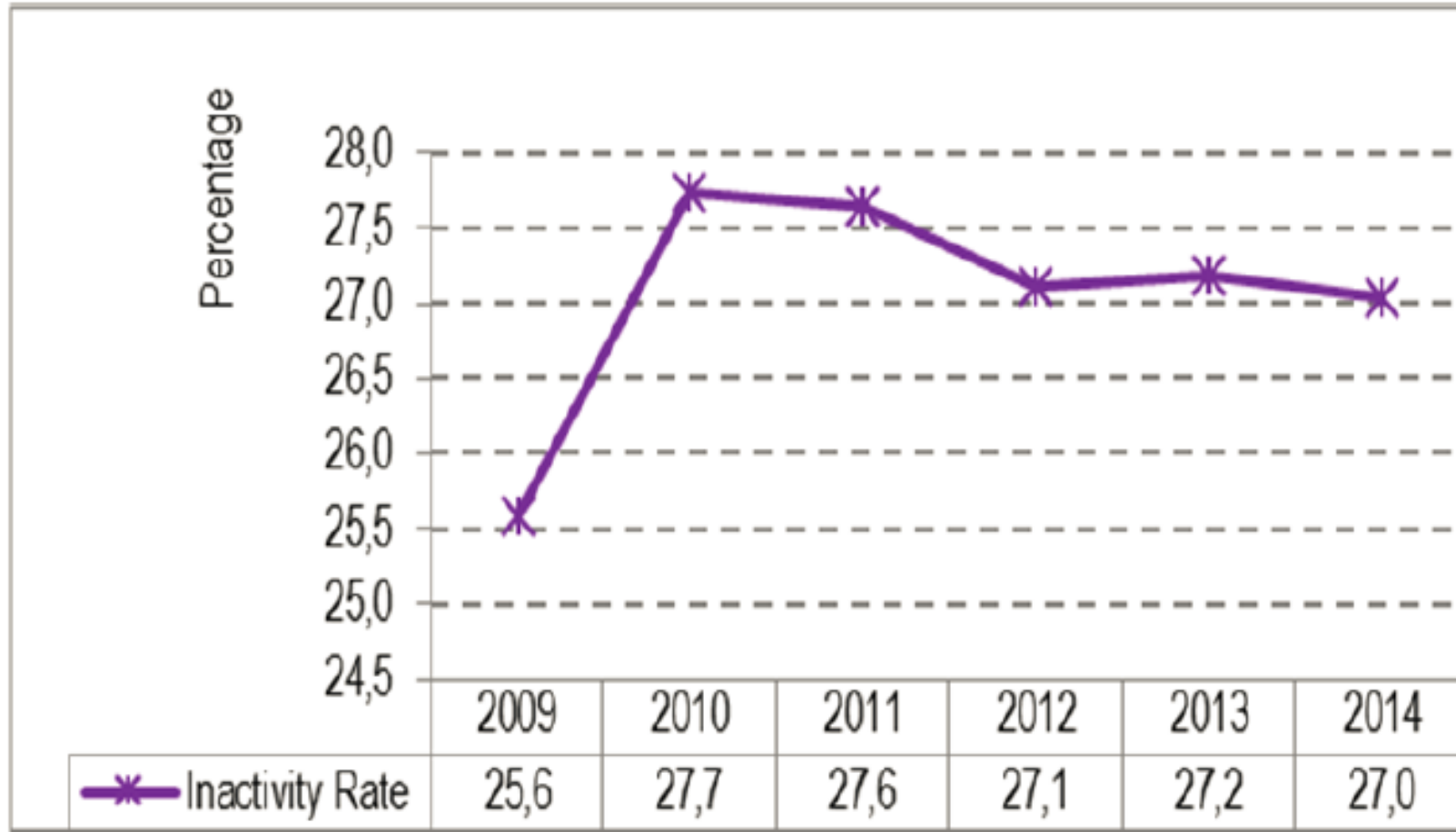
YOUTH

Youth Headed Households

Percentage distribution of youth-headed households by province and age group, 2009 and 2014

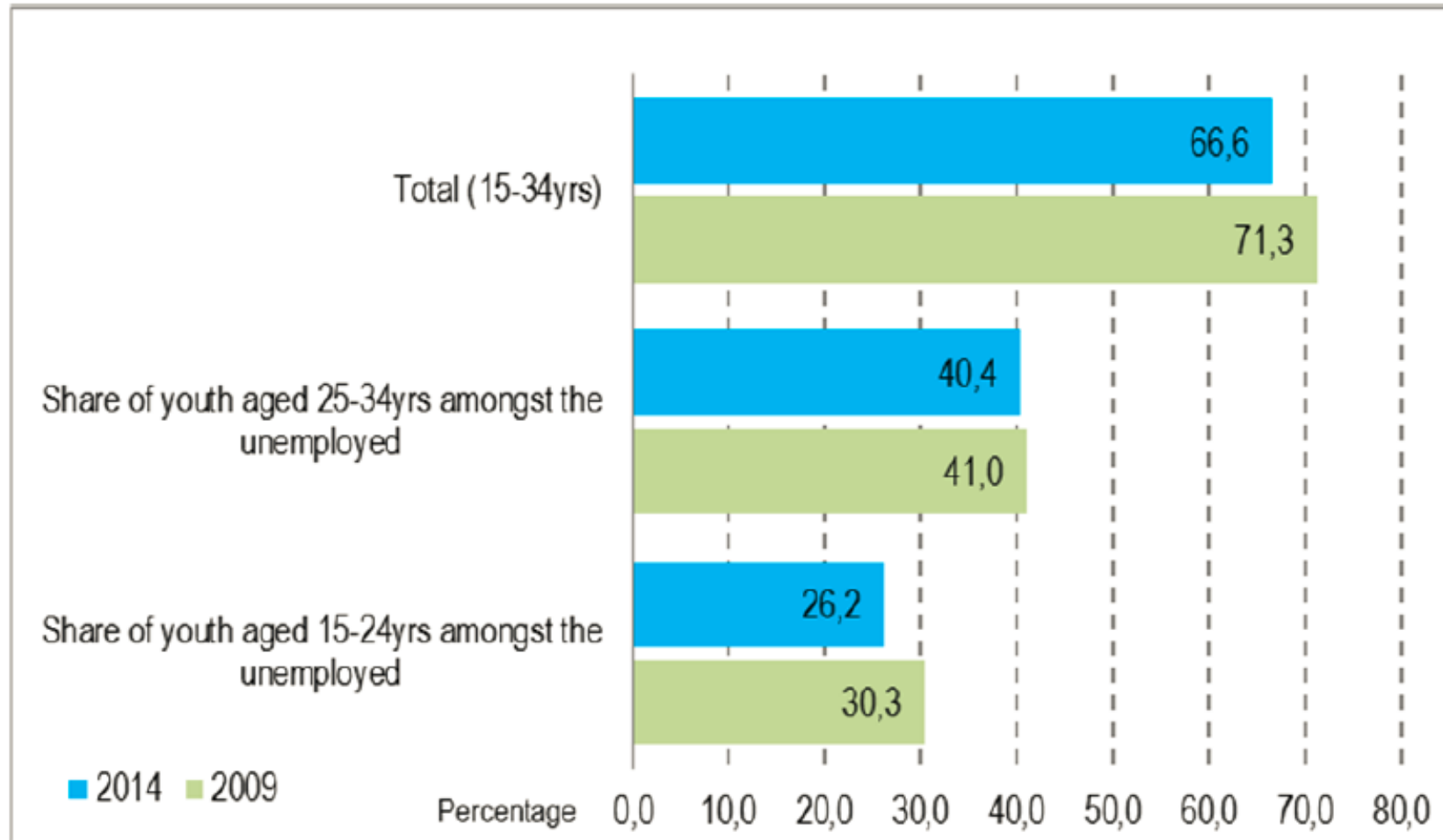


Inactivity rate for youth aged 25–34 years, 2009–2014



Source: QLFS 2009–2014

Share of youth amongst the unemployed, 2009 and 2014

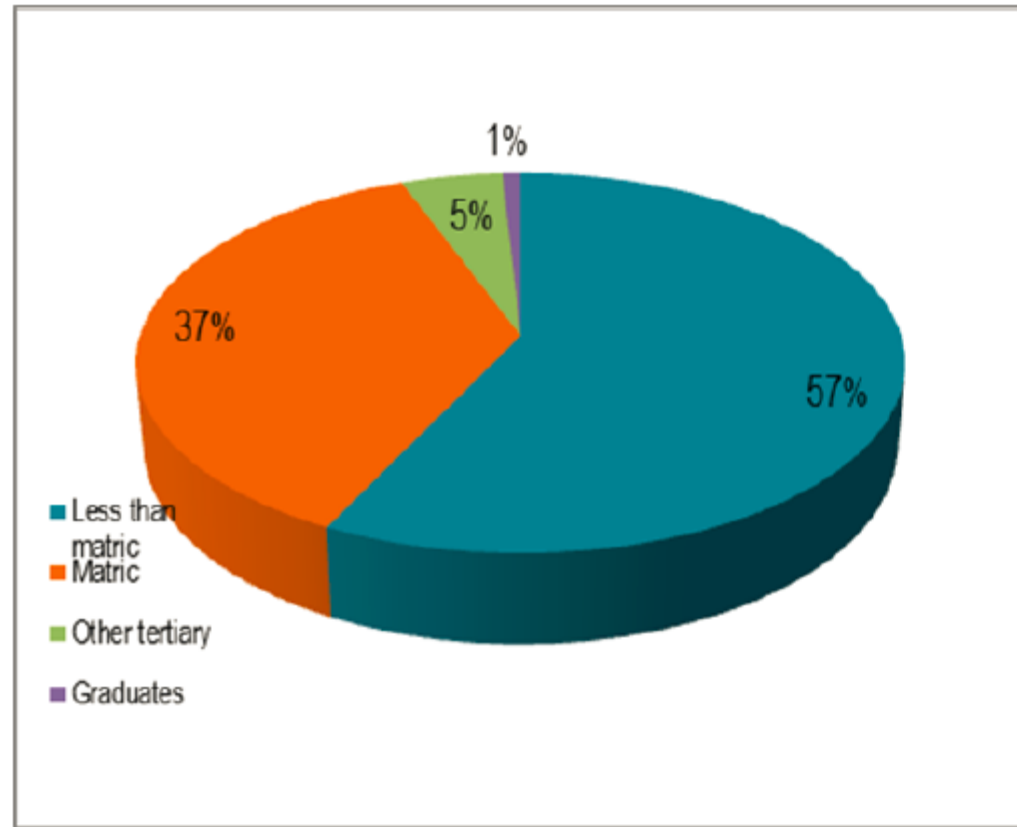


Source: QLFS 2009–2014

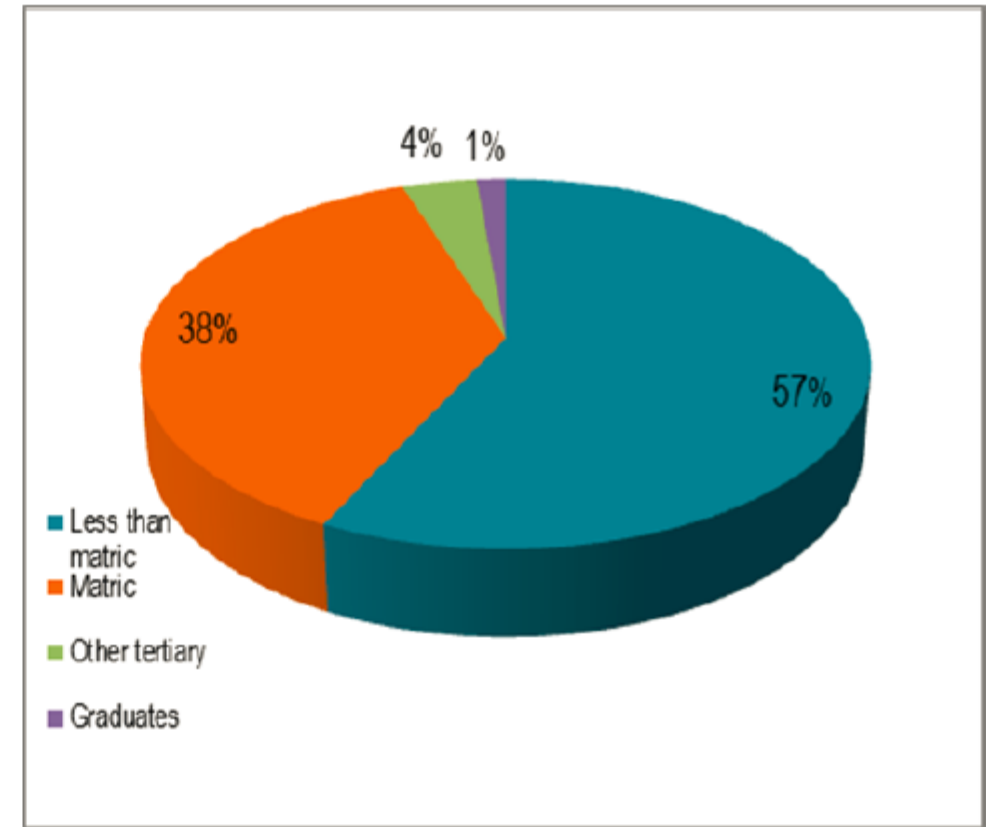
YOUTH

Unemployed : level of education

Share of unemployed youth (15–34 years) by highest level of education, 2009



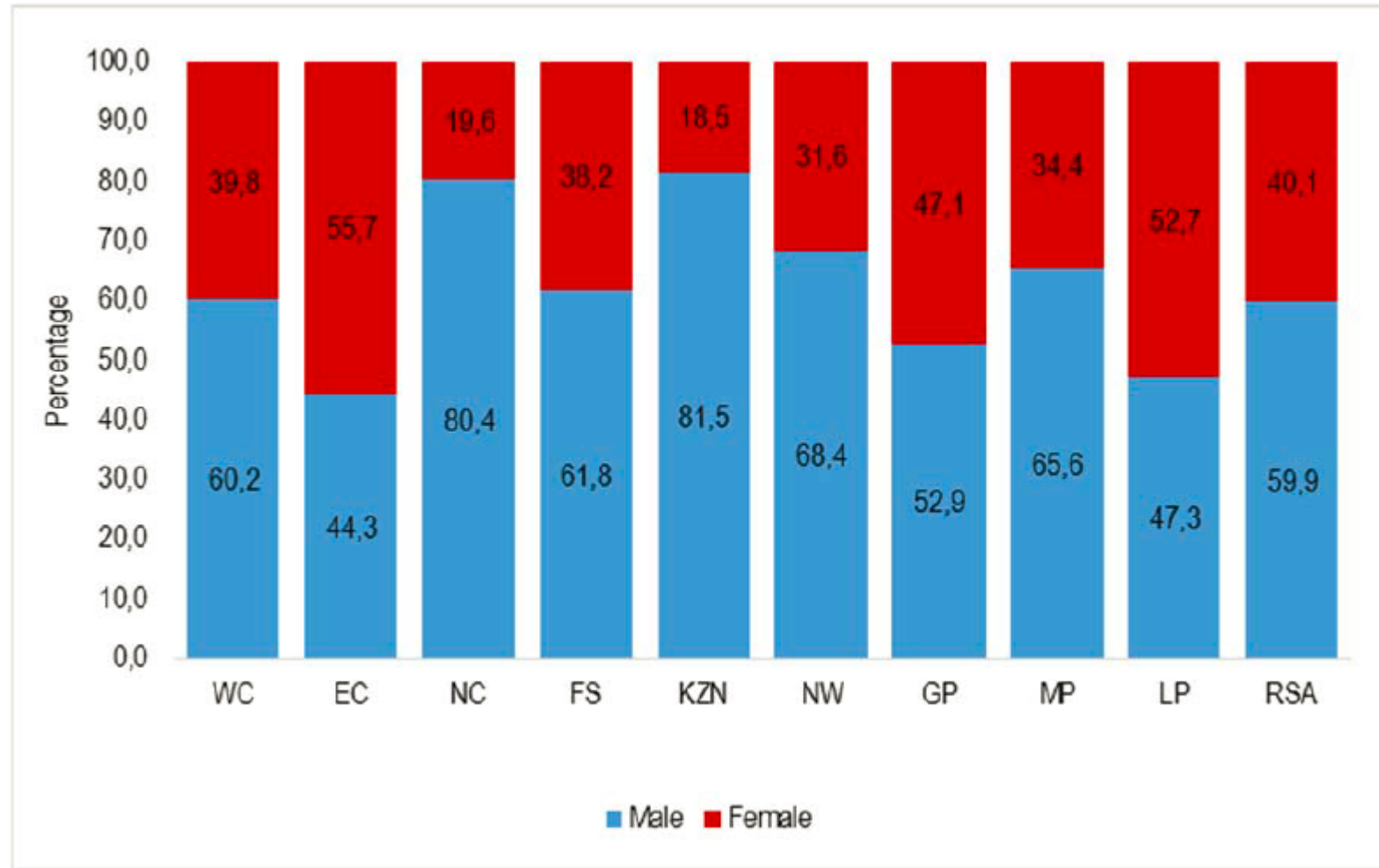
Share of unemployed youth (15–34 years) by highest level of education, 2014



*Total includes the category "other".

Source: QLFS 2009–2014

Figure 6.3: Percentage of youth (16–34 years) who experienced assault by sex and province, 2013/14



Source: VOCS 2013/14

Most common broad underlying causes of death by sex and age group, 2008

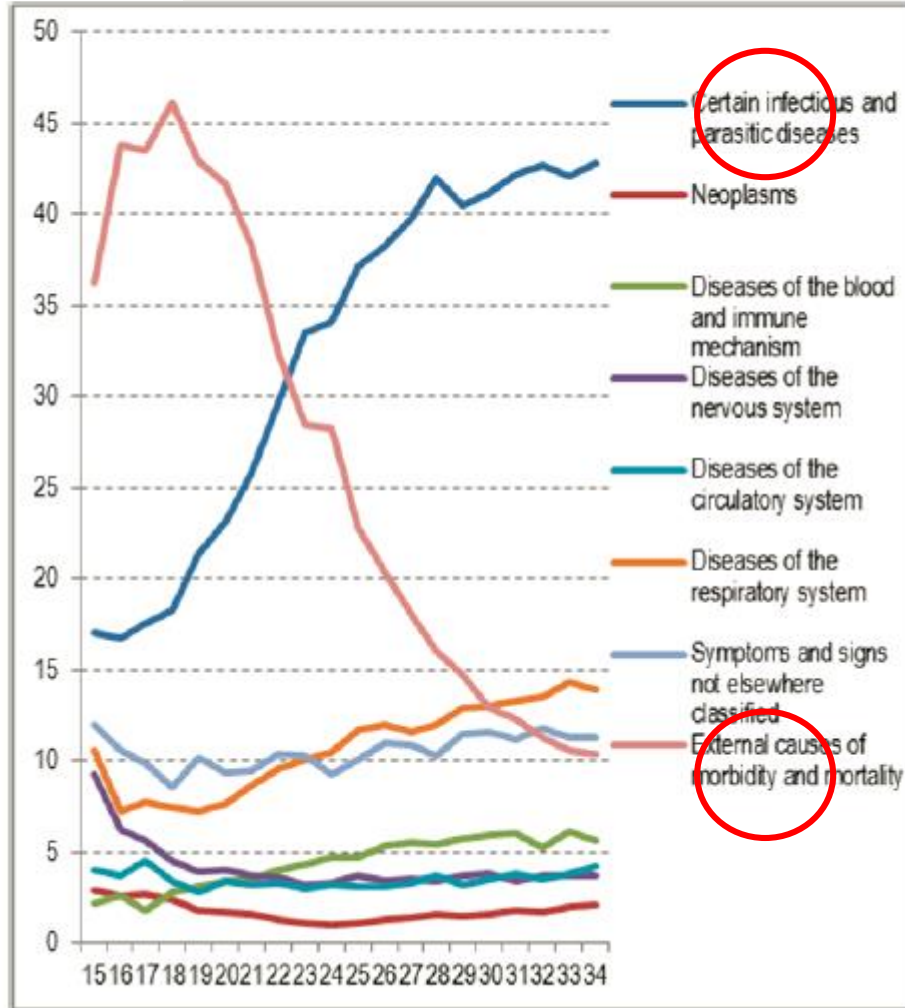
2008	Age groups							
	Males				Females			
	Per cent							
	0–14	15–34	35–64	65+	0–14	15–34	35–64	65+
Certain infectious and parasitic diseases	25,3	30,7	30,6	8,8	26,6	43,8	30,1	6,7
External causes of morbidity and mortality	6,3	34,7	10,1	3,8	5,3	6,4	3,8	2,4
Symptoms and signs not elsewhere classified	10,9	8,9	12,4	16,2	11,3	12,5	12,9	19,2
Diseases of the respiratory system	12,7	9,6	13,7	14,1	14,3	14,1	13,1	10,6
Diseases of the circulatory system	1,1	3,1	11,8	28,4	1,1	3,8	13,3	34,0
Diseases of the blood and immune mechanism	1,8	3,7	3,2	0,6	2,0	6,4	4,5	0,7
Neoplasms	0,4	1,5	5,9	12,6	0,5	1,7	7,9	9,0

Source: Causes of death 2008

YOUTH

Top causes of death

Top eight causes of youth deaths by age,



Top eight causes of youth deaths by age, 2013

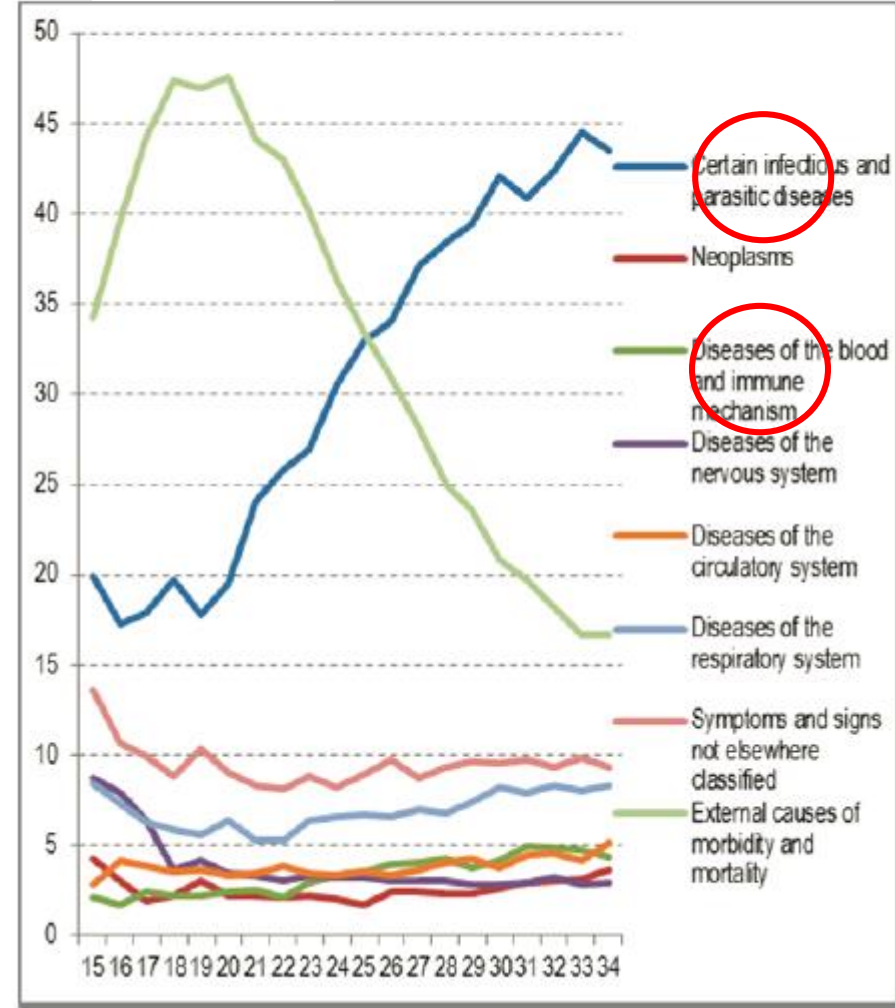
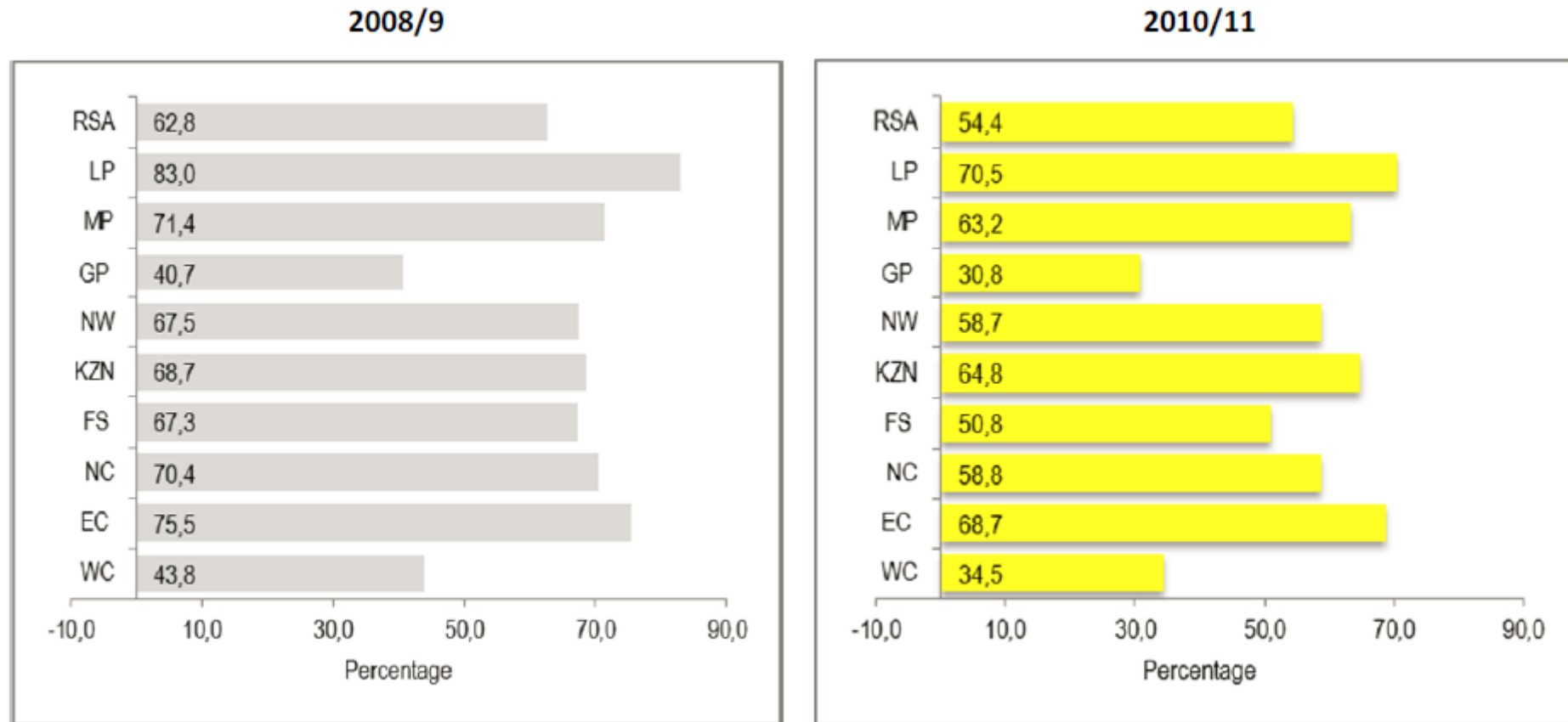


Figure 8.1: Youth living below poverty line by sex and province, LCS 2008/9 and IES 2010/11



Source: LCS 2008/09; IES 2010/11



EDUCATION



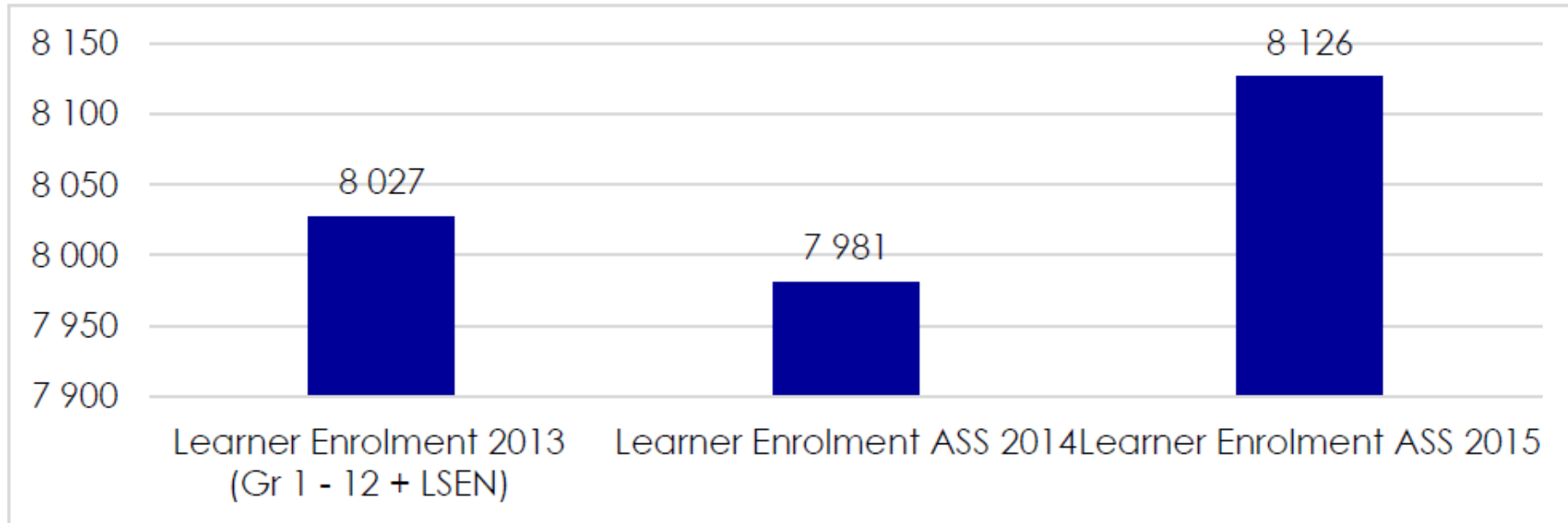
LEARNER TEACHER RATIO



The learner-teacher ratio within Bergvriër deteriorated between 2012 and 2013, improved in 2014, and deteriorated drastically to 33.4 in 2015. According to the national department of education the number of learners per teacher was 30.3 in 2010. Factors influencing the learner teacher ratio is the ability of schools to employ more educators when needed and the ability to collect school fees.

EDUCATION

LEARNER ENROLMENT

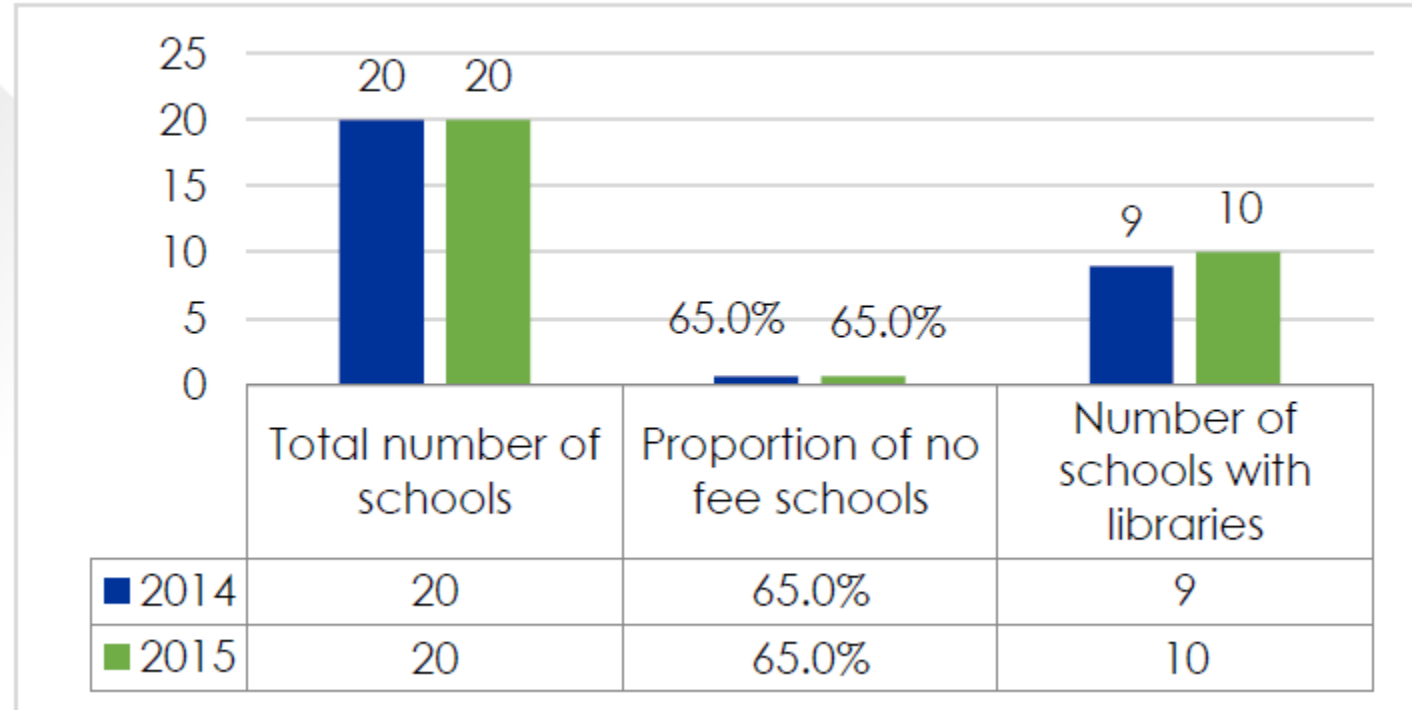


- DROP OUT RATE: 31,7% from Gr 10 in 2014 to Gr 12 in 2016
- Higher than drop-out rate for the District (29.2%)
- Bergrivier has the second lowest percentage of no-fee schools in the district, as research indicates that learners often drop-out of school due to lack of money.

Source: Draft Socio-economic profile for Bergrivier, WC Provincial Government

EDUCATION

EDUCATIONAL FACILITIES

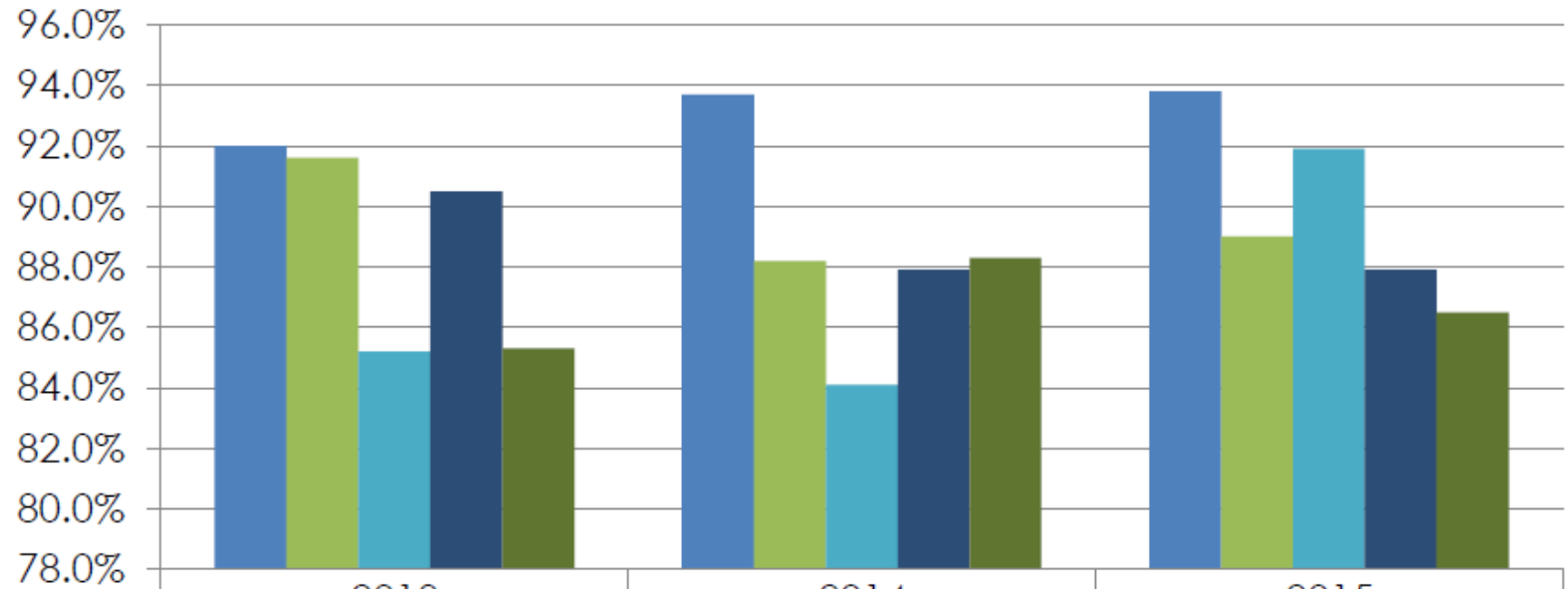


- 65 % of schools in Bergrivier are registered with the Western Cape Department of Education as no-fee schools.

EDUCATION



EDUCATION OUTCOMES



	2013	2014	2015
■ Matzikama	92.0%	93.7%	93.8%
■ Cederberg	91.6%	88.2%	89.0%
■ Bergrivier	85.2%	84.1%	91.9%
■ Saldanha Bay	90.5%	87.9%	87.9%
■ Swartland	85.3%	88.3%	86.5%



HEALTH



EMERGENCY MEDICAL SERVICES



Health Indicator	Bergrivier	West Coast
EMS Operational Ambulances	6	28
Population (2017)	67 807	427 742
No of operational ambulances per 10 000 people	0.87	0.64

HIV/AIDS



Health Indicator	Bergrivier	West Coast
Total registered patients receiving ART	946	7 651
No of new ART patients	246	1 790
HIV Transmission Rate	0.0%	1.40%

- Mother-to-child transmission rate = 0%
- Below 1.4 % of District and Provincial rate



POVERTY



POVERTY

POVERTY HEADCOUNT AND INTENSITY

The higher poverty headcount show that the number of poor people within the Bergrivier municipal area has increased from 1.0 per cent of Bergrivier's population in 2011 to 1.6 per cent of the population in 2016. The increasing poverty headcount is a concern as it may strain municipal financial resources.

Area	Poverty Headcount (Percentage)		Poverty Intensity (Percentage)	
	2011	2016	2011	2016
Bergrivier	1.0	1.6	43.7	41.5
West Coast District	2.0	2.9	41.9	44.5
Western Cape	3.6	2.7	42.6	40.1

POVERTY

INDIGENT HOUSEHOLDS

The Non-Financial Census of Municipalities released by Statistics South Africa in 2016 indicates increases or decreases of indigent households per municipal area between 2014 and 2015.

Area	2014	2015	Change
Bergvriër	1 946	1 798	-148
West Coast District	19 194	22 083	2 889
Western Cape	413 259	360 238	-53 021

The Bergvriër municipal area experienced a decrease in the number of indigents between 2014 and 2015, which implies a reduced burden on municipal resources.



SERVICE DELIVERY



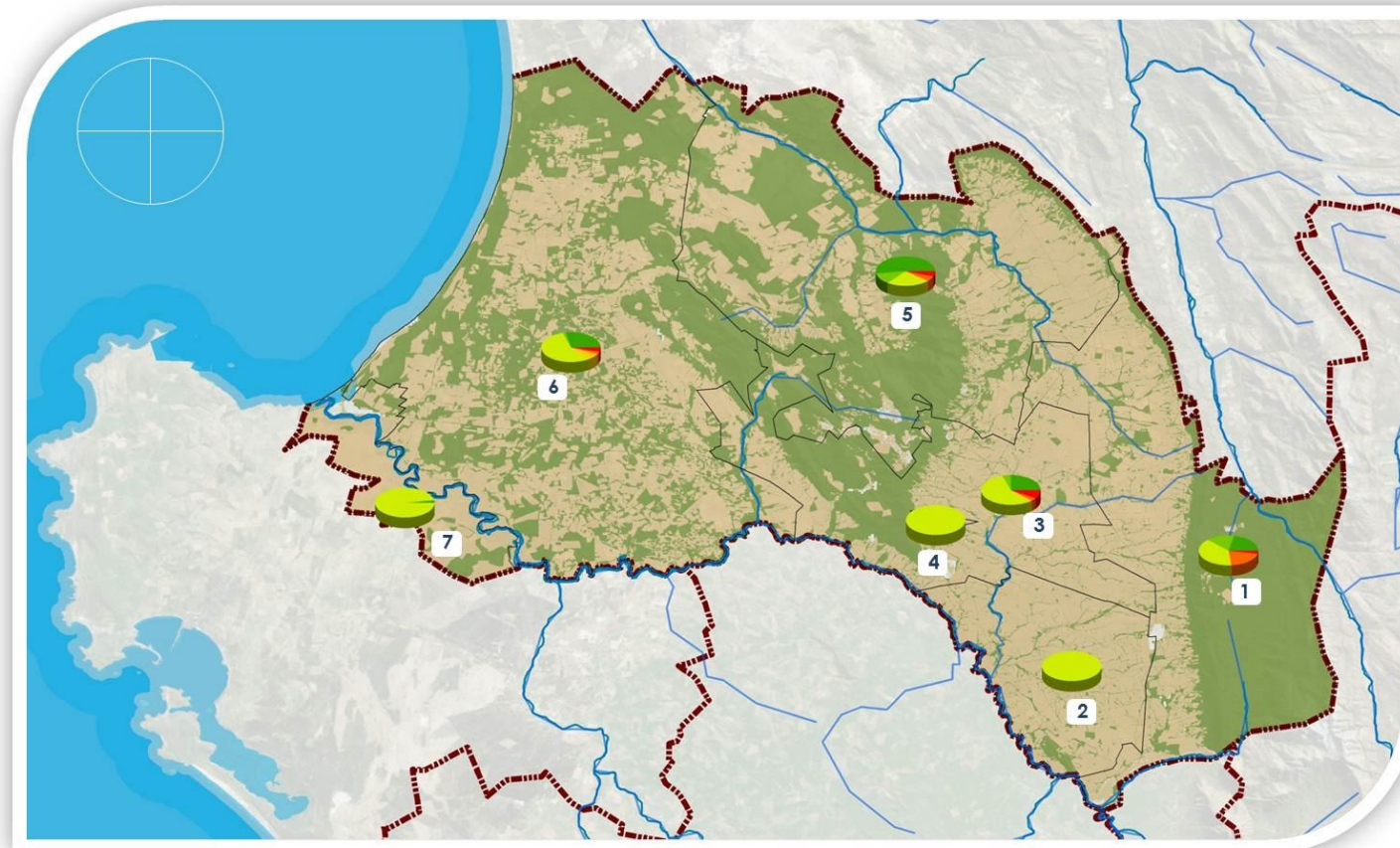
ACCESS TO WATER



SERVICE STANDARD DEFINITION: *Households with access to piped water inside the dwelling or yard or within 200 meters from yard.*

Area	2011	2016	% Change
West Coast District	105 710	121 247	14.7 %
Bergrivier	16 169	18 484	14.3 %

BERG RIVIER MUNICIPALITY WATER SOURCE PER WARD



WARD NUMBER	BOREHOLE	DAM/POOL/STAGNANT WATER	REGIONAL/LOCAL WATER SCHEME (OPERATED BY MUNICIPALITY OR OTHER WATER SERVICES PROVIDER)	RAIN WATER TANK	RIVER/STREAM/S PRING	WATER TANKER
1	1945	1764	3376	108	1893	228
2	1	13	5155	2	0	4
3	1941	482	4373	139	210	541
4	30	58	9282	0	0	8
5	6464	1253	3498	140	577	520
6	986	80	1918	226	62	119
7	236	37	10857	5	2	38

- NATURAL
- CULTIVATION
- RIVERS
- - - MUNICIPAL BOUNDARY
- WARD BOUNDARY



ACCESS TO ELECTRICITY



SERVICE STANDARD DEFINITION: *Households with access to electricity as primary source of energy for lighting purposes.*

Area	2011	2016	% Change
West Coast District	100 810	122 205	21.2 %
Bergrivier	15 449	18 628	20.6 %

ACCESS TO SANITATION



SERVICE STANDARD DEFINITION: *Households with access to flush toilet connected to sewerage system.*

Area	2011	2016	% Change
West Coast District	93 459	120 155	28.6 %
Bergrivier	14 594	18 666	27.9 %

ACCESS TO REFUSE REMOVAL



SERVICE STANDARD DEFINITION: *Households whose waste is removed by local authority at least weekly.*

Area	2011	2016	% Change
West Coast District	81 505	108 311	32.9 %
Bergrivier	10 910	15 936	46.1 %

SERVICE DELIVERY

ACCESS TO HOUSING



SERVICE STANDARD DEFINITION: *Households with access to formal dwelling.*

Area	2011	2016	% Change
West Coast District	93 832	111 389	18.7 %
Bergrivier	15 193	17 487	15.1 %

The majority of households in Bergrivier area reside in formal dwellings (91.6 per cent) whilst 8.4 per cent of the households reside either in informal, traditional and other dwellings in 2016. Access to formal dwellings increased by 15.1 per cent from 15 193 households in 2011 to 17 487 households in 2016 and by 18.7 per cent across the District over the same period.



SAFETY & SECURITY



SAFETY & SECURITY

MURDER



Area	2015	2016	% Change
West Coast District (per 100 000)	28	27	-3.6 %
Bergrivier (per 100 000)	12	12	0 %

- The murder rate has remained static at 12 cases from 2015 to 2016 in Bergrivier.
- West Coast decreased by 3.6 per cent from 28 to 27 over the same period.
- The murder rate in Bergrivier remains well below that of the District, which average 27 cases per 100 000 people.

SAFETY & SECURITY

SEXUAL OFFENCES



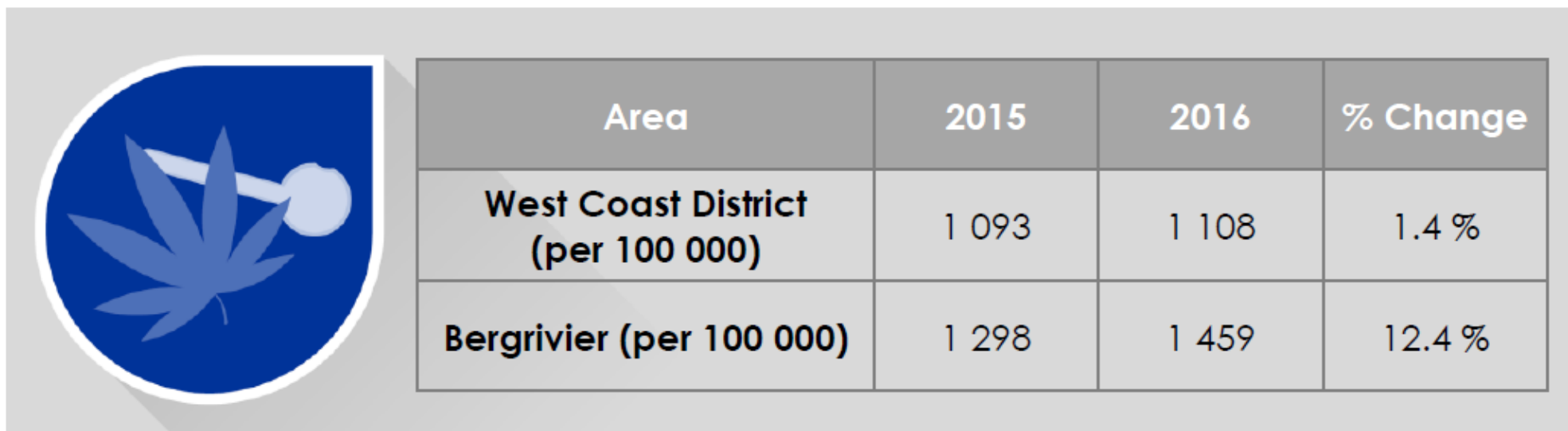
Area	2015	2016	% Change
West Coast District (per 100 000)	122	112	-8.2 %
Bergrivier (per 100 000)	83	70	-15.6 %

Definition: Sexual offences includes rape (updated to the new definition of rape to provide for the inclusion of male rape), sex work, pornography, public indecency and human trafficking.

In 2016, there were 70 sexual crimes (or 15.6 per cent less) recorded in Bergrivier compared with 83 the previous year whilst it declined by 8.2 per cent from 122 in 2015 to 112 in 2016 across the West Coast District. Bergrivier's sexual related crime rate remains below that of the District.

SAFETY & SECURITY

DRUG RELATED CRIMES



Drug related crimes within the Bergrivier increased by 12.4 per cent from 1 298 in 2015 to 1 459 cases in 2016. The incidence of drug related crimes increased at a much slower rate across the West Coast District; increasing by 1.4 per cent from 1 093 to 1 108 in 2016.

Drug-related crimes nevertheless remains a major concern throughout the West Coast District; especially in the Bergrivier area, which experience a substantially higher rate of drug related crimes than the District.

SAFETY & SECURITY

DRIVING UNDER THE INFLUENCE



Area	2015	2016	% Change
West Coast District (per 100 000)	99	94	-5.1 %
Bergrivier (per 100 000)	86	106	23.3 %

The number of cases of driving under the influence of alcohol or drugs in Bergrivier has increased sharply from 2015 to 2016. In 2016, 106 incidences were dealt with in the Bergrivier area compared with 86 in 2015. However, the cases of driving under the influence of drugs and alcohol in West Coast District dropped by 5.1 per cent from 99 in 2015 to 94 in 2016. This resulted in a higher incidence of driving under the influence of drugs and alcohol in Bergrivier compared to West Coast District in 2016.

RESIDENTIAL BURGLARIES

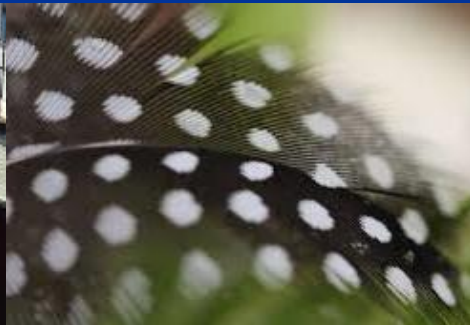


Area	2015	2016	% Change
West Coast District (per 100 000)	555	605	9.0 %
Bergrivier (per 100 000)	313	342	9.3 %

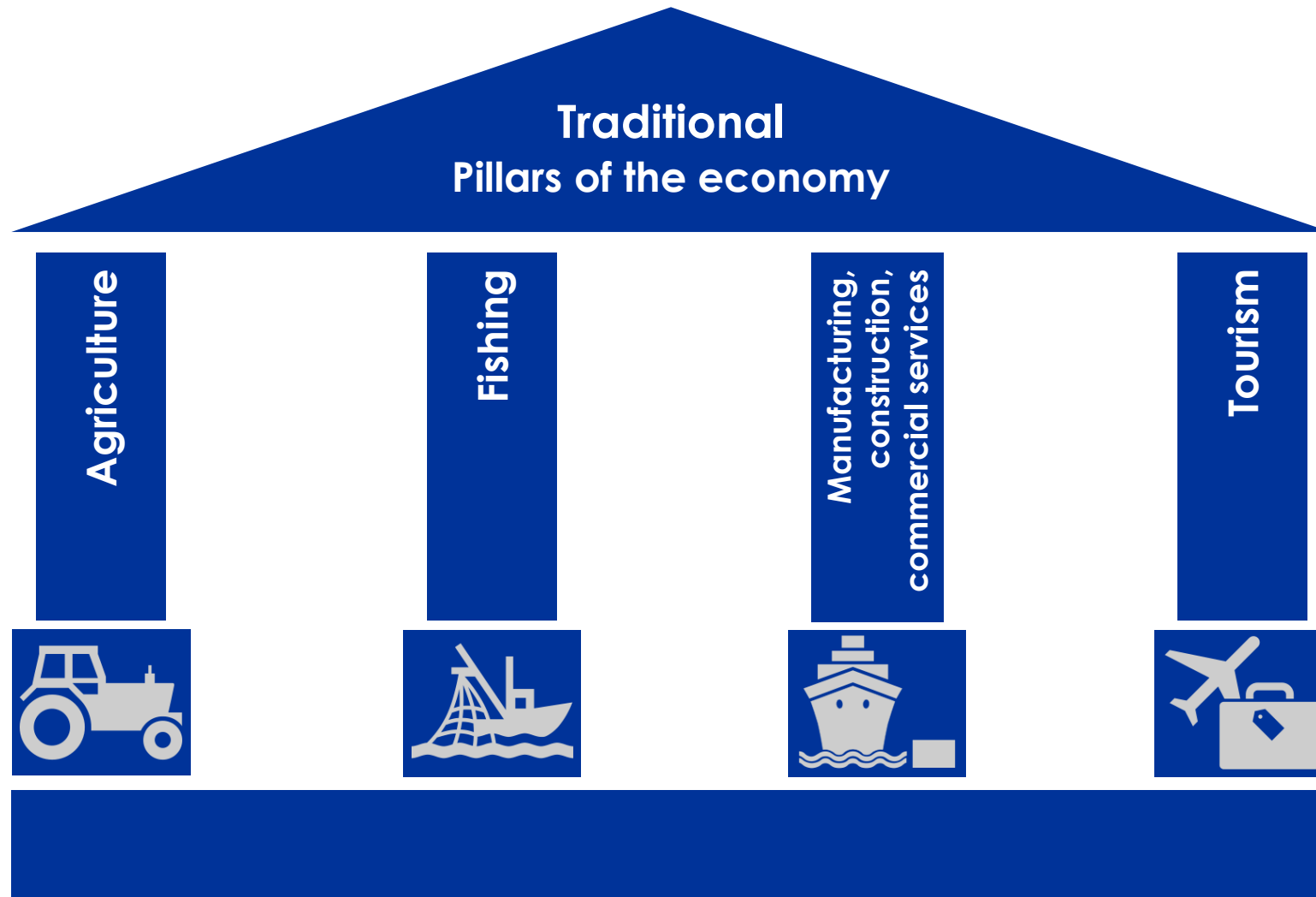
Given its regular occurrence and the psychological impact on victims, residential burglaries are an obstinate concern in South Africa. The cases of residential burglaries within Bergrivier area increased by 9.3 per cent from 313 in 2015 to 342 in 2016. The West Coast District is no exception, with residential burglaries increasing by 9.0 per cent from 555 in 2015 to 605 in 2016. Bergrivier's residential burglaries related crime rate remains below the District average.



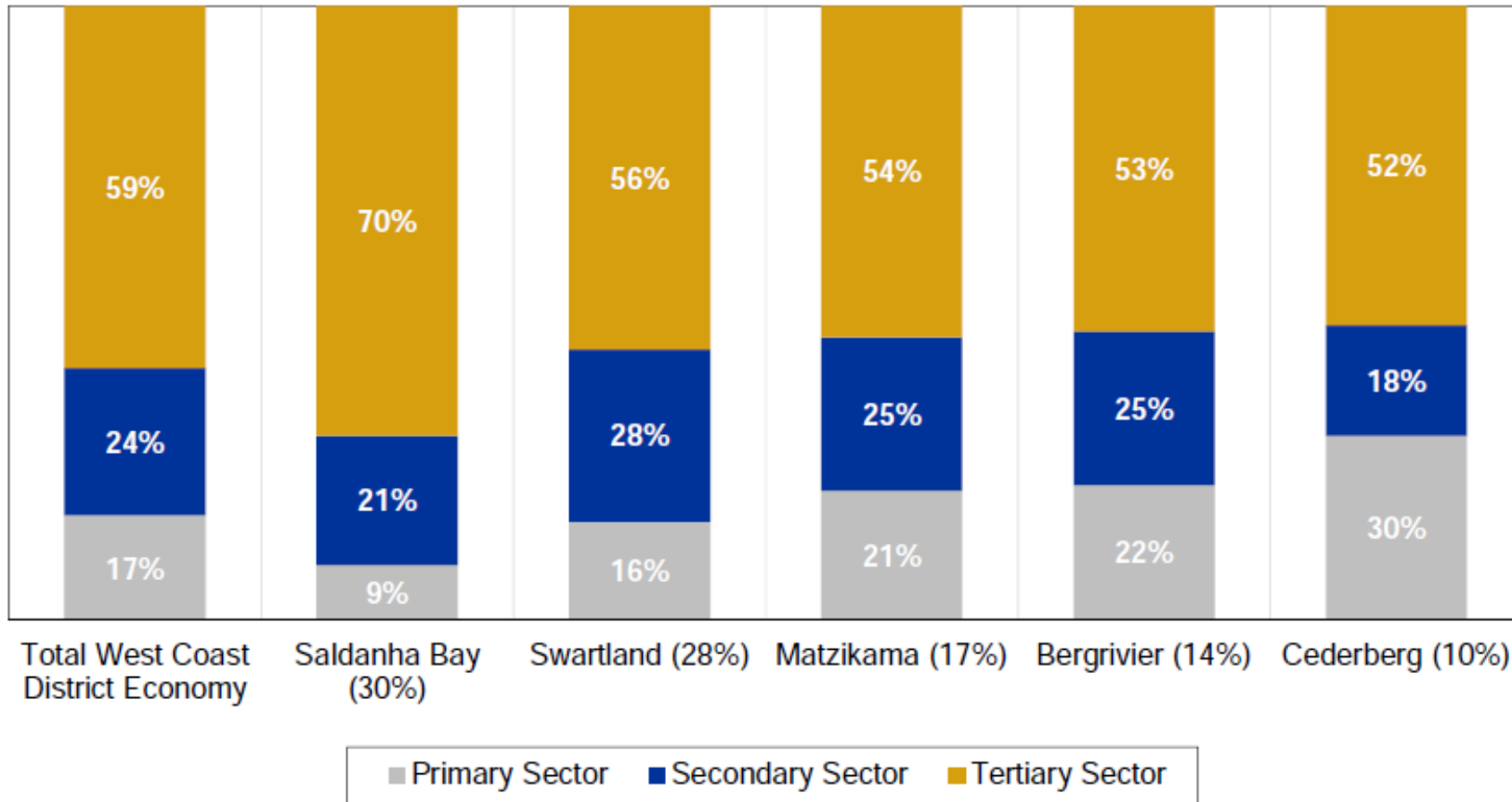
THE ECONOMY



THE ECONOMY



THE ECONOMY



- **Primary Sector**

Agriculture
Forestry
Fishing

- **Secondary Sector**

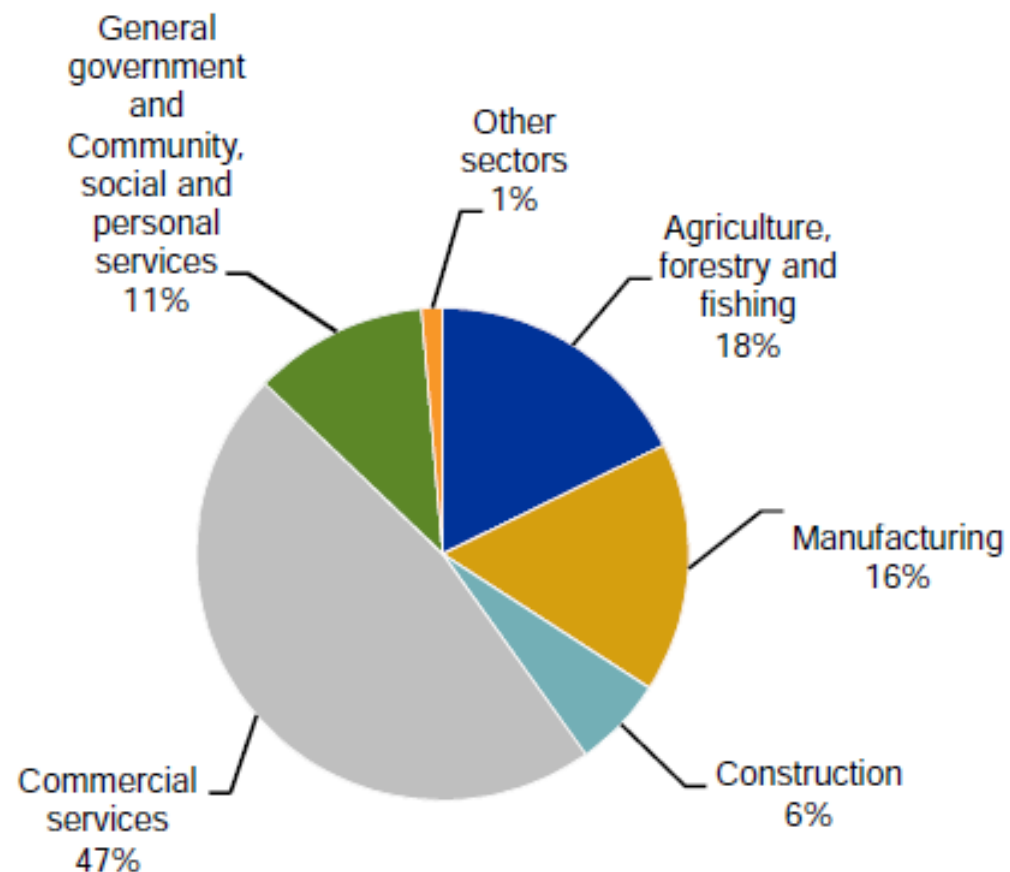
Manufacturing
Construction
Whole sale
Retail
Tourism

- **Tertiary Sector**

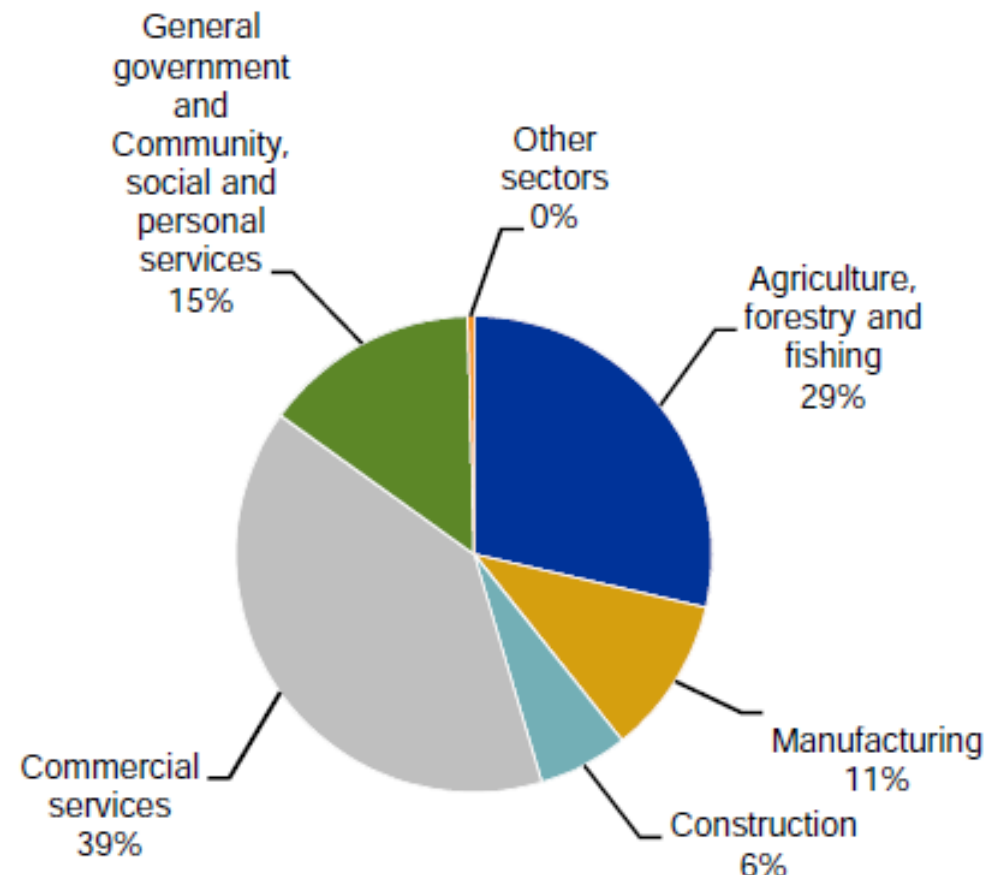
Commercial Services
Government

THE ECONOMY

Bergrivier: Gross value added: 2013



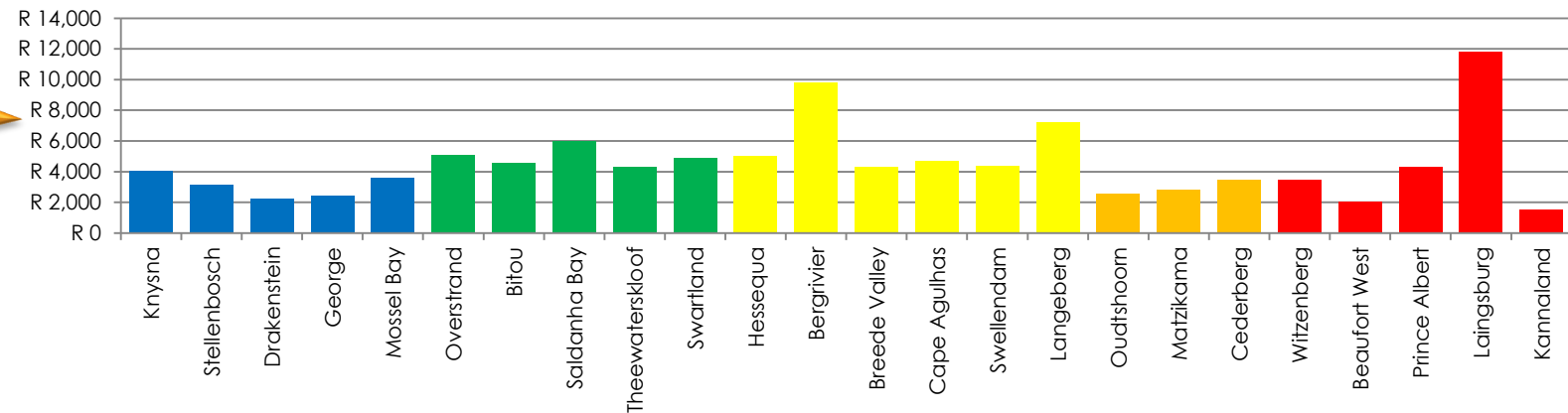
Bergrivier: Employment: 2013



TOTAL PLANNED INFRASTRUCTURE INVESTMENT

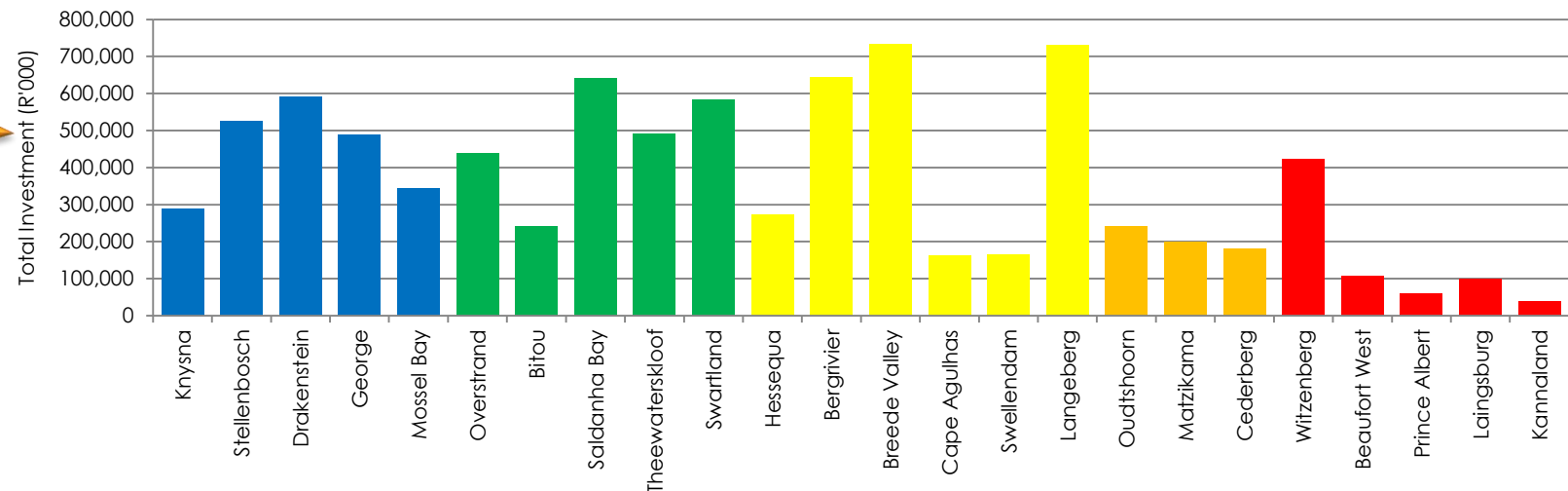
Per Capital infrastructure investment (selected sectors) in WCDM considered average with exception of Bergrivier

Per Capita Planned Infrastructure Investment in the WC MTEF (2015/16 to 2017/18) per Local Municipality



Absolute value of infrastructure investment (selected sectors) in WCDM show some alignment with GPS2013 - High growth potential = high investment & low growth potential = lower investment

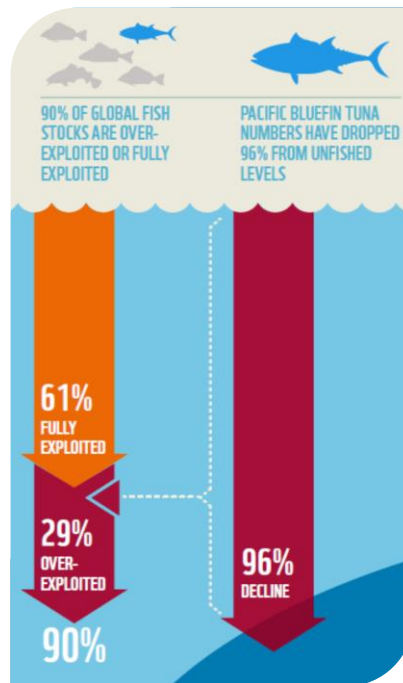
Total Planned Infrastructure Investment in the WC MTEF (2015/16 to 2017/18) per Local Municipality



THE ECONOMY



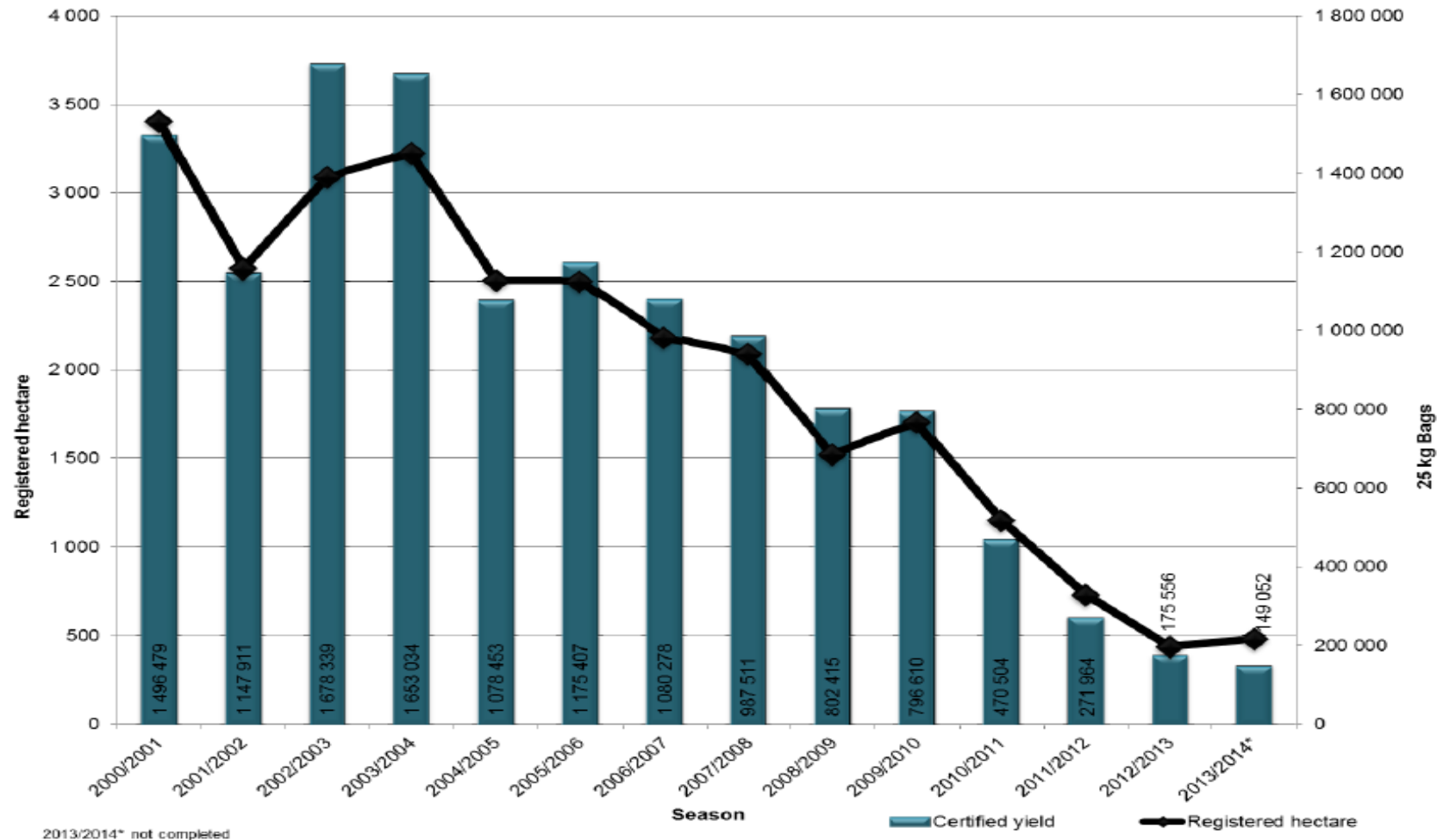
- ✓ 18.1% of GDP (but falling)
- ✓ 29% employment
- ✓ Vulnerable - climate change
- ✓ Drought...



- ✓ Dwindling marine resources
- ✓ Quota system
- ✓ -2.7% sector growth (2005 – 2013)

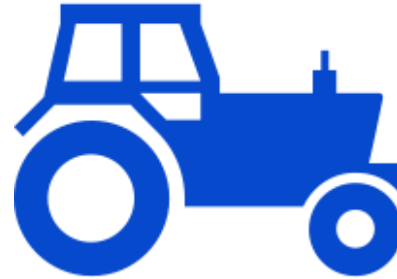
THE ECONOMY

Potato yields and crops 2000 - 2014



Source: Draft Socio-economic profile for Bergrivier, WC Provincial Government

THE ECONOMY



- ✓ Favourable climate year round
- ✓ Outstanding natural beauty
- ✓ Potential growth market?



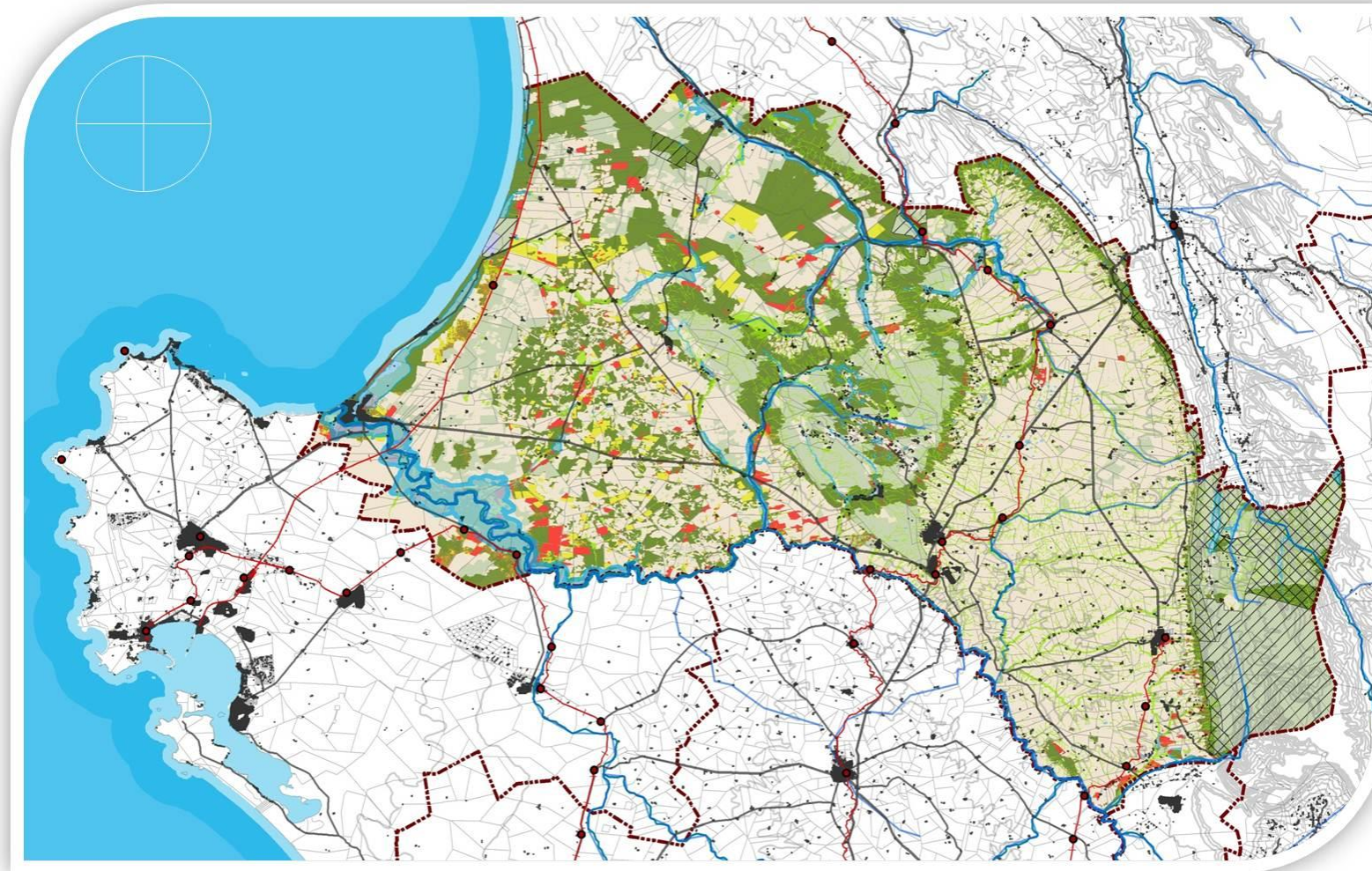
- ✓ Paradigm shift in public perception



THE ENVIRONMENT



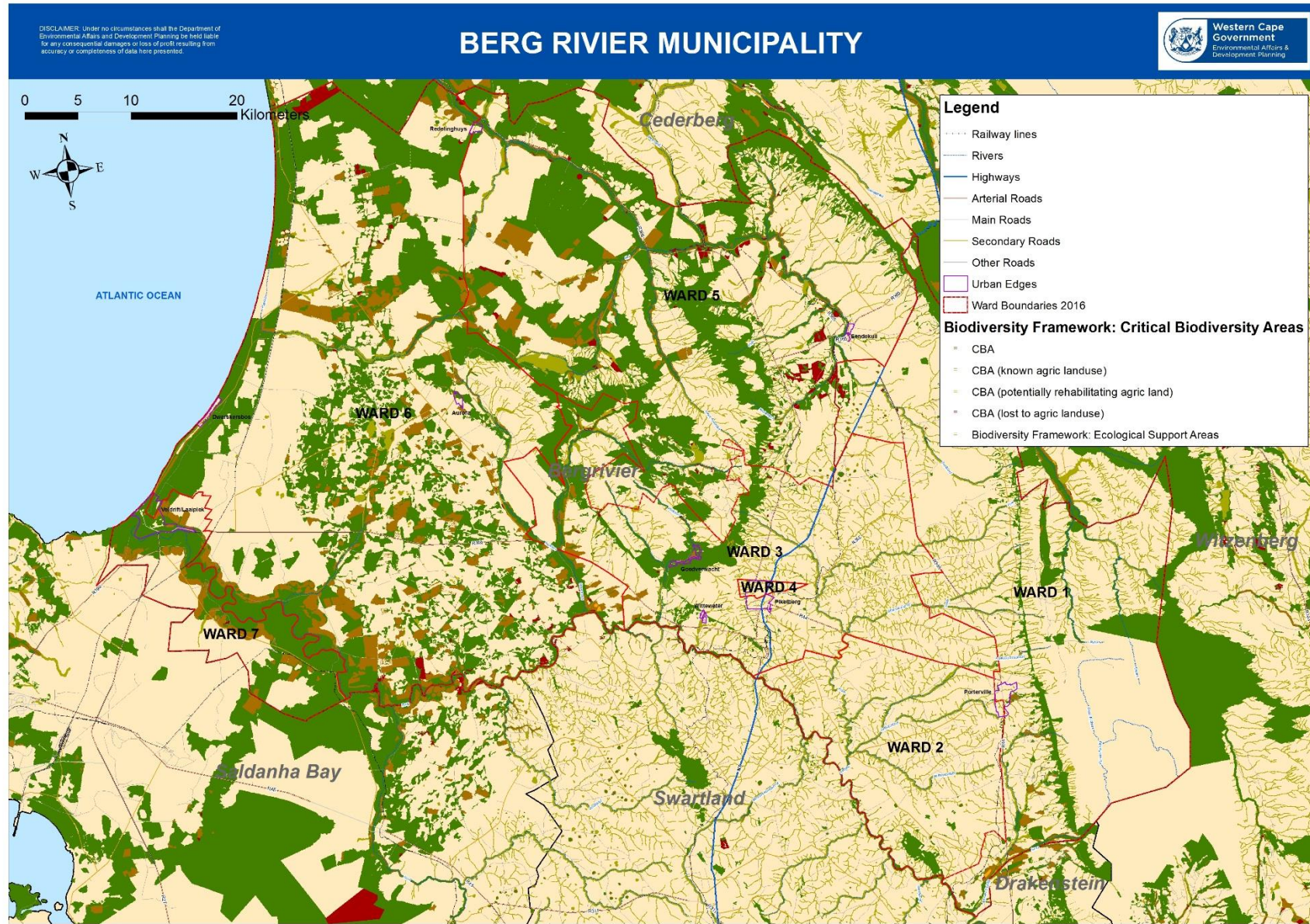
BIOPHYSICAL ENVIRONMENT



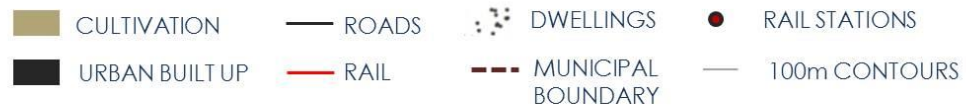
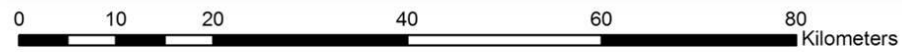
0 10 20 40 60 80 Kilometers

- | | | | |
|------------|----------------|--------------------|-------------------------|
| CBA | URBAN BUILT UP | CADASTRAL BOUNDARY | PROTECTED AREA |
| ESA | AQUATIC CBA | RIVERS | MOUNTAIN CATCHMENT AREA |
| DEGRADED | CULTIVATION | ROADS | MUNICIPAL BOUNDARY |
| NO NATURAL | DWELLINGS | RAIL | RAIL STATIONS |





CULTIVATION



Thank you

