

Annexure 5: Bergrivier Spatial Development Framework

Bergrivier Situational Analysis (brief overview)

DEMOGRAPHY

The Socio-Economic Profile: West Coast District, 2007¹ indicates that the population figure for the Bergrivier Municipality is **55 999** and this account for 17.1% of the West Coast population. This population has a median age of 29 years and a total dependency ratio of 0.5 or 1:2².

There exist other sources of information on the historical figures and certain projections with regard to the population in the area. The following tables depict these findings.

Figure 1: Population figure for Bergrivier Municipal Area

Source – historic figures	Year	Figure
West Coast Region Infrastructure Strategy, 2002 ³	1996	37 052
	2001	46 330
	2002	48 450
Socio- Economic Profile: West Coast, 2007	2006	54 568
	2007	55 999

Figure 2: Population figure for Bergrivier Municipal Area (projected growth)

Source - projections	Growth rate	2010	Growth rate	2015	Growth rate	2020
West Coast Region Infrastructure Strategy, 2002	3.53%	65 870	2.48%	74 460	2.48%	84 160
Socio- Economic Profile: West Coast, 2007	2.6%	59 312	2.3%	66 930		

*Figure 3: Growth-path projections 2007 to 2020:
Bergrivier Spatial Development Framework (2008)*

Year	Total	Rural	Urban			
			Total	Coastal	Central	Isolated
2001	46 300	17 500 37.7%	28 800 62.2%	8 000	16 000	4 800
			100%	27,8%	55.6%	16.6%
Growth p.a. 2001 – 2007	3,5% p.a.	2,0% p.a.	3,8% p.a.	6,0% p.a.	3,4% p.a.	0,9% p.a.
2007	56 000	19 600 35%	36 400 65%	11 500	19 800	5 100
			100%	31.6%	54,4%	14,0%

¹ PGWC Provincial Treasury Report, 2007 (PR 229/2007)

² PGWC Provincial Treasury Report, 2007 (PR 229/2007)

³ West Coast Region Infrastructure Strategy, 2002

Growth p.a. 2007 – 2020	2,4% p.a.	1,4% p.a.	2,9% p.a.	4,5% p.a.	2,3% p.a.	0,8% p.a.
2020	76 000	23 500	52 500 100%	20 400 38,8%	26 400 50,3%	5 700 10,9%
		30%	70%			

The population pyramid⁴ show that 27.8% of the population is between the ages of 0 and 14 years but with a declining trend towards 2015, that 32.9% is between the ages of 15 and 34 with children making up about 60% of the population and the elderly about 6%. A concerning factor is the relative absence of the age group between 25 and 29 years of age.

The household size vary between 3.9 (Infrastructure Strategy) and 4.5 (PGWC Report). At present the estimated number of households at 4 persons per household in the Bergrivier municipal area are 14 000 with about 8498 of these households residing in urban settlements.

The Socio- Economic Profile: West Coast, 2007 also indicates an urban/ rural ration of 60.7%: 34.3% which does not add up – the accepted ratio is **60 : 40**

Source	Year	Ratio	Urban	Rural	Total
Socio- Economic Profile: West Coast, 2007	2007	60.7: 34.3	33 991	22 008	55 999
West Coast Region Infrastructure Strategy, 2002	2002	60.8: 39.2	29 478	18 972	48 450
West Coast Land Reform Strategy, 2006 ⁵	2006	56:44	n/a	n/a	46 324

The West Coast Land Reform Strategy, 2006 also indicates a 2.4% growth rate of the urban population and a 6.5% rate of growth for the rural population.

⁴ PGWC Provincial Treasury Report, 2007 (PR 229/2007)

⁵ West Coast Region Land Reform Strategy, 2006

The distribution of the population per town is as follow:

Town	Ethnicity					Total	%
	Swart	Coloured	Asian	White	Other		
Aurora	160	204	0	261	0	625	3.0
Dwarskersbos	2	58	0	266	0	326	1.5
Eendekuil	13	624	0	139	0	776	3.7
Goedverwacht	4	1 378	2	0	4	1 388	6.5
Wittewater	0	720	3	3	0	726	3.4
Piketberg	55	5262	1	1472	130	6 920	32.6
Porterville	15	3 100	6	1368	5	4 494	21.2
Redelinghuys	47	141	0	193	0	381	1.8
Velddrif	169	3455	2	1932	19	5 577	26.3
Total	465	14 942	14	5634	158	21 213	100.0

Source: Bergrivier Integrated Development Plan 2003/04 (Ward Profile, 2007)

Population statistics for Velddrif		
Year	Number	Growth rate
1951	3169	2,2%
1960	2954	
1970	3361	
1980	3728	
1985	3658	
1991	4360	5,8%
2001	7326	

Table 1-1: Population Figures

Bergrivier Municipal Area					
	African	Coloured	Indian	White	Total
Ward 1 Velddrif, Laaiplek	248 (225)	1838 (1665)	7 (6)	2716 (2461)	4809 (4357)
Velddrif					9 034
Ward 2 Dwarskersbos, Aurora, Redelinghuys and rural area	581 (508)	5321 (4821)	9 (8)	1286 (1165)	7178 (6503)
Aurora, Redelinghuys					1 250
Ward 3 Goedverwacht, Wittewater, PPC De Hoek and rural area	439 (398)	6466 (5858)	8 (7)	2046 (1854)	8960 (8117)
Goedverwacht, Wittewater, PPC					4 034
Ward 4 Piketberg	126 (114)	7786 (7054)	9 (8)	459 (416)	8381 (7593)
Piketberg					9 300
Ward 5 Voorberg Prison and rural area	788 (714)	6678 (6050)	18 (16)	854 (774)	8338 (7554)
Voorberg					2 425
Ward 6 Porterville	59 (53)	4759 (4311)	9 (8)	1642 (1488)	6468 (5860)
Porterville					6 500
Ward 7 Eendekuil and rural area	357 (323)	5793 (5248)	12 (11)	838 (759)	6999 (6341)
Eendekuil					1 020
Total	2577 (2335)	38843 (35009)	70 (64)	9842 (8917)	51134 (46325)
Total					33 562

Note: number – Figures from 2001 Census escalated to 2005
 (number) – Figures from 2001 Census
 number – Figures for urban population – January 2005

Source: Bergrivier Integrated Development Plan; 2006/2007

EDUCATION

The statistics with regard to the level of education is as follow:

Town	People with schooling	Primary schooling	Secondary schooling	Higher education
Aurora	4.9%	16.2%	57.8%	2.1%
Dwarskersbos	2%	6.8%	76.7%	14.3%
Eendekuil	14.3%	28.2%	51.5%	5.9%
Goedverwacht	1.1%	24.4%	64.7%	1%
Piketberg	7.1%	30.5%	54.4%	8%
Redelinghuys	7.4%	35.8%	46.6%	1%
Porterville	10.3%	27.8%	26.5%	6.7%
Velddrif	3.3%	22.2%	66.6%	8%

Source: West Coast Poverty Alleviation Strategy, 2006

The total enrolment of learners from grade 1 to grade 12 at the 24 public primary and secondary schools in the municipal area during 2007, was 10 013⁶.

⁶ PGWC Provincial Treasury Report, 2007 (PR 229/2007)

ECONOMIC STATISTICS

The contribution by Bergrivier to the West Coast GVA (2004);

Source	% contribution	Amount	Growth rate
West Coast Poverty Alleviation Strategy, 2006 ⁷	10.7%		
Socio- Economic Profile: West Coast, 2007	11.7%	R 713 800 000	2.57%

The sectoral contribution of the local economy (Bergrivier) to the GVA in the West Coast Region is as follow⁸:

	West Coast Poverty Alleviation Strategy, 2006	Socio- Economic Profile: West Coast, 2007
Agriculture, fishing, forestry	32.7%	34.4%
Mining	1.2%	1%
Manufacturing	12.4%	12.9%
Electricity + Water	0.7%	0.7%
Construction	3.1%	3.1%
Wholesale and retail	15.1%	14.3%
Transport and communication	8.1%	7.9%
Finance and business services	11.3%	10.6%
Communication services	1.9%	1.8%
Government services	13.4%	13.3%

The contribution from the Bergrivier municipal area towards the West Coast district's building activities during 2002 – 2006, was R 108 million or 9%. The contribution during 2004 alone amounted to 25.6% of the district's activities⁹ which seems an "abnormality"

The distribution of employment in the Bergrivier municipal area is as follow¹⁰:

Agriculture, fishing, forestry	55.8%
Mining	1.6%
Manufacturing	7.1%
Electricity + Water	0.2%
Construction	3.6%
Wholesale and retail	7.5%
Transport and communication	0.8%
Finance and business services	4.1%
Communication services	5.8%
Government services	13.3%

The percentages (2001) for people employed and unemployed are the following¹¹:

Town	employed	Unemployed
Aurora	81.6%	18.4%

⁷ West Coast Poverty Alleviation Strategy, 2006

⁸ West Coast Poverty Alleviation Strategy, 2006

⁹ PGWC Provincial Treasury Report, 2007 (PR 229/2007)

¹⁰ West Coast Poverty Alleviation Strategy, 2006

¹¹ West Coast Poverty Alleviation Strategy, 2006

Bergrivier Spatial Development Framework, 2008

Dwarskersbos	96.6%	3.4%
Eendekuil	98.1%	1.9%
Goedverwacht	88.2%	11.8%
Piketberg	89%	11%
Redelinghuys	95.6%	4.4%
Porterville	86.5%	13.5%
Velddrif	83.6%	16.4%

This amounts to the following average, namely: Employed – 92.4%, Unemployed – 7.6%.

Bergrivier Spatial Development Framework (2008)

Town category	Real economic growth % p.a.
Coastal places	4,8
Central places	3,8
Isolated villages	0,0

INCOME

PAS: Access to social state grants

	Porterville	Velddrif	Goedverwacht	Piketberg	Eendekuil	Redelinghuys
Old age	349	243	114	510	108	49
Disability	272	116	63	527	53	59
Foster Care	63	17	1	55	6	10
War Veteran		1	1			
Care Combination	5			3		
Care Dependency	4	7	4	12	1	2
Child support	643	123	37	709	128	88

MOVEMENT

The West Coast Infrastructure Strategy, 2003 and the Socio- Economic Profile: West Coast, 2007 portray the following statistics about the transport system in the Bergrivier municipal area, namely:

Percentage of road network tarred	53.9%
Percentage of road network with a gravel surface	46.1%
Length of tarred roads	373.7 km
Length of gravel roads	360.4
Number of minibus taxis operating in municipal area	47
Number of busses operating in municipal area	35
Number of public transport routes	28
Percentage of commuters to school or work that walk (2001)	36.6%
Percentage of commuters to school or work	11.1%

that use a vehicle (2001)	
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INFRASTRUCTURE

See Chapter 7 of BSDF.