

## Part E - Appendices

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## Appendix 1

### Telecommunications: Another Mode of Transportation

As has been emphasised throughout this document, Yarra's evolving economy has shifted away from manufacturing and toward new economy industries such as business services and the new media. Therefore a new mode of transporting services and streamlining business functions now exists in electronic form. In order for Yarra to attract businesses that rely heavily on this mode of transportation, Yarra must facilitate the provision of the required infrastructure.

In practise this means ensuring that Yarra has high bandwidth cables that enable the delivery of broadband services, including high speed data and video services.

**High bandwidth or broadband** is a general term used to describe transmission at bandwidths higher than 2 Mbits/sec (City of Melbourne: Digital Building Access Code, p.4). While the Digital Subscriber Line (DSL) and the standard modem have increased the capacity of the copper cables (installed originally for the telephone) to deliver faster telecommunications services, this technology is limited. 'IT hungry' tenants are increasingly seeking accommodation which is serviced by bandwidth cables. Consequently the City of Melbourne is undertaking The Digital River Project.

#### The Digital River Project: City of Melbourne

The City of Melbourne is in the process of developing the Digital River Project. The project is being undertaken in conjunction with Melbourne Docklands Authority, Committee for Melbourne and the Property Council of Australia. Digital River recognises Melbourne's strategic location within the world economy and the opportunity to develop a sophisticated trade route to the digital economy. Low cost bandwidth will assist Melbourne's businesses and encourage investment. The objectives of the project are to:-

- BUILD a sustainable competitive advantage for Melbourne by accelerating the deployment of world leading digital infrastructure and services;
- FACILITATE an integrated approach to utilising existing and new digital capabilities; and
- BENEFIT all the businesses and residents of Melbourne.

The cost of broadband services across Australia is more than twice as much as equivalent services overseas. The Digital River Project plans to connect Melbourne with high bandwidth at low cost as soon as possible. The role of the four organisations initiating the project is to identify the inhibitors to accessing high bandwidth at low cost in Melbourne and address the issues in order to solve these problems.

The focus of the Project therefore is to address the 'last mile', providing high bandwidth telecommunications infrastructure to businesses and residents in Melbourne, allowing for numerous carriers to provide services to a multitude of tenants and owners. Digital River will connect businesses and residents locally, nationally and internationally to high quality digital services, such as:-

- E-Commerce;
- E-Learning;
- Application Service Providers;
- Internet Service Providers;
- Entertainment; and
- Virtual Communities.

A first phase in the project is nearing completion. A Digital Building Access Code was completed in draft form in June 2001. It includes a Code of Conduct for Building Management and a Code of Conduct for Telecommunications Carriers. The aim of the code is to:-

*"encourage a competitive market within city buildings for telecommunications services through competition, higher quality and lower costs. The provision of a minimum accommodation per carrier can give more carriers the opportunity to move into a building, ensuring that no one carrier can dominate service provision within the building."*

#### Digital River: City of Yarra

The City of Yarra is located outside the scope of Digital River study area. However Yarra is of strategic significance in Melbourne's economy. Yarra's growth in Business Services and in Information Technology reflects a growing trend as well as a preference for businesses to base themselves in Yarra.

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In light of Digital River, Council's role is to investigate the issues involved in the provision of low cost bandwidth connections. An appreciation of the issues can be better understood through;

- literature reviews: in order to understand the issues involved;
- discussions with the initiators of Digital River
  - City of Melbourne;
  - Docklands Authority;
  - Committee for Melbourne; and
  - Property Council of Australia; and
- property analysis: To assess the scope of a similar project in Yarra.

Cost has already been identified as a major inhibitor of the Digital River Project; a similar project in Yarra is unrealistic. However, a number of conditions exist for Yarra to assess it's own position in the provision of high bandwidth cables. These include:-

- Digital River Project; research is progressively being completed by the Project team;
- the size and volume of Yarra's commercial buildings in significantly less than those in the CBD;
- lower building densities;
- Yarra's proximity to the CBD; and
- Council's commitment to 'build, support and innovate' as a key commitment in the City Plan (2001-2004).

Digital River recognises that the provision of high bandwidth cables to businesses is not only incentive to retain and attract businesses to Melbourne, but a criteria which will determine whether businesses will establish themselves in Melbourne. This recognition is also significant in Yarra. The provision of business infrastructure in Yarra is significant in complementing other conditions which make Yarra an attractive place for businesses to establish themselves.

## Appendix 2 - Business Reference Group

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Richard Healy	Places Australia
Ian Price	Teska Carson
Jan O'Connor	Tea Too
Robert Swords	Swords Wines
Anne Lewis	Business Matrix
Ian Fayman	Australia Dyeing Company
Peter Gandolfo	Neopurple
John Hill	BASS Software
Tim Cremean	Business Enterprise Centre, Kangan Batman TAFE
David Grant	Carlton & United Breweries
Kent Robinson	Carlton & United Breweries

## Appendix 3 - Workshop Participants

Ben Genser	Belgrave Group of Companies	Dianne Corr	Bridge Road Main Street Committee (BRMS)
Bill Hegarty	Real Estate Gallery, Everywhere.com	Harry Fung	Café Barbera
Brian Turner	Little Brosnan	Kelvin Monsborough	Café Barbera
Chris O'Shaughnessy	Biggin & Scott	Kent Robinson	Carlton & United Breweries
Daryl Simmons	Multiplex	George Girech	George Black Textile Group
Fred Dumar	Fred Dumar & Associates	Ivan Butterworth	Collingwood Tyre & Brake
Greg Tucker	GTA & Associates	John Mayall	Mayall Australia
John Costanzo	Chambers Real Estate	Craig A McIntosh	Mayall Australia
Lucky Teneketzis	Teneketzis Commercial Industrial	Neville Schot	Schot Restoration
Sonya Miller	Multiplex	Graham Slattery	High & Mighty Menswear
Wayne Henderson	Bladen Gibson	Mr S Crawford	Turning Point Alcohol & Drug Centre
Julie Trace	Book Talk	Marcia Albrando	VICTEC Group Training
Des Brennan	Book Talk	Maurice Graham	VICTEC Group Training
Ken Fraser	The Bookshelf. President, Bridge Road Main Street (BRMS)	Andrew Tsindos	Healthscope T/A The Melbourne Clinic
Lym Fraser	The Bookshelf Secretary, Bridge Road Main Street (BRMS)	Denis Hogg	Epworth Hospital
Brian Miers	Eagle Leather	Sandra Morris	Epworth Hospital
Deb Paez	Brunswick Street StreetLife Coordinator	Holger Helliger	Clifton Hill Medical Group
Marilyn Parker	Jasper Coffee President, Brunswick Street Business Association (BSBA)	Anthony O'Brien	Kangan Batman Tafe
Maria Frendo	Dantes, Gertrude Street Traders Association (GSTA)	Rod Wilson	Innereast Community Health Service
Veto Tandora	Prime Prospects List Marketing	Demos Krouskos	North Richmond Community Health Centre
Victor Frendo	Dantes, Gertrude Street Traders Association (GSTA)	Josephine Southwell	Royal District Nursing Service
Frank Raso	Vertigo	Jacquie O'Brien	VFITB
John Beckwith	Nicholson Street Association (NSA)	Anna Clark	St Vincents & Mercy Private Hospital
Michelle Davies	Kleen Design	Theo Rigopoulos	Whiting & Delaney
Myrto Aretakis	Smith Street Business Network (SSN)	Mr Yew	Yew Co
Paul Grimbley	Tizar	John Jennings	APM Projects
Paul Davies	Rathdowne Village Business Association (RVBA)	Arthur D'Aprano	Screen Art Productions
Tom Stevens	Mexicala Food Store More	John Herniman	Herniman Associates
Astrid Stevens	Mexicala Food Store More	Jane Gibb	Church Street Nursery
Dianne Andrews	On Que Plus Treasurer Bridge Road Main Street (BRMS)	Ian Lambert	Recruitnet
Adrian Mordech	UFO – The Ultimate Factory Outlet. Bridge Road Main Street (BRMS)	Chris Poole	Chris Poole Translation
		Phillip Harmer	Harmer Architects
		Greg Tucker	GTA Consultants
		Brian Strafford	Architect & Landscape Architects
		David Chidgey	Kesem International
		Ray Kennedy	Finsbury Way Production Co
		Cam Nguyen	Australian Vietnamese Womens Welfare Association
		David Earle	APCO Architects

## Appendix 4 - References

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1. Economic Development Strategy (City of Yarra 1996)
2. Industry and Business Activity: Trends and Opportunities (Ratio July 2000)
3. Activities Centres Strategy Study (WSC August 1996)
4. Jobs, Employment and Travel Patterns in the MSD and City of Yarra (June 1998)
5. ABS Census 1996
6. Suburbs in Time (Department of Infrastructure 2000)
7. Inner Metropolitan Region Industrial and Commercial Land Use Project, (IMRA 1990)
8. Home Based Business Study (Essential Economics 1999)
9. Yarra Planning Scheme, including Municipal Strategic Statement, (City of Yarra 1999)
10. City Link 'Pre-Opening' Traffic Volumes (Andrew O'Brien & Associates September 1999)
11. City Link Pre-Opening Traffic Data (Andrew O'Brien & Associates October 1999)
12. Population (Historic and Forecast) data (Department of Infrastructure 2001)
13. Households (Historic and Forecast) data (Department of Infrastructure 2001)
14. Journey to Work (ABS Census 1996)
15. ABS Business Register (ABS 1998)
16. Labour Force, Victoria (ABS 2001)
17. Summary of Planning Applications valued over \$250,000 (City of Yarra 2001)
18. It's a wrap: A summary of the Villages of Yarra StreetLife Program (City of Yarra 1999)
19. Victoria Gardens: Design Outline (City of Yarra 2001)
20. Crime Prevention Victoria (Crime Prevention Victoria 2001)
21. Business Matrix Information Kit (Business Matrix, 2001)
22. Digital Building Access Code: Code of Conduct for Telecommunications Carriers (City of Melbourne, April 2001)
23. Digital Building Access Code: Code of Conduct for Building Management (City of Melbourne, April 2001)

## Notes

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## Data Set A: Population Forecasts 1996 - 2021

**Table A1: Population Forecast by Age**

Source: Department of Infrastructure (2000)  
City of Yarra

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Persons aged 0- 4	2,891	2,925	2,950	2,966	2,977	2,978	2,970	2,971	2,960	2,957	2,953
Persons aged 5- 9	2,319	2,207	2,133	2,074	2,034	2,009	2,020	2,028	2,013	2,033	2,022
Persons aged 10-14	2,098	2,047	1,984	1,936	1,882	1,845	1,775	1,728	1,686	1,662	1,646
Persons aged 15-19	2,886	2,857	2,824	2,787	2,754	2,721	2,689	2,656	2,652	2,593	2,556
Persons aged 20-24	8,194	8,186	8,196	8,193	8,207	8,198	8,179	8,154	8,143	8,143	8,151
Persons aged 25-29	11,373	11,319	11,277	11,197	11,112	11,095	11,078	11,096	11,109	11,127	11,114
Persons aged 30-34	9,190	9,567	9,761	9,846	9,877	9,764	9,670	9,604	9,524	9,471	9,462
Persons aged 35-39	6,283	6,307	6,370	6,486	6,664	6,918	7,144	7,251	7,305	7,294	7,193
<b>Total</b>	<b>45,234</b>	<b>45,415</b>	<b>45,495</b>	<b>45,485</b>	<b>45,507</b>	<b>45,528</b>	<b>45,525</b>	<b>45,488</b>	<b>45,392</b>	<b>45,280</b>	<b>45,097</b>
Persons aged 40-44	4,670	4,714	4,792	4,873	4,881	4,887	4,886	4,911	5,001	5,089	5,257
Persons aged 45-49	3,781	3,793	3,830	3,845	3,878	3,930	3,960	4,010	4,073	4,051	4,040
Persons aged 50-54	3,547	3,474	3,415	3,411	3,416	3,427	3,440	3,468	3,486	3,513	3,554
Persons aged 55-59	2,805	3,005	3,132	3,193	3,229	3,243	3,182	3,138	3,148	3,142	3,156
<b>Total</b>	<b>14,803</b>	<b>14,986</b>	<b>15,169</b>	<b>15,322</b>	<b>15,404</b>	<b>15,487</b>	<b>15,468</b>	<b>15,527</b>	<b>15,708</b>	<b>15,795</b>	<b>16,007</b>
Persons aged 60-64	2,232	2,282	2,349	2,434	2,507	2,607	2,791	2,911	2,942	3,007	3,026
Persons aged 65-69	1,969	1,946	1,935	1,936	1,968	1,985	2,028	2,087	2,177	2,233	2,321
Persons aged 70-74	1,726	1,700	1,698	1,677	1,681	1,662	1,648	1,641	1,661	1,672	1,690
Persons aged 75-79	1,400	1,426	1,436	1,450	1,451	1,455	1,432	1,433	1,407	1,422	1,406
Persons aged 80-84	811	861	897	948	954	977	998	1,003	991	1,014	1,022
Persons aged 85-89	515	476	456	431	455	488	523	544	587	581	598
Persons aged 90+	269	287	301	316	317	316	305	300	259	320	331
<b>Total</b>	<b>8,922</b>	<b>8,978</b>	<b>9,072</b>	<b>9,192</b>	<b>9,333</b>	<b>9,490</b>	<b>9,725</b>	<b>9,919</b>	<b>10,024</b>	<b>10,249</b>	<b>10,394</b>
<b>Total persons</b>	<b>68,959</b>	<b>69,379</b>	<b>69,736</b>	<b>69,999</b>	<b>70,244</b>	<b>70,505</b>	<b>70,718</b>	<b>70,934</b>	<b>71,124</b>	<b>71,324</b>	<b>71,498</b>

2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
2,948	2,894	2,933	2,928	2,920	2,913	2,906	2,900	2,897	2,897	
2,012	2,031	1,998	1,987	1,986	1,977	1,975	1,963	1,957	1,954	
1,650	1,671	1,648	1,644	1,634	1,631	1,619	1,615	1,607	1,605	
2,514	2,484	2,452	2,418	2,398	2,390	2,384	2,372	2,364	2,351	
8,176	8,213	8,210	8,174	8,127	8,095	8,049	7,994	7,932	7,894	
11,084	11,064	11,038	11,075	11,105	11,135	11,158	11,171	11,147	11,090	
9,459	9,477	9,503	9,513	9,514	9,489	9,471	9,471	9,518	9,554	
7,112	7,078	7,005	6,961	6,957	6,962	6,984	7,002	7,017	7,023	2001-2021
<b>44,955</b>	<b>44,912</b>	<b>44,787</b>	<b>44,700</b>	<b>44,641</b>	<b>44,592</b>	<b>44,546</b>	<b>44,488</b>	<b>44,439</b>	<b>44,368</b>	<b>-1.91%</b>
5,409	5,472	5,499	5,497	5,418	5,351	5,306	5,272	5,242	5,243	
4,027	4,052	4,075	4,152	4,277	4,391	4,441	4,454	4,451	4,385	
3,579	3,618	3,649	3,637	3,616	3,594	3,592	3,621	3,681	3,786	
3,172	3,202	3,216	3,245	3,284	3,311	3,339	3,365	3,350	3,330	2001-2021
<b>16,187</b>	<b>16,344</b>	<b>16,439</b>	<b>16,531</b>	<b>16,595</b>	<b>16,647</b>	<b>16,678</b>	<b>16,712</b>	<b>16,724</b>	<b>16,744</b>	<b>13.11%</b>
2,972	2,932	2,941	2,949	2,962	2,978	3,008	3,026	3,056	3,094	
2,486	2,604	2,647	2,683	2,701	2,657	2,631	2,639	2,647	2,664	
1,727	1,776	1,843	1,904	1,979	2,122	2,218	2,266	2,300	2,323	
1,399	1,405	1,409	1,441	1,465	1,502	1,547	1,609	1,668	1,737	
1,003	995	1,002	1,007	1,005	1,006	1,011	1,026	1,055	1,073	
613	609	625	628	634	621	634	630	636	641	
343	302	364	375	389	397	399	418	423	427	2001-2021
<b>10,543</b>	<b>10,623</b>	<b>10,831</b>	<b>10,987</b>	<b>11,135</b>	<b>11,283</b>	<b>11,448</b>	<b>11,614</b>	<b>11,785</b>	<b>11,959</b>	<b>34.04%</b>
<b>71,685</b>	<b>71,879</b>	<b>72,057</b>	<b>72,218</b>	<b>72,371</b>	<b>72,522</b>	<b>72,672</b>	<b>72,814</b>	<b>72,948</b>	<b>73,071</b>	

## Data Set B: Employment Statistics 1994 - 1998

**Table B1: City of Yarra  
Comparison of 1994 and 1998 Employment**

Source: ABS Business Register (1998)

MELBOURNE REGIONS	ANZSIC	1994	1998	Change	
				No.	%
<b>Commercial Services</b>					
Finance	73	1,411	1,319	-92	-6.5
Insurance	74	10	50	40	390.2
Services to Finance & Insurance	75	260	846	586	225.1
Property Services	77	531	935	404	76.0
Business Services	78	6,006	11,105	5,099	84.9
Personal Services	95	1,043	1,195	152	14.6
Other Services	96	1,123	1,948	825	73.5
Private Households Employing Staff	97	0	0	0	0.0
<b>Total</b>		<b>10,383</b>	<b>17,398</b>	<b>7,015</b>	<b>67.6</b>
<b>Hospitality Services</b>					
Accommodation Cafes & Restaurants	57	2,453	4,139	1,686	68.7
<b>Total</b>		<b>2,453</b>	<b>4,139</b>	<b>1,686</b>	<b>68.7</b>
<b>Community Services and Government</b>					
Government Administration	81	1,071	1,380	309	28.8
Defence	82	0	0	0	0.0
Education	84	1,435	2,255	820	57.1
Health Services	86	6,830	8,639	1,809	26.5
Community Services	87	1,312	2,538	1,226	93.4
Film Radio & Television Services	91	1,110	1,201	91	8.2
Libraries Museums & the Arts	92	302	448	146	48.4
<b>Total</b>		<b>12,060</b>	<b>16,461</b>	<b>4,401</b>	<b>36.5</b>
<b>Retail and Wholesale</b>					
Basic Material Wholesaling	45	821	820	-1	-0.1
Machinery & Motor Vehicle Wholesaling	46	2,746	3,009	263	9.6
Personal & Household Goods Wholesaling	47	5,517	5,117	-400	-7.3
Food Retailing	51	1,159	1,878	719	62.1
Personal & Household Goods Retailing	52	2,316	3,379	1,063	45.9
Motor Vehicle Retailing & Services	53	1,264	1,603	339	26.8
<b>Total</b>		<b>13,823</b>	<b>15,806</b>	<b>1,983</b>	<b>14.3</b>
<b>Manufacturing</b>					
Food Beverage & Tobacco Manufacturing	21	2,398	1,968	-430	-17.9
Textile Clothing & Footwear Manufacturing	22	5,026	4,302	-724	-14.4
Wood & Paper Product Manufacturing	23	289	273	-16	-5.6
Printing Publishing & Recorded Media	24	1,842	1,763	-79	-4.3
Petroleum & Chemical Product Manufacturing	25	679	384	-295	-43.4
Non-Metallic Mineral Product Manufacturing	26	5	44	39	816.7
Metal Product Manufacturing	27	1,140	438	-702	-61.6
Machinery & Equipment Manufacturing	28	874	955	81	9.2
Other Manufacturing	29	534	533	-1	-0.2
<b>Total</b>		<b>12,787</b>	<b>10,660</b>	<b>-2,127</b>	<b>-16.6</b>
<b>Other</b>					
"Agriculture, Forestry and Fishing"	1,2,3,4	0	0	0	0.0
Mining	11,12,13,14,15	0	0	0	0.0
Electricity & Gas Supply	36	0	0	0	0.0
Water Supply & Sewerage Services	37	0	0	0	0.0
General Construction	41	761	1,333	572	75.1
Construction Trade Services	42	1,303	1,248	-55	-4.2
Transport	61,67	941	1,257	316	33.6
Communication Services	71	775	938	163	21.1
Sport & Recreation	93	398	513	115	28.8
<b>Total</b>		<b>4,178</b>	<b>5,289</b>	<b>1,111</b>	<b>26.6</b>
<b>GRAND TOTAL</b>		<b>55,685</b>	<b>69,753</b>	<b>14,068</b>	<b>25.3</b>

**TABLE B2: Critical Analysis of Business Employment in the City of Yarra**

Source: ABS Business Register Data (1998).

ANZSIC INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	EMPLOYMENT NUMBER	TOP ONE HUNDRED COMPANIES IN THE CITY OF YARRA*		PROPORTION OF EMPLOYMENT IN CITY'S LEADING COMPANIES
			ESTABLISHMENTS	EMPLOYMENT	
Petroleum, Coal, Chemical and Associated Product Manufacturing	20	384	6	520	>90%
Wood and Paper Product Manufacturing	29	273	4	360	>90%
Government Administration	22	1,380	5	860	62.3%
Finance	102	1,319	1	800	60.7%
Textile, Clothing, Footwear and Leather Manufacturing	299	4,302	17	2,520	58.6%
Food, Beveridge and Tobacco Manufacturing	45	1,968	3	1,100	55.9%
Communication Services	47	938	2	500	53.3%
Health Services	747	8,639	7	4,200	48.6%
Metal Product Manufacturing	54	438	2	210	47.9%
Education	139	2,255	5	1,040	46.1%
Motion Picture, Radio and Television Services	107	1,201	2	500	41.6%
Business Services	1,598	11,105	24	3,355	30.2%
Road Transport	173	1,257	2	350	27.8%
Machinery and Equipment Manufacturing	75	955	1	220	23.0%
Food Retailing	255	1,878	3	310	16.5%
Personal and Household Good Retailing	692	3,379	4	390	11.5%
Personal and Household Good Wholesaling	717	5,117	6	450	8.8%
Personal Services	244	1,195	1	100	8.4%
Machinery and Motor Vehicle Wholesaling	238	3,009	3	240	8.0%
Other Services	197	1,948	1	100	5.1%
Accommodation, Cafes and Restaurants	460	4,139	1	85	2.1%
<b>Total</b>	<b>6,260</b>	<b>57,079</b>	<b>100</b>	<b>18,210</b>	<b>31.9%</b>

\*The top 100 Companies in the City of Yarra as at 15/01/01

**Table B3: Labour Force, Victoria  
Unemployment by Region**

Source: Australian Bureau of Statistics, February, 2001

Region	15-24	25-34	35-44	45-54	55 and over	Total #	Total %
Inner Melbourne	12.9	4.0	5.9	4.3	4.5	"9,700"	6.1
Inner Eastern Melbourne	8.8	4.6	4.8	4.1	1.5	"15,100"	5.0
North Western Melbourne	12.5	9.7	6.5	6.2	0.0	"11,400"	8.4
Outer Western Melbourne	17.0	3.8	6.4	8.0	5.9	"22,500"	8.0
North Eastern Melbourne	8.7	6.3	5.6	2.0	8.1	"12,100"	5.7
Southern Melbourne	12.5	3.3	6.9	3.3	5.6	"12,200"	6.3

**Inner Melbourne**

Yarra  
Melbourne  
Port Phillip  
West portion of Stonnington

**Inner Eastern Melbourne**

Boroondara  
Manningham  
Whitehorse  
Monash

**North Western Melbourne**

Hume  
Moreland

**Outer Western Melbourne**

Melton  
Wyndham  
Brimbank  
Hobsons Bay  
Moonee Valley  
Maribyrnong

**North Eastern Melbourne**

Whittlesea  
Nillumbik  
Darebin  
Banyule

**Southern Melbourne**

Eastern portion of Stonnington  
Glen Eira  
Bayside  
Kingston

**Unemployment by Region**

Australian Bureau of Statistics, March, 2001

Region	Total %
Inner Melbourne	7.1
Inner Eastern Melbourne	5.8
North Western Melbourne	8.7
Outer Western Melbourne	8.0
North Eastern Melbourne	5.8
Southern Melbourne	5.6

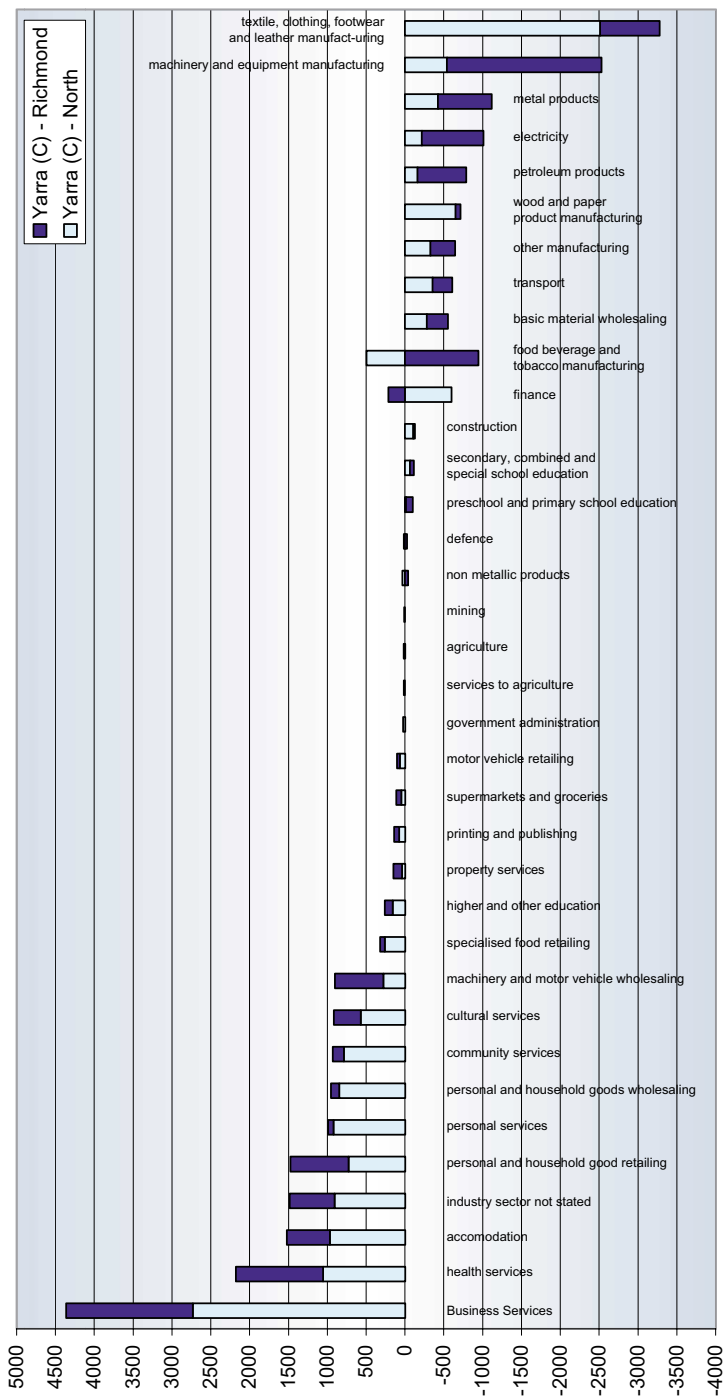
**Unemployment by SLA (1999-2000)**

Australian Bureau of Statistics, December, 2000

SLA	Dec-99	Mar-00	Jun-00	Sep-00	Dec-00
	%	%	%	%	%
Yarra - North	9.3	7.6	8.1	7.7	7.5
Yarra - Richmond	6.8	5.2	5.7	5.7	5.4
	<b>Total</b>	<b>Total</b>	<b>Total</b>	<b>Total</b>	<b>Total</b>
Yarra - North	2,409	1,872	1,968	1,998	2,002
Yarra - Richmond	964	701	754	812	789

**Figure B1: Change in Employment Trends (1981 to 1996)**

Source: Journey to Work (Australian Bureau of Statistics 1996)



## Data Set C: Business Investment 1994 - 1998

**Table C1: City of Yarra  
Comparison of 1994 and 1998  
Establishments**

Source: ABS Business Register (1998)

MELBOURNE REGIONS	ANZSIC	1994	1998	Change	
				No.	%
<b>Commercial Services</b>					
Finance	73	103	102	-1	-0.6
Insurance	74	7	16	9	138.1
Services to Finance & Insurance	75	75	154	79	105.6
Property Services	77	160	237	77	47.9
Business Services	78	781	1,598	817	104.6
Personal Services	95	153	244	91	59.1
Other Services	96	106	197	91	85.2
Private Households Employing Staff	97	1	1	0	-10.7
<b>Total</b>		<b>1,386</b>	<b>2,549</b>	<b>1,163</b>	<b>83.9</b>
<b>Hospitality Services</b>					
Accommodation Cafes & Restaurants	57	281	460	179	63.8
<b>Total</b>		<b>281</b>	<b>460</b>	<b>179</b>	<b>63.8</b>
<b>Community Services and Government</b>					
Government Administration	81	27	22	-5	-19.8
Defence	82	1	2	1	100.0
Education	84	105	139	34	32.5
Health Services	86	452	747	295	65.3
Community Services	87	132	159	27	20.2
Film Radio & Television Services	91	84	107	23	26.9
Libraries Museums & the Arts	92	52	97	45	86.4
<b>Total</b>		<b>854</b>	<b>1,273</b>	<b>419</b>	<b>49.1</b>
<b>Retail and Wholesale</b>					
Basic Material Wholesaling	45	109	113	4	3.9
Machinery & Motor Vehicle Wholesaling	46	211	238	27	12.6
Personal & Household Goods Wholesaling	47	565	717	152	27.0
Food Retailing	51	191	255	64	33.2
Personal & Household Goods Retailing	52	411	692	281	68.3
Motor Vehicle Retailing & Services	53	207	244	37	18.1
<b>Total</b>		<b>1,694</b>	<b>2,259</b>	<b>565</b>	<b>33.3</b>
<b>Manufacturing</b>					
Food Beverage & Tobacco Manufacturing	21	50	45	-5	-9.6
Textile Clothing & Footwear Manufacturing	22	284	299	15	5.3
Wood & Paper Product Manufacturing	23	24	29	5	18.7
Printing Publishing & Recorded Media	24	137	174	37	26.9
Petroleum & Chemical Product Manufacturing	25	24	20	-4	-16.4
Non-Metallic Mineral Product Manufacturing	26	9	14	5	58.4
Metal Product Manufacturing	27	78	54	-24	-31.0
Machinery & Equipment Manufacturing	28	75	75	0	0.4
Other Manufacturing	29	75	86	11	14.2
<b>Total</b>		<b>756</b>	<b>796</b>	<b>40</b>	<b>5.2</b>
<b>Other</b>					
Agriculture, Forestry and Fishing	1,2,3,4	7	10	3	35.9
Mining	11,12,13,14,15	1	2	1	47.1
Electricity & Gas Supply	36	4	5	1	21.4
Water Supply & Sewerage Services	37	1	0	-1	-100.0
General Construction	41	87	157	70	80.6
Construction Trade Services	42	146	207	61	41.5
Transport	61,67	105	173	68	64.4
Communication Services	71	28	47	19	66.7
Sport & Recreation	93	72	95	23	31.3
<b>Total</b>		<b>453</b>	<b>696</b>	<b>243</b>	<b>53.7</b>
<b>GRAND TOTAL</b>		<b>5,143</b>	<b>7,573</b>	<b>2,430</b>	<b>48.1</b>

## Data Set D: Top 100 Companies by Employment 2001

**Table D1: City of Yarra: Listing of Top 100 Establishments by Employment (2001)**

Source: Survey by Ratio Consultants, June 2001

Rank	Business Name	Suburb	Employees	ANZSIC 2 Digit Division
1	ST VINCENTS HOSPITAL	Fitzroy	1,800	Health Services
2	EPWORTH HOSPITAL	Richmond	1,000	Health Services
3	ANZ CARD SERVICES	Richmond	800	Finance
4	AUSTRALIAN CATHOLIC UNIVERSITY	Fitzroy	700	Education
5	CARLTON & UNITED BREWERIES	Abbotsford	700	Food Beverage and Tobacco Manufacturing
6	ST VINCENTS PRIVATE HOSPITAL	Fitzroy	600	Health Services
7	GE CAPITAL	Richmond	600	Business Services
8	MELBOURNE PATHOLOGY	Collingwood	450	Health Services
9	COOGI	Abbotsford	450	Textile Clothing Footwear & Leather Manufacturing
10	CHANNEL 9	Richmond	400	Motion Picture, Radio & Television Services
11	NOVARE	Richmond	400	Business Services
12	CITY OF YARRA	Richmond	390	Government Administration
13	WESTONS BAKED FOODS	Abbotsford	350	Food Beverage and Tobacco Manufacturing
14	NIKE AUSTRALIA	Collingwood	300	Textile Clothing Footwear & Leather Manufacturing
15	COUNTRY ROAD	Richmond	250	Textile Clothing Footwear & Leather Manufacturing
16	HONEYWELL	Abbotsford	250	Business Services
17	HUTCHISON TELECOMS	Richmond	220	Business Services
18	NHP ELECTRICAL ENGINEERING	Richmond	220	Machinery & Equipment Manufacturing
19	DEPARTMENT OF HUMAN SERVICES	Fitzroy	220	Government Administration
20	PACIFIC ACCESS (YELLOW PAGES)	Abbotsford	220	Business Services
21	AUSTRALIAN DIRECTORY SERVICES	Abbotsford	200	Business Services
22	AMCOR (AUSTRALIAN PAPER)	Alphington	200	Wood & Paper Product Manufacturing
23	JUST JEANS	Richmond	200	Textile Clothing Footwear & Leather Manufacturing
24	MELBOURNE CLINIC	Richmond	200	Health Services
25	NATIONAL BUS COMPANY	North Fitzroy	200	Road Transport
26	QUADRANT RESEARCH SERVICES (VIC)	Richmond	200	Business Services
27	TELSTRA - MOBILE COMMUNICATIONS	Collingwood	200	Communications Services
28	LUCENT TECHNOLOGIES	Collingwood	200	Communications Services
29	CITIPOWER	Richmond	160	Electricity & Gas Supply
30	COMPUTERSHARE	Abbotsford	150	Business Services
31	COMMUNITIQUE	Fitzroy	150	Business Services
32	MATTEL	Richmond	150	Business Services
33	ALSTOM	Burnley	150	Road Transport
34	URS AUSTRALIA	Richmond	140	Business Services
35	SAFEWAY-FITZROY	Fitzroy	140	Food Retailing
36	HOUSE OF STITCHES	Richmond	130	Textile Clothing Footwear & Leather Manufacturing
37	CASH J&J	Richmond	130	Metal Product Manufacturing
38	HOLEPROOF	North Fitzroy	130	Textile Clothing Footwear & Leather Manufacturing
39	YOUNG AND RUBICAM MATTINGLY	Richmond	125	Business Services
40	AUSTRALIAN DYEING COMPANY	Clifton Hill	120	Textile Clothing Footwear & Leather Manufacturing
41	GLOWEAVE CONSOLIDATED	Fitzroy	120	Textile Clothing Footwear & Leather Manufacturing
42	PALMER CORPORATION	Richmond	120	Textile Clothing Footwear & Leather Manufacturing
43	NTHN METROPOLITAN COLLEGE OF TAFE: COLLINGWOOD CAMPUS	Collingwood	120	Education
44	PACIFIC DUNLOP	Richmond	120	Business Services
45	BEAVER PLASTICS	Richmond	110	Petroleum Coal Chemical & Associated Product Manufacturing
46	OFFICEWORKS	Richmond	100	Personal and Household Good Retailing
47	AUSTRALIAN EDUCATION UNION	Abbotsford	100	Government Administration
48	AUSTRALIAN RADIOS NETWORK (TT FM & GOLD FM)	Richmond	100	Motion Picture, Radio & Television Services
49	KANGAN BATMAN TAFE	Richmond	100	Education
50	COLES MYER - RETAIL TECHNOLOGY SYSTEMS	Collingwood	100	Personal & Household Goods Retailing

51	COLES NEW WORLD - RICHMOND PLAZA	Richmond	100	Food Retailing
52	DDB	Richmond	100	Business Services
53	DIALOGUE	Fitzroy	100	Textile Clothing Footwear & Leather Manufacturing
54	DIMMEYS	Richmond	100	Personal & Household Goods Retailing
55	GIBBS BURGE	Richmond	100	Textile Clothing Footwear & Leather Manufacturing
56	MAYALL AUSTRALIA	Richmond	100	Textile Clothing Footwear & Leather Manufacturing
57	PORSCHE CARS AUSTRALIA	Richmond	100	Machinery & Motor Vehicle Wholesaling
58	SPOTLESS LINEN	Abbotsford	100	Personal Services
59	TURNING POINT	Fitzroy	100	Health Services
60	AMRAD NATURAL PRODUCTS	Richmond	100	Petroleum Coal Chemical & Associated Product Manufacturing
61	AUSTRALIAN VOLUNTEERS INTERNATIONAL	Fitzroy	100	Other Services
62	HARDCORE ENTERPRISES	Abbotsford	100	Personal and Household Good Wholesaling
63	IN ESSENCE AROMATHERAPY	Fitzroy	100	Petroleum Coal Chemical & Associated Product Manufacturing
64	PROFESSIONAL INTERPRETING CENTRE	Richmond	100	Business Services
65	BRITISH AEROSPACE AUSTRALIA	Abbotsford	100	Business Services
66	ISLAND FOODS	Abbotsford	90	Personal & Household Goods Wholesaling
67	PORTMANS	Richmond	90	Textile Clothing Footwear & Leather Manufacturing
68	HEIDELBERG PRINTING	Richmond	90	Personal and Household Good Retailing
69	HARRY THE HIRER	Richmond	85	Business Services
70	RYDGES RIVERWALK	Richmond	85	"Accommodation, Cafes & Restaurants"
71	CAMPBELLS CASH & CARRY	Richmond	80	Personal & Household Good Wholesaling
72	MEI & PICCHI (AUSTRALIA)	Fitzroy	80	Business Services
73	NATIONAL CAN	Clifton Hill	80	Metal Product Manufacturing
74	VICTORIAN DAIRY INDUSTRY AUTHORITY	Richmond	80	Government Administration
75	HEIDELBERG AUSTRALIA	Richmond	80	Machinery and Motor Vehicle Wholesaling
76	LINGERIE CO OF AUSTRALIA	Collingwood	80	Textile Clothing Footwear & Leather Manufacturing
77	SALESFORCE	Richmond	80	Business Services
78	OAMPS INSURANCE BROKERS	Abbotsford	75	Business Services
79	WOODWARD CLYDE	Richmond	75	Business Services
80	ANGLO ITALIAN CONCRETE	Abbotsford	75	Construction Trade Services
81	ASSOCIATED RETAILERS (ARL)	Richmond	70	Personal & Household Goods Wholesaling
82	DAVENPORT	Abbotsford	70	Textile Clothing Footwear & Leather Manufacturing
83	McDONALD'S - VICTORIAN REGIONAL OFFICE	Collingwood	70	Food Retailing
84	MOTOROLA	Richmond	70	Business Services
85	VENCORP	Collingwood	70	Government Administration
86	PORTA MOULDINGS	Alphington	65	Wood & Paper Product Manufacturing
87	WSL CONSULTANTS	Richmond	65	Business Services
88	BOND COLOUR LABORATORIES	Richmond	60	Petroleum Coal Chemical & Associated Product Manufacturing
89	CATO PARTNERS	Richmond	60	Business Services
90	COMMUNITY AID ABROAD	Fitzroy	60	Other Services
91	MELBOURNE GIRLS COLLEGE	Richmond	60	Education
92	INSTITUTE OF LAND AND FOOD RESOURCES - BURNLEY CAMPUS	Richmond	60	Education
93	FD & C WINE	Fitzroy North	60	Personal and Household Good Wholesaling
94	SAMPFORD AND STAFF	Fitzroy	60	Machinery and Motor Vehicle Wholesaling
95	MIETER 3	Richmond	60	Business Services
96	AAPT	Richmond	55	Business Services
97	BASS SOFTWARE	Richmond	50	Business Services
98	CONTAINERS PACKAGING	Abbotsford	50	Petroleum Coal Chemical & Associated Product Manufacturing
99	ESANDA - FLEET PARTNERS	Clifton Hill	50	Business Services
100	NEWMANS CHOCOLATES	Richmond	50	Food Beverage and Tobacco Manufacturing

## Data Set E: Employment Forecasts 1981 - 2000

**Table E1: Workers by Sector (1996)**

Source: ABS Journey To Work Data (1996)

INDUSTRY GROUP AND CATEGORIES	ANZSIC CATEGORIES	Yarra (C) - North	Yarra (C) - Richmond	Total
<b>Commercial Services</b>				
Finance	73	516	574	1,090
Insurance	74	0	0	0
Services to Finance & Insurance	75	0	0	0
Property Services	77	251	280	531
Business Services	78	3,652	2,593	6,245
Personal Services	95	1,687	573	2,260
Other Services	96	0	0	0
Private Households Employing Staff	97	0	0	0
<b>Total</b>		<b>6,106</b>	<b>4,020</b>	<b>10,126</b>
<b>Hospitality Services</b>				
Accommodation Cafes & Restaurants	57	1,633	923	2,556
<b>Total</b>		<b>1,633</b>	<b>923</b>	<b>2,556</b>
<b>Community Services and Government</b>				
Government Administration	81	499	262	761
Defence	82	30	3	33
Education	84	1,377	553	1,930
Health Services	86	5,030	2,101	7,131
Community Services	87	1,177	257	1,434
Film Radio & Television Services	91	762	979	1,741
Libraries Museums & the Arts	92	0	0	0
<b>Total</b>		<b>8,875</b>	<b>4,155</b>	<b>13,030</b>
<b>Retail and Wholesale</b>				
Basic Material Wholesaling	45	221	288	509
Machinery & Motor Vehicle Wholesaling	46	1,069	1,138	2,206
Personal & Household Good Wholesaling	47	2,435	1,246	3,681
Food Retailing	51	976	588	1,564
Personal & Household Good Retailing	52	1,787	1,938	3,725
Motor Vehicle Retailing & Services	53	603	463	1,066
<b>Total</b>		<b>7,091</b>	<b>5,661</b>	<b>12,752</b>
<b>Manufacturing</b>				
Food Beverage & Tobacco Manufacturing				
Textile Clothing & Footwear Manuf.	22	2,811	1,612	4,423
Wood & Paper Product Manufacturing	23	338	82	420
Printing Publishing & Recorded Media	24	1,100	485	1,586
Petroleum & Chemical Product Mfg	25	120	199	319
Non-Metallic Mineral Product Manuf.	26	68	55	123
Metal Product Manufacturing	27	212	433	645
Machinery & Equipment Manufacturing	28	481	427	908
Other Manufacturing	29	418	189	607
<b>Total</b>		<b>6,920</b>	<b>3,736</b>	<b>10,656</b>
<b>Other</b>				
Agriculture, Forestry and Fishing	1,2,3,4,5	3	15	18
Mining	11,12,13,14,15	6	6	12
Electricity & Gas Supply	36	167	296	463
Water Supply & Sewerage Services	37	0	0	0
General Construction	41	1,129	850	1,979

**Table E2: Establishments by Sector (1998)**

Source: ABS Business Register (1998)

INDUSTRY GROUP AND CATEGORIES	ANZSIC CATEGORIES	Yarra (C) - North	Yarra (C) - Richmond	Total
<b>Commercial Services</b>				
Finance	73	71	31	102
Insurance	74	12	4	16
Services to Finance & Insurance	75	98	56	154
Property Services	77	155	82	23
Business Services	78	1066	532	1598
Personal Services	95	146	98	244
Other Services	96	156	41	197
Private Households Employing Staff	97	1	0	1
<b>Total</b>		<b>1705</b>	<b>844</b>	<b>2549</b>
<b>Hospitality Services</b>				
Accommodation Cafes & Restaurants	57	337	123	460
<b>Total</b>		<b>337</b>	<b>123</b>	<b>460</b>
<b>Community Services and Government</b>				
Government Administration	81	15	7	22
Defence	82	2	0	2
Education	84	101	38	139
Health Services	86	500	247	747
Community Services	87	125	34	159
Film Radio & Television Services	91	71	36	107
Libraries Museums & the Arts	92	78	19	97
<b>Total</b>		<b>892</b>	<b>381</b>	<b>1273</b>
<b>Retailing and Wholesaling</b>				
Basic Material Wholesaling	45	66	47	113
Machinery & Motor Vehicle Wholesaling	46	166	72	238
Personal & Household Goods Wholesaling	47	476	241	717
Food Retailing	51	157	98	255
Personal & Household Goods Retailing	52	410	282	692
Motor Vehicle Retailing & Services	53	152	92	244
<b>Total</b>		<b>1427</b>	<b>832</b>	<b>2259</b>
<b>Manufacturing</b>				
Food Beverage & Tobacco Manufacturing	21	29	16	45
Textile Clothing & Footwear Manuf.	22	202	97	299
Wood & Paper Product Manufacturing	23	16	13	29
Printing Publishing & Recorded Media	24	115	59	174
Petroleum & Chemical Product Mfg	25	10	10	20
Non-Metallic Mineral Product Manuf.	26	9	5	14
Metal Product Manufacturing	27	35	19	54
Machinery & Equipment Manufacturing	28	49	26	75
Other Manufacturing	29	57	29	86
<b>Total</b>		<b>522</b>	<b>274</b>	<b>796</b>
<b>Other</b>				
Agriculture, Forestry and Fishing	1,2,3,4,5	5	5	10
Mining	11,12,13,14,15	2	0	2
Electricity & Gas Supply	36	2	3	5
Water Supply & Sewerage Services	37	0	0	0
General Construction	41	104	53	157
Construction Trade Services	42	139	68	207
Transport	61,62,63,64,65,66,67	124	49	173
Communication Services	71	30	17	47
Sport & Recreation	93	66	29	95
<b>Total</b>		<b>472</b>	<b>224</b>	<b>696</b>
<b>GRAND TOTAL</b>		<b>5355</b>	<b>2678</b>	<b>8033</b>

**Table E3: Workers by sector (1998)**

Source: ABS Business Register (1998)

INDUSTRY GROUP AND CATEGORIES	ANZSIC CATEGORIES	Yarra (C) - North	Yarra (C) - Richmond	Total
<b>Commercial Services</b>				
Finance	73	469	850	1,319
Insurance	74	50	0	50
Services to Finance & Insurance	75	733	113	846
Property Services	77	515	420	935
Business Services	78	5,932	5,173	11,105
Personal Services	95	827	368	1,195
Other Services	96	1,605	343	1,948
Private Households Employing Staff	97	0	0	0
<b>Total</b>		<b>10,131</b>	<b>7,267</b>	<b>17,398</b>
<b>Hospitality Services</b>				
Accommodation Cafes & Restaurants	57	3,266	873	4,139
<b>Total</b>		<b>3,266</b>	<b>873</b>	<b>4,139</b>
<b>Community Services and Government</b>				
Government Administration	81	1,111	269	1,380
Defence	82	0	0	0
Education	84	1,790	465	2,255
Health Services	86	5,970	2,669	8,639
Community Services	87	2,235	303	2,538
Film Radio & Television Services	91	616	585	1,201
Libraries Museums & the Arts	92	269	179	448
<b>Total</b>		<b>11,991</b>	<b>4,470</b>	<b>16,461</b>
<b>Retail and Wholesale</b>				
Basic Material Wholesaling	45	398	422	820
Machinery & Motor Vehicle Wholesaling	46	1,380	1,629	3,009
Personal & Household Good Wholesaling	47	3,308	1,809	5,117
Food Retailing	51	1,145	733	1,878
Personal & Household Good Retailing	52	1,828	1,551	3,379
Motor Vehicle Retailing & Services	53	1,169	434	1,603
<b>Total</b>		<b>9,228</b>	<b>6,578</b>	<b>15,806</b>
<b>Manufacturing</b>				
Food Beverage & Tobacco Manufacturing	21	1,758	210	1,968
Textile Clothing & Footwear Manuf.	22	3,243	1,059	4,302
Wood & Paper Product Manufacturing	23	114	159	273
Printing Publishing & Recorded Media	24	1,078	685	1,763
Petroleum & Chemical Product Mfg	25	104	280	384
Non-Metallic Mineral Product Manuf.	26	44	0	44
Metal Product Manufacturing	27	239	199	438
Machinery & Equipment Manufacturing	28	621	334	955
Other Manufacturing	29	343	190	533
<b>Total</b>		<b>7,544</b>	<b>3,116</b>	<b>10,660</b>
<b>Other</b>				
Agriculture, Forestry and Fishing	1,2,3,4,5	0	0	0
Mining	11,12,13,14,15	0	0	0
Electricity & Gas Supply	36	0	0	0
Water Supply & Sewerage Services	37	0	0	0
General Construction	41	996	337	1,333
Construction Trade Services	42	787	461	1,248
Transport	61,62,63,64,65,66,67	1,033	224	1,257
Communication Services	71	789	149	938
Sport & Recreation	93	387	126	513
<b>Total</b>		<b>3,992</b>	<b>1,297</b>	<b>5,289</b>
<b>GRAND TOTAL</b>		<b>46,152</b>	<b>23,601</b>	<b>69,753</b>

## Data Set F: Building Investment 1999 - 2001

**Table F1: City of Yarra**  
**Summary of Planning Applications valued over \$250,000**  
**(1 July 1999 to 30 June 2000)**

Source: City of Yarra, Planning Department

Suburb	"Planning Applications (,000s)"				
	Residential	Commercial	Community Service and Government	Non Specific	All Categories
Richmond	\$59,025	\$71,867	\$27,450	\$7,584	\$165,926
Collingwood	\$12,317	\$54,735	\$800	\$2,830	\$70,682
Fitzroy	\$28,215	\$19,300	\$700	\$8,070	\$56,285
Abbotsford	\$8,505	\$28,300	\$300	\$5,300	\$42,405
N Fitzroy	\$16,905	\$3,000	\$2,300	\$2,275	\$24,480
Clifton Hill	\$8,725	\$1,300	\$0	\$0	\$10,025
North Richmond	\$6,500	\$0	\$0	\$0	\$6,500
North Carlton	\$4,640	\$0	\$750	\$900	\$6,290
Alphington	\$3,550	\$0	\$0	\$0	\$3,550
Burnley	\$450	\$0	\$0	\$0	\$450
Fairfield	\$500	\$1,400	\$0	\$0	\$1,900
Cremorne	\$300	\$0	\$0	\$0	\$300
<b>Total</b>	<b>\$149,632</b>	<b>\$179,902</b>	<b>\$32,300</b>	<b>\$26,959</b>	<b>\$388,793</b>

**Table F2: City of Yarra**  
**Summary of Planning Applications valued over \$250,000**  
**(1 July 2000 to 31 March 2001)**

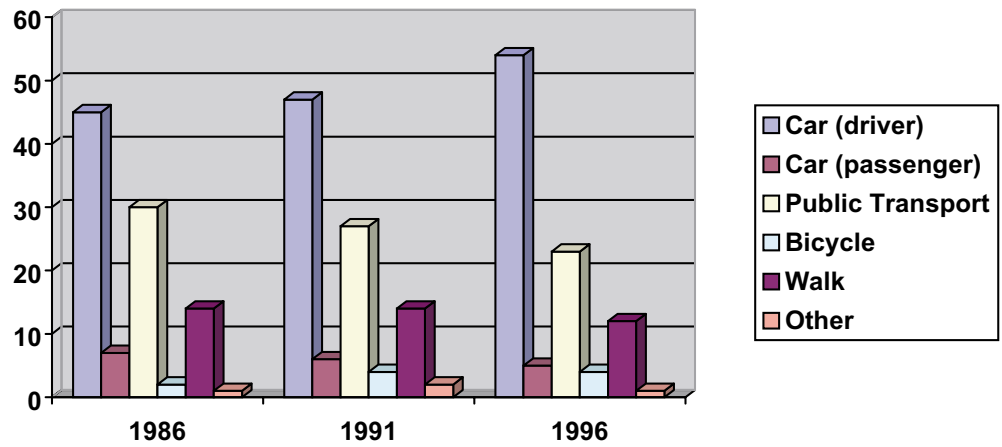
Source: City of Yarra, Planning Department

Suburb	"Planning Applications (,000s)"				
	Residential	Commercial	Community Service and Government	Non Specific	All Categories
Richmond	\$16,010	\$26,447	\$7,450	\$2,350	\$52,257
Collingwood	\$5,977	\$10,455	\$0	\$1,980	\$18,412
Fitzroy	\$8,870	\$15,800	\$450	\$2,350	\$27,470
Abbotsford	\$1,775	\$16,950	\$0	\$300	\$19,025
N Fitzroy	\$11,790	\$0	\$0	\$0	\$11,790
Clifton Hill	\$2,465	\$600	\$0	\$400	\$3,465
North Richmond	\$0	\$0	\$0	\$0	\$0
North Carlton	\$950	\$0	\$0	\$0	\$950
Alphington	\$1,250	\$0	\$0	\$0	\$1,250
Burnley	\$450	\$0	\$0	\$0	\$450
Fairfield	\$500	\$0	\$0	\$0	\$500
Cremorne	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$50,037</b>	<b>\$70,252</b>	<b>\$7,900</b>	<b>\$7,380</b>	<b>\$135,569</b>

## Data Set G: Travel to Work Trends - 1996

**Figure G1: Travel to Work Trends**

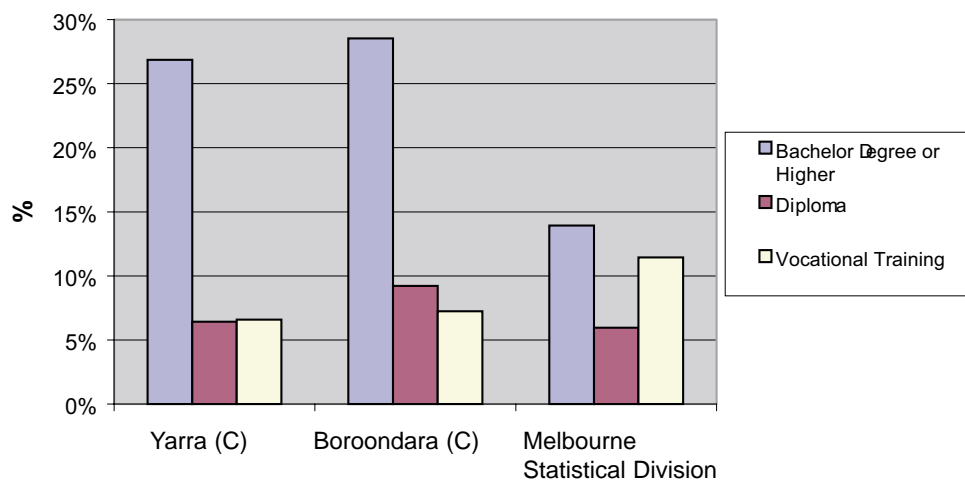
ABS Census 1986 - 1996, method one.



## Data Set H: Education - 1996

**Figure H1: Percentage of Qualifications per Resident Workforce**

ABS Census Data 1996.



**Figure H1 extracted from following data:**

Mode of Transport	1986	1991	1996
Car (Driver)	9622	9586	13743
Car (Passenger)	1503	1258	1333
Public Transport	6498	5684	5708
Bicycle	605	740	1122
Walk	2938	2889	3041
Other	319	473	334
Total	21845	20630	25281

## Data Set I: Gaming Machines - 1996

**Figure I1: City of Yarra**  
**Number of Gaming Venues and Electronic Gaming Machines (EGMs)**  
**June 1992 - June 2000**

