

WA STRATEGY AGAINST DRUG ABUSE

Statistical Bulletin Number 7, May 2000

ALCOHOL SALES IN WESTERN AUSTRALIA 1967/1968-1997/1998

Introduction

The long term trends in the consumption of alcohol in Western Australia (WA) described in this report utilise a variety of sales data to estimate the annual volume and value of sales of alcohol in this State. It is assumed in this publication that the annual sales of alcohol is equivalent to the consumption for each type of alcohol.

Data for the period 1967/1968 to 1983/1984 was derived from the annual reports of the Swan Brewery and Australian Bureau of Statistics (ABS) data on alcohol sales and was published in *Drinksafe - alcohol and health in Western Australia. A resource book*. Perth, Health Department of WA, 1986. Data is not available for a two year period, 1984/1985 to 1985/1986.

Data from 1986/1987 to 1997/1998 was derived from computerised quarterly returns provided to the Office of Racing, Gaming & Liquor (ORGL) by each alcohol retailer in accordance with the *Liquor Licensing Act 1988*. A breakdown of sales for different types of alcohol and by type of outlet is based on data in annual reports and other statistical reports published by ORGL. A correction has been made to data for the 1987/1988 to 1990/1991 period to avoid double counting sales recorded as "purchases by wholesalers".

In a decision in August 1997 the High Court of Australia (in *Ha & Anor v State of New South Wales; Walter Hammond & Associates Pty Ltd v State of New South Wales*) declared invalid *ad volorem* licence fees that been levied for a number of years by the States and Territories, as it found these were duties of excise that could be imposed only by the Commonwealth. As a result all jurisdictions ceased the collection of franchise fees applied to alcohol (as well as tobacco and fuel). By an arrangement between the Commonwealth and all jurisdictions, the Commonwealth increased the wholesale sales tax on alcohol and returned to each jurisdiction an amount to offset the amount of lost revenue.

The State government agreed to pay a subsidy to compensate for cellar door sales and for sales by wholesalers of low alcohol products, to maintain the concessions previously provided in the *Liquor Licensing Act 1988*. These new financial arrangements came into effect in WA from 31 January 1998 with the proclamation of the *Acts Amendment (Franchise Fee) Act 1997*. The effect of the High Court decision has meant that since the beginning of 1998 detailed information about the sale of alcohol by outlet is no longer collected as retailers are not required to provide the State with annual returns. However, wholesale sales data continues to be available.

Methodology

The volume of each type of alcohol sold per year was converted into litres of absolute alcohol to estimate trends in the consumption of alcohol per capita (based on ABS estimated annual resident population of persons aged 15 years and older). The factors used to convert litres of alcohol to litres of absolute alcohol were:

Figures and tables

Per capita consumption of alcohol by type of alcohol

Figure 1:	Trends - 1967/1968-1997/1998	2
Table 1:	Trends - 1967/1968-1997/1998	2

Value and volume of sales of alcohol by type of alcohol

Table 2:	Sales - 1986/1987-1991/1992	3
Table 3:	Sales - 1992/1993-1997/1998	4

Trends in market share of sales of alcohol by type of alcohol (absolute alcohol)

Table 4:	Sales - 1987/1988-1992/1993	5
Table 5:	Sales - 1993/1994-1997/1998	5
Figure 2:	Type of alcohol - 1987/1988-1997/1998	6
Figure 3:	Type of beer 1987/1988-1997/1998	6

Trends in market share of sales of alcohol by type of outlet

Table 6:	Market share - type of alcohol	7
Table 7:	Trends - sales by hotels	10
Table 8:	Trends - sales by taverns	11
Table 9:	Trends - sales by liquor stores	12
Figure 4:	Market share - high alcohol beer	8
Figure 5:	Market share - low alcohol beer	8
Figure 6:	Market share - high alcohol wine	9
Figure 7:	Market share - spirits	9
Figure 8:	Trends - sales by hotels	10
Figure 9:	Trends - sales by taverns	11
Figure 10:	Trends - sales by liquor stores	12

- 0.035 for low alcohol beer;
- 0.048 for high alcohol (ie regular) beer;
- 0.06 for low alcohol wine;
- 0.119 for high alcohol (ie regular) wine; and
- 0.385 for spirits.

Written by Greg Swensen (2000)

Overview

Over the 11 year period 1986/1987 to 1996/1997 (with the exception of 1990/1991) the consumption of alcohol in this State was relatively stable, fluctuating between about 11 and 12 litres of absolute alcohol per capita. It is unclear if the 1990/1991 data under estimates the apparent consumption for that year. The increase to 12.81 litres per capita in 1997/1998 should be treated with caution because of the change in the method of data collection may have affected data quality.

A feature of the pattern of alcohol consumption in this State from 1977/1978 to 1997/1998 has been the decline in the sales of beer compared to the sales of wine and spirits (measured as absolute alcohol). Over this 21 year period consumption of beer **declined** by nearly half (46.5%), from 10.53 litres per capita to

5.63 litres per capita. Over the same period, consumption of wine **increased** by 49.3%, from 2.19 litres per capita to 3.27 litres per capita and consumption of spirits **more than doubled** (an increase of 218%), from 1.79 litres per capita to 3.91 litres per capita whereas the consumption of all alcohol declined by 11.7% over the 21 year period (Table 1; Table 2, page 3 and Table 3, page 4).

Over the period 1987/1988 to 1997/1998 the proportion of all alcohol (as litres of absolute alcohol) consumed as **beer** decreased from 63.5% to 44.0% (Figure 2, page 6). There has also been a shift in the pattern of type of beer consumption, with the total amount of beer consumed as low alcohol beer doubling from 14.2% in 1987/1988 to 27.9% in 1997/1998 of all beer sales (Tables 4 & 5, page 5; Figure 3, page 6).

Figure 1: Per capita consumption of alcohol (litres absolute alcohol) by type of alcohol, Western Australia, 1967/1968 - 1997/1998

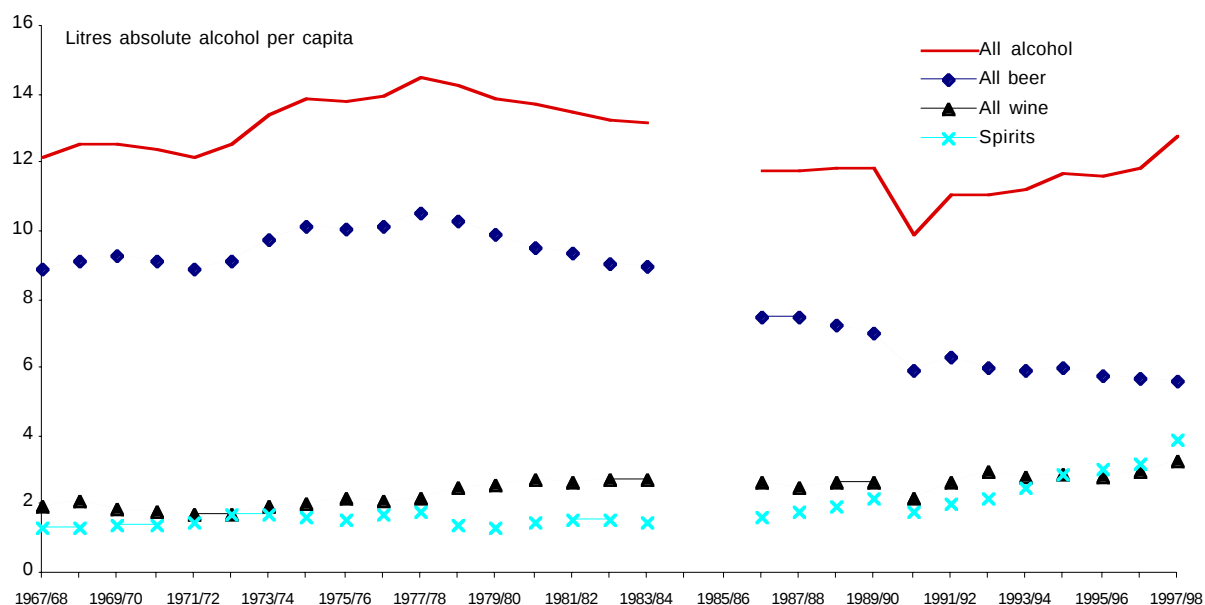


Table 1: Per capita consumption of alcohol (litres absolute alcohol) by type of alcohol, Western Australia, 1967/1968 - 1997/1998

Year	Beer	Wine	Spirits	Total	Year	Beer	Wine	Spirits	Total
1967/1968	8.93	1.94	1.31	12.18	1983/1984	8.97	2.74	1.48	13.19
1968/1969	9.17	2.07	1.29	12.53	1984/1985	na	na	na	na
1969/1970	9.25	1.89	1.43	12.57	1985/1986	na	na	na	na
1970/1971	9.14	1.81	1.44	12.39	1986/1987	7.49	2.68	1.63	11.80
1971/1972	8.93	1.72	1.51	12.16	1987/1988	7.50	2.51	1.80	11.81
1972/1973	9.13	1.72	1.71	12.56	1988/1989	7.26	2.66	1.95	11.87
1973/1974	9.74	1.95	1.71	13.40	1989/1990	7.00	2.66	2.17	11.83
1974/1975	10.17	2.06	1.63	13.86	1990/1991	5.92	2.22	1.79	9.92
1975/1976	10.08	2.17	1.57	13.82	1991/1992	6.34	2.68	2.04	11.06
1976/1977	10.16	2.10	1.71	13.97	1992/1993	5.99	2.94	2.19	11.12
1977/1978	10.53	2.19	1.79	14.51	1993/1994	5.92	2.84	2.48	11.24
1978/1979	10.30	2.52	1.44	14.26	1994/1995	5.98	2.86	2.87	11.71
1979/1980	9.92	2.61	1.36	13.89	1995/1996	5.78	2.82	3.05	11.65
1980/1981	9.50	2.73	1.47	13.70	1996/1997	5.68	2.99	3.17	11.84
1981/1982	9.35	2.62	1.54	13.51	1997/1998	5.63	3.27	3.91	12.81
1982/1983	9.03	2.72	1.55	13.30	1998/1999	na	na	na	na

The shift from the consumption of high alcohol beer to low alcohol beer and the increased drinking of wine and spirits is reflected in shifts in market share of different types of licensed premises that sell alcohol (Table 6, page 7).

An increasing proportion of alcohol sold in this State since 1987/1988 to the present has been from liquor stores for off the premises consumption (Figures 4 to 7, pages 8 to 9). There was a decline of nearly one third (31.2%) in the volume of all alcohol sold by **hotels**, from 76.3 million litres in 1987/1988 to 52.4 million litres in 1997/1998 (Table 7, page 10).

Over the 11 year period the volume of alcohol products sold by **taverns** increased moderately from 1987/1988 to 1991/1992. Since 1992/1993 tavern sales have remained at around 42 to 43 million litres per annum. The decline in the sale of high alcohol beer from taverns has been offset by an increase in the sale of low alcohol beer. (Table 8, page 11).

Over this period there was a marked increase in sales from **liquor stores** for take away consumption increasing by 41%, from 84.5 million litres in 1987/1988 to 119.1 million litres in 1997/1998 (Table 9, page 12).

Table 2: Sales of alcohol by type of alcohol in Western Australia 1986/1987 - 1991/1992

Type of alcohol	1986/1987	1987/1988	1988/1989	1989/1990	1990/1991	1991/1992
Beer						
Regular						
Litres	158,765,602	158,766,000	145,482,000	139,041,000	117,294,000	119,206,000
Value	\$256,435,617	\$278,921,000	\$252,479,000	\$254,328,000	\$245,134,000	\$236,070,000
Litres of absolute alcohol	7,620,749	7,620,768	6,983,136	6,673,968	5,630,112	5,721,888
Litres (abs alcohol) per capita	6.65	6.43	5.69	5.30	4.34	4.48
Reduced alcohol						
Litres	27,777,992	36,118,000	54,765,000	61,035,000	58,446,000	67,706,000
Value	\$43,105,379	\$61,056,000	\$84,339,000	\$99,341,000	\$108,235,000	\$117,026,000
Litres of absolute alcohol	972,230	1,264,130	1,916,775	2,136,225	2,045,610	2,369,710
Litres (abs alcohol) per capita	0.85	1.07	1.56	1.70	1.58	1.86
All beer						
Litres	186,543,594	194,884,000	200,247,000	200,076,000	175,740,000	186,912,000
Value	\$299,540,996	\$339,977,000	\$336,818,000	\$353,669,000	\$353,369,000	\$353,096,000
Litres of absolute alcohol	8,592,979	8,884,898	8,899,911	8,810,193	7,675,722	8,091,598
Litres (abs alcohol) per capita	7.49	7.50	7.26	7.00	5.92	6.34
Wine						
Regular						
Litres	25,702,963	24,574,000	26,908,000	27,495,000	23,384,000	27,928,000
Value	\$78,317,577	\$82,636,000	\$90,143,000	\$98,868,000	\$98,206,000	\$106,650,000
Litres of absolute alcohol	3,058,653	2,924,306	3,202,052	3,271,905	2,782,696	3,323,432
Litres (abs alcohol) per capita	2.67	2.47	2.61	2.60	2.15	2.60
Reduced alcohol						
Litres	177,011	853,000	1,076,000	1,334,000	1,530,000	1,608,000
Value	\$355,775	\$1,686,000	\$2,258,000	\$3,013,000	\$3,661,000	\$4,473,000
Litres of absolute alcohol	10,621	51,180	64,560	80,040	91,800	96,480
Litres (abs alcohol) per capita	0.01	0.04	0.05	0.06	0.07	0.08
All wine						
Litres	25,879,974	25,427,000	27,984,000	28,829,000	24,914,000	29,536,000
Value	\$78,673,352	\$84,322,000	\$92,401,000	\$101,881,000	\$101,867,000	\$111,123,000
Litres of absolute alcohol	3,069,273	2,975,486	3,266,612	3,351,945	2,874,496	3,419,912
Litres (abs alcohol) per capita	2.68	2.51	2.66	2.66	2.22	2.68
Spirits						
Litres	4,847,356	5,541,000	6,198,000	7,088,000	6,017,000	6,762,000
Value	\$73,978,131	\$85,034,000	\$97,705,000	\$115,419,000	\$113,222,000	\$116,821,000
Litres of absolute alcohol	1,866,232	2,133,285	2,386,230	2,728,880	2,316,545	2,603,370
Litres (abs alcohol) per capita	1.63	1.80	1.95	2.17	1.79	2.04
All alcohol						
Litres	217,270,924	225,852,000	234,429,000	235,993,000	206,671,000	223,210,000
Value	\$452,192,479	\$509,333,000	\$526,924,000	\$570,969,000	\$568,458,000	\$581,040,000
Litres of absolute alcohol	13,528,484	13,993,669	14,552,753	14,891,018	12,866,763	14,114,880
Litres (abs alcohol) per capita	11.80	11.81	11.87	11.83	9.92	11.06

**Table 3: Sales of alcohol by type of alcohol in Western Australia
1992/1993 - 1997/1998**

Type of alcohol	1992/1993	1993/1994	1994/1995	1995/1996	1996/1997	1997/1998
Beer						
Regular						
Litres	111,054,000	112,056,000	116,521,000	115,189,000	117,291,000	121,455,000
Value	\$225,480,000	\$237,627,000	\$259,136,000	\$270,033,000	\$283,020,000	\$328,545,000
Litres of absolute alcohol	5,330,592	5,378,688	5,593,008	5,529,072	5,629,968	5,829,840
Litres (abs alcohol) per capita	4.12	4.08	4.16	4.03	4.01	4.06
Reduced alcohol						
Litres	69,178,000	69,174,000	70,067,000	68,782,000	66,667,000	64,406,000
Value	\$128,797,000	\$126,961,000	\$130,842,000	\$132,551,000	\$131,303,000	\$138,117,000
Litres of absolute alcohol	2,421,230	2,421,090	2,452,345	2,407,370	2,333,345	2,254,210
Litres (abs alcohol) per capita	1.87	1.84	1.82	1.75	1.66	1.57
All beer						
Litres	180,232,000	181,230,000	186,588,000	183,971,000	183,958,000	185,861,000
Value	\$354,277,000	\$364,588,000	\$389,978,000	\$402,584,000	\$414,323,000	\$466,662,000
Litres of absolute alcohol	7,751,822	7,799,778	8,045,353	7,936,442	7,963,313	8,084,050
Litres (abs alcohol) per capita	5.99	5.92	5.98	5.78	5.68	5.63
Wine						
Regular						
Litres	31,027,000	30,257,000	31,000,000	31,333,000	33,791,000	38,974,000
Value	\$117,719,000	\$128,259,000	\$144,282,000	\$155,577,000	\$178,783,000	\$232,455,000
Litres of absolute alcohol	3,692,213	3,600,583	3,689,000	3,728,627	4,021,129	4,637,906
Litres (abs alcohol) per capita	2.85	2.73	2.74	2.72	2.87	3.23
Reduced alcohol						
Litres	1,986,000	2,326,000	2,664,000	2,418,000	2,970,000	870,000
Value	\$5,147,000	\$6,701,000	\$7,731,000	\$7,169,000	\$7,454,000	\$2,867,000
Litres of absolute alcohol	118,753	138,806	159,840	145,080	178,200	52,200
Litres (abs alcohol) per capita	0.09	0.11	0.12	0.11	0.13	0.04
All wine						
Litres	33,013,000	32,583,000	33,664,000	33,751,000	36,761,000	39,844,000
Value	\$122,866,000	\$134,960,000	\$152,013,000	\$162,746,000	\$186,237,000	\$235,322,000
Litres of absolute alcohol	3,810,966	3,739,389	3,848,840	3,873,707	4,199,329	4,690,106
Litres (abs alcohol) per capita	2.94	2.84	2.86	2.82	2.99	3.27
Spirits						
Litres	7,376,000	8,501,000	10,004,000	10,870,000	11,559,000	14,569,000
Value	\$125,531,000	\$143,492,000	\$162,717,000	\$179,480,000	\$194,084,000	\$242,238,000
Litres of absolute alcohol	2,839,760	3,272,885	3,851,540	4,184,950	4,450,215	5,609,065
Litres (abs alcohol) per capita	2.19	2.48	2.87	3.05	3.17	3.91
All alcohol						
Litres	220,621,000	222,314,000	230,256,000	228,592,000	232,278,000	240,274,000
Value	\$602,674,000	\$643,040,000	\$704,708,000	\$744,810,000	\$794,644,000	\$944,222,000
Litres of absolute alcohol	14,402,548	14,812,052	15,745,733	15,995,099	16,612,857	18,383,221
Litres (abs alcohol) per capita	11.12	11.24	11.71	11.65	11.84	12.81

**Table 4: Sales of alcohol by type of alcohol, litres of absolute alcohol
Western Australia, 1987/1988 - 1992/1993**

	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93
High beer	7,620,336	6,982,704	6,673,440	5,629,920	5,721,888	5,330,592
Low beer	1,264,025	1,916,530	2,135,910	2,045,575	2,369,710	2,421,230
High wine	2,924,187	3,201,457	3,269,049	2,781,744	3,323,432	3,692,213
Low wine	51,180	64,560	80,040	91,800	96,480	119,160
Spirits	2,132,515	2,385,460	2,726,185	2,316,545	2,603,370	2,839,760
Total	13,992,243	14,550,711	14,884,624	12,865,584	14,114,880	14,402,955
All beer	8,884,361	8,899,234	8,809,350	7,675,495	8,091,598	7,751,822
All wine	2,975,367	3,266,017	3,349,089	2,873,544	3,419,912	3,811,373
% beer to all alcohol	63.5%	61.2%	59.2%	59.7%	57.3%	53.8%
% wine to all alcohol	21.3%	22.4%	22.5%	22.3%	24.2%	26.5%
% spirits to all alcohol	15.2%	16.4%	18.3%	18.0%	18.4%	19.7%
% low beer to all beer	14.2%	21.5%	24.2%	26.7%	29.3%	31.2%

**Table 5: Sales of alcohol by type of alcohol, litres of absolute alcohol
Western Australia, 1993/1994 - 1997/1998**

	1993/94	1994/95	1995/96	1996/97	1997/98
High beer	5,378,688	5,593,008	5,529,072	5,629,968	5,829,840
Low beer	2,421,090	2,452,345	2,407,370	2,333,345	2,254,210
High wine	3,600,583	3,689,000	3,728,627	4,021,129	4,637,906
Low wine	139,560	159,840	145,140	178,200	52,200
Spirits	3,272,885	3,851,540	4,184,950	4,450,215	5,609,065
Total	14,812,806	15,745,733	15,995,159	16,612,857	18,383,221
All beer	7,799,778	8,045,353	7,936,442	7,963,313	8,084,050
All wine	3,740,143	3,848,840	3,873,767	4,199,329	4,690,106
% beer to all alcohol	52.7%	51.1%	49.6%	47.9%	44.0%
% wine to all alcohol	25.2%	24.4%	24.2%	25.3%	25.5%
% spirits to all alcohol	22.1%	24.5%	26.2%	26.8%	30.5%
% low beer to all beer	31.0%	30.5%	30.3%	29.3%	27.9%

Figure 2: Trends in market share (%) sales of type of alcohol (based on litres absolute alcohol) Western Australia, 1987/1988 - 1997/1998

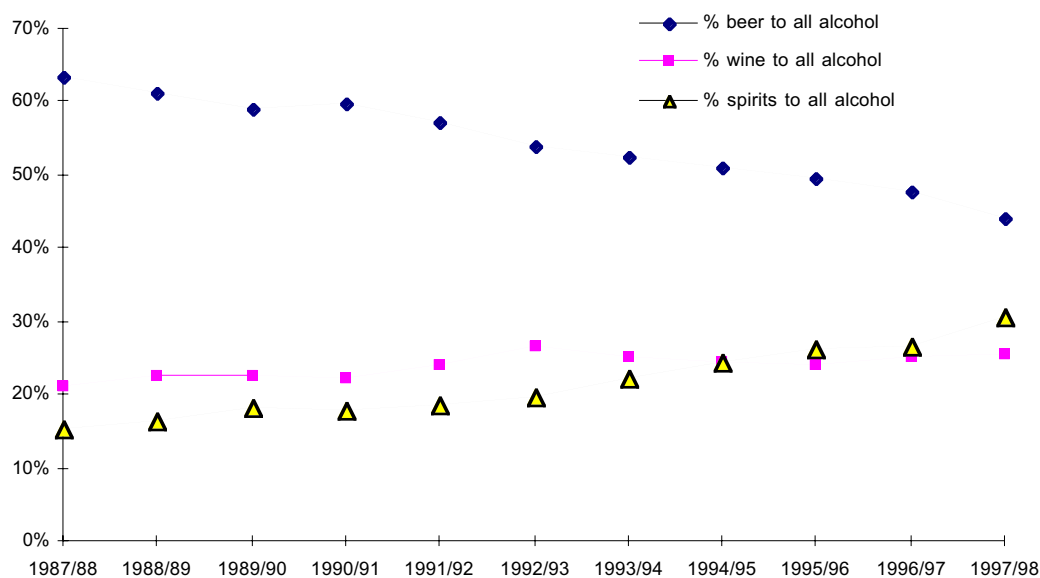


Figure 3: Trends in market share (%) of sales of beer by type of beer (based on litres of absolute alcohol) Western Australia, 1987/1988 - 1997/1998

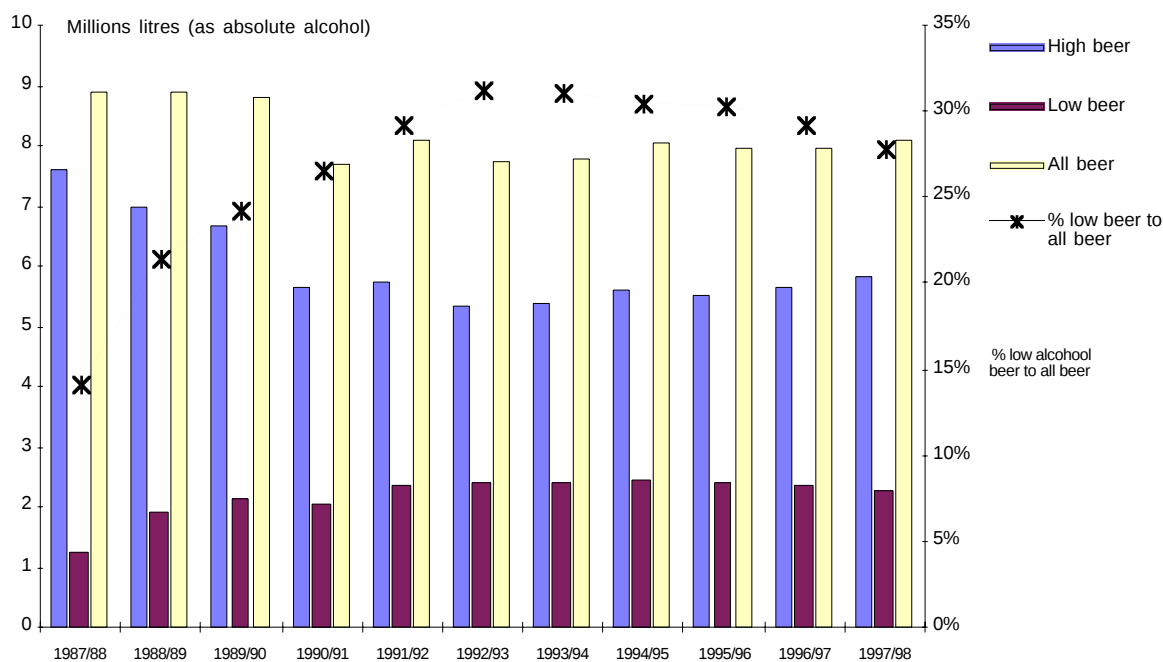


Table 6: Trends in market share (%) of sales of alcohol by type of alcohol and type of outlet (based on volume of alcohol), Western Australia, 1987/1988 - 1997/1998

	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97
High beer										
Hotels	37.0%	35.9%	34.4%	35.5%	32.8%	31.9%	30.5%	28.4%	27.7%	26.3%
Taverns	18.5%	19.0%	19.6%	21.5%	20.1%	21.7%	22.3%	22.4%	22.4%	21.9%
Liquor stores	32.8%	33.0%	32.7%	29.8%	35.1%	34.8%	35.7%	38.1%	39.1%	41.1%
Other outlets (clubs, restaurants, cabarets, other)	11.7%	12.2%	13.2%	13.2%	12.0%	11.6%	11.5%	11.0%	10.9%	10.6%
Low beer										
Hotels	28.4%	27.0%	26.5%	28.0%	25.2%	24.8%	22.8%	20.1%	18.8%	18.1%
Taverns	14.0%	14.9%	15.9%	17.1%	15.7%	17.6%	17.0%	16.1%	15.4%	14.7%
Liquor stores	41.4%	42.5%	41.7%	37.8%	44.0%	42.5%	46.2%	50.9%	53.6%	55.4%
Other outlets (clubs, restaurants, cabarets, other)	2.0%	2.6%	3.3%	4.2%	4.1%	4.3%	4.4%	4.1%	4.0%	4.0%
High wine										
Hotels	21.3%	18.6%	17.3%	20.7%	19.0%	16.2%	15.7%	13.5%	13.0%	13.0%
Taverns	11.3%	10.5%	10.6%	13.8%	12.2%	12.2%	12.6%	11.4%	11.6%	10.7%
Liquor stores	59.8%	63.3%	63.6%	55.9%	60.7%	63.9%	63.5%	67.0%	67.3%	67.1%
Other outlets (clubs, restaurants, cabarets, other)	7.6%	7.6%	8.5%	9.6%	8.1%	7.7%	8.2%	8.2%	8.1%	9.1%
Spirits										
Hotels	30.5%	29.8%	29.1%	32.3%	30.0%	29.0%	28.3%	26.9%	26.4%	26.4%
Taverns	15.2%	16.4%	17.9%	20.8%	19.4%	20.2%	21.1%	21.0%	21.4%	20.3%
Liquor stores	46.3%	44.3%	42.6%	35.5%	40.3%	40.3%	39.6%	41.5%	41.5%	42.9%
Other outlets (clubs, restaurants, cabarets, other)	8.0%	9.5%	10.4%	11.5%	10.4%	10.5%	11.0%	10.6%	10.7%	10.4%

Figure 4: Trends in market share (%) of sales of high alcohol beer by type of outlet (based on volume of alcohol) Western Australia, 1987/1988 - 1997/1998

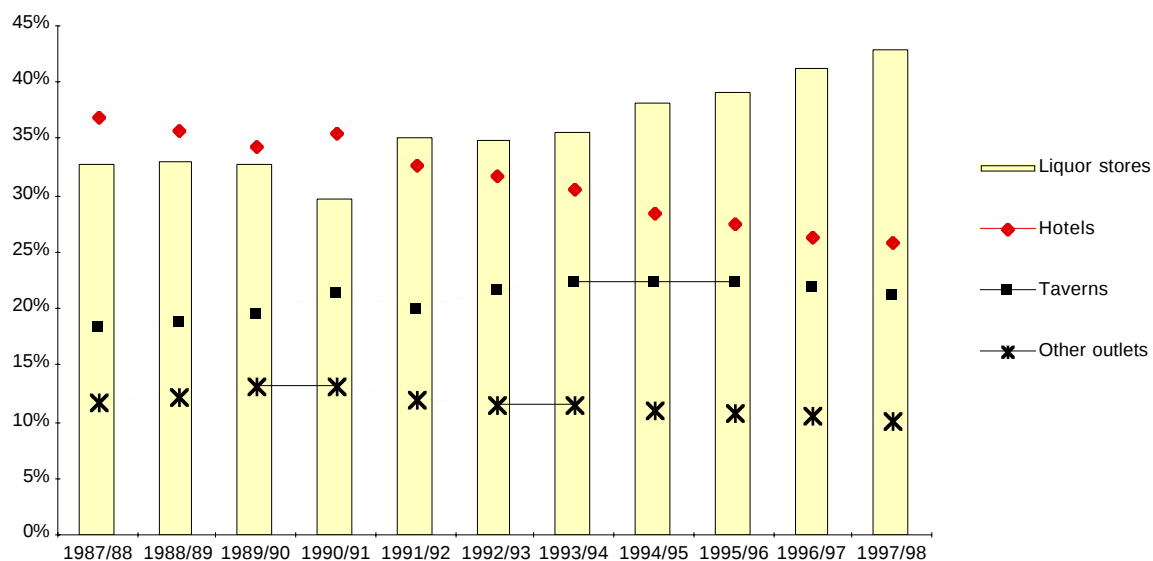


Figure 5: Trends in market share (%) of sales of low alcohol beer by type of outlet (based on volume of alcohol) Western Australia, 1987/1988 - 1997/1998

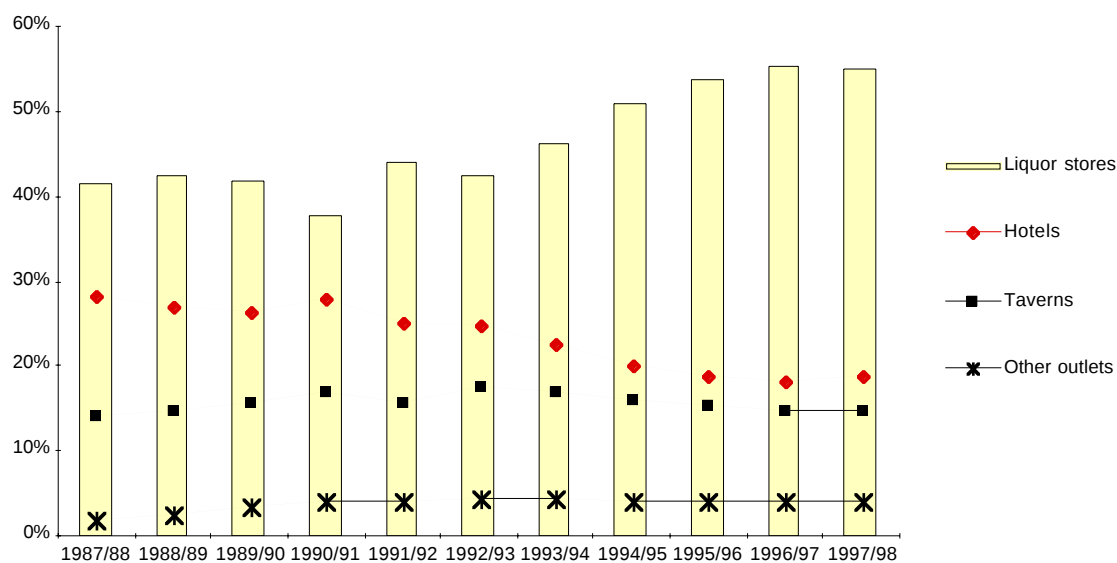


Figure 6: Trends in market share (%) of sales of high alcohol wine by type of outlet (based on volume of alcohol) Western Australia, 1987/1988 - 1997/1998

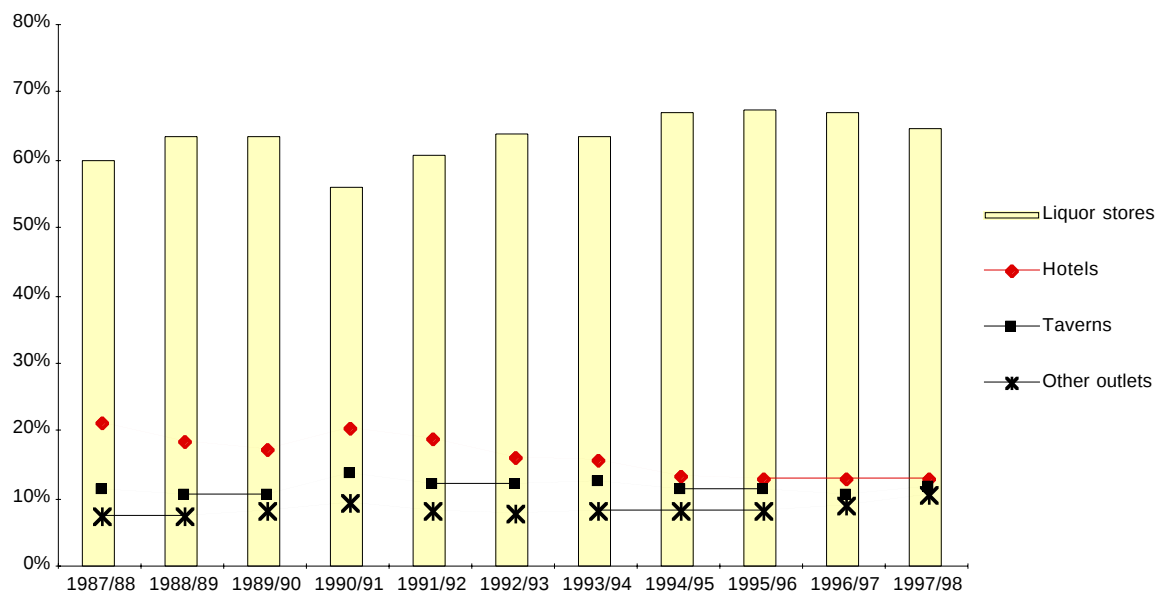


Figure 7: Trends in market share (%) of sales of spirits by type of outlet (based on volume of alcohol) Western Australia, 1987/1988 - 1997/1998

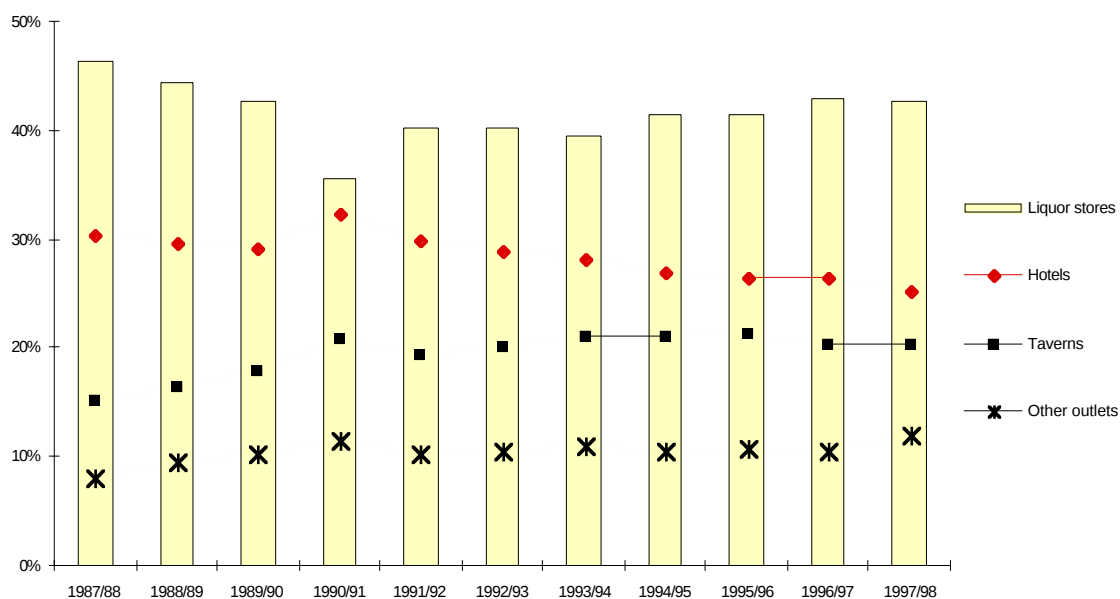


Figure 8: Trends in sales of alcohol (litres) from hotels by type of alcohol (based on volume of alcohol) Western Australia, 1987/1988-1997/1998

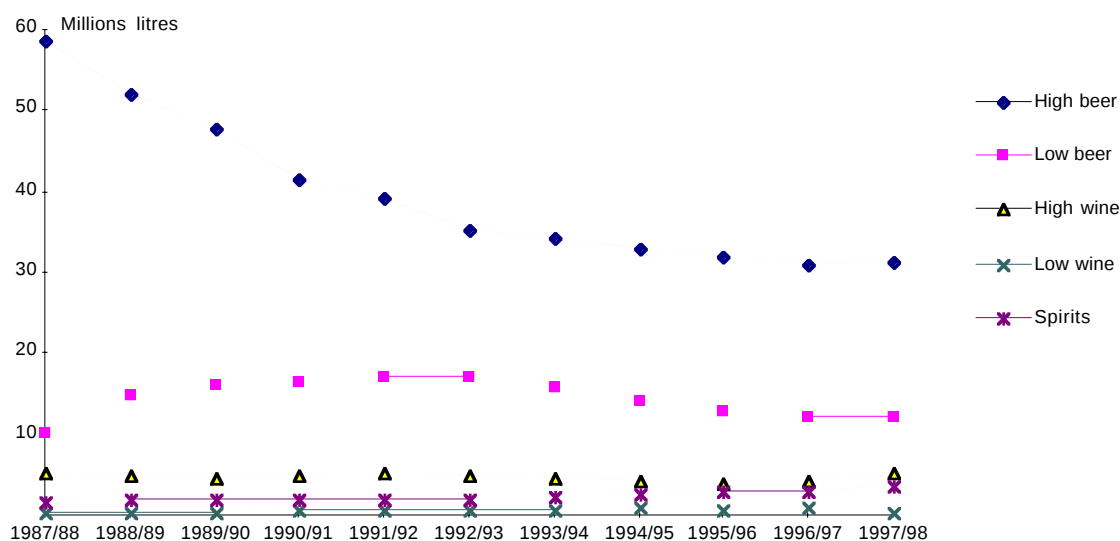


Table 7: Trends in sales of alcohol (litres) from hotels by type of alcohol (based on volume of alcohol) Western Australia, 1987/1988-1997/1998

Type of alcohol	1987/1988	1988/1989	1989/1990	1990/1991	1991/1992	1992/1993
High beer	58,743,000	52,170,000	47,884,000	41,689,000	39,136,000	35,420,000
Low beer	10,263,000	14,764,000	16,165,000	16,343,000	17,038,000	17,141,000
High wine	5,242,000	4,991,000	4,758,000	4,830,000	5,301,000	5,015,000
Low wine	335,000	352,000	451,000	547,000	580,000	687,000
Spirits	1,690,000	1,844,000	2,061,000	1,941,000	2,028,000	2,140,000
Total	76,273,000	74,121,000	71,319,000	65,350,000	64,083,000	60,403,000

Type of alcohol	1993/1994	1994/1995	1995/1996	1996/1997	1997/1998
High beer	34,223,000	33,095,000	31,861,000	30,905,000	31,400,000
Low beer	15,744,000	14,085,000	12,904,000	12,065,000	12,056,000
High wine	4,763,000	4,183,000	4,080,000	4,409,000	5,111,000
Low wine	745,000	837,000	719,000	847,000	213,000
Spirits	2,405,000	2,691,000	2,868,000	3,050,000	3,661,000
Total	57,880,000	54,891,000	52,432,000	51,276,000	52,441,000

Figure 9: Trends in sales of alcohol (litres) from taverns by type of alcohol (based on volume of alcohol) Western Australia, 1987/1988-1997/1998

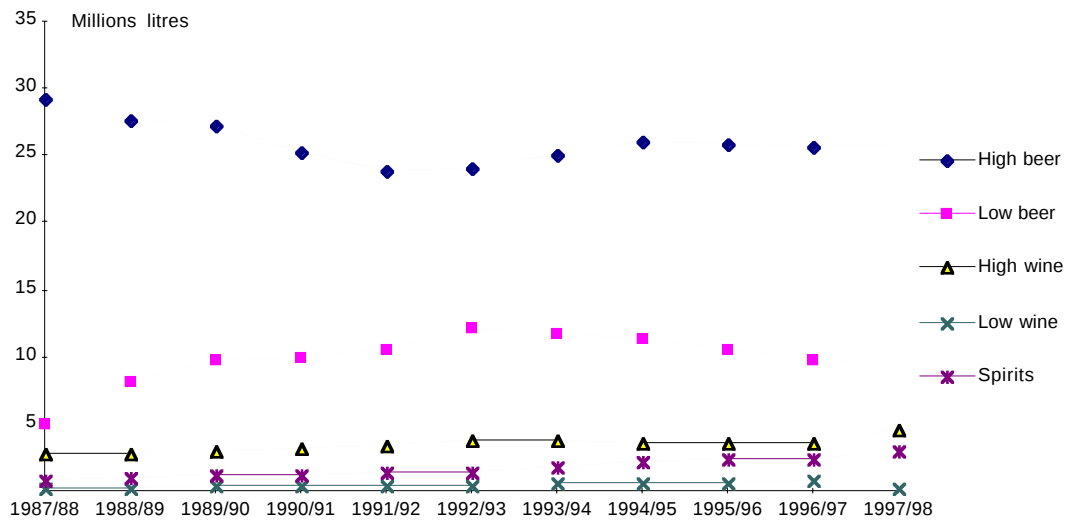


Table 8: Trends in sales of alcohol (litres) from taverns by type of alcohol (based on volume of alcohol) Western Australia, 1987/1988-1997/1998

Type of alcohol	1987/1988	1988/1989	1989/1990	1990/1991	1991/1992	1992/1993
High beer	29,314,000	27,576,000	27,259,000	25,169,000	23,923,000	24,124,000
Low beer	5,049,000	8,154,000	9,673,000	9,996,000	10,623,000	12,168,000
High wine	2,770,000	2,831,000	2,925,000	3,230,000	3,419,000	3,793,000
Low wine	197,000	218,000	303,000	400,000	388,000	497,000
Spirits	844,000	1,016,000	1,269,000	1,250,000	1,311,000	1,491,000
Total	38,174,000	39,795,000	41,429,000	40,045,000	39,664,000	42,073,000

Type of alcohol	1993/1994	1994/1995	1995/1996	1996/1997	1997/1998
High beer	24,962,000	26,133,000	25,792,000	25,662,000	25,786,000
Low beer	11,735,000	11,314,000	10,604,000	9,773,000	9,432,000
High wine	3,799,000	3,533,000	3,629,000	3,616,000	4,567,000
Low wine	573,000	677,000	620,000	745,000	195,000
Spirits	1,797,000	2,100,000	2,331,000	2,343,000	2,952,000
Total	42,866,000	43,757,000	42,976,000	42,139,000	42,932,000

Figure 10: Trends in sales of alcohol (litres) from liquor stores by type of alcohol (based on volume of alcohol) Western Australia, 1987/1988-1997/1998

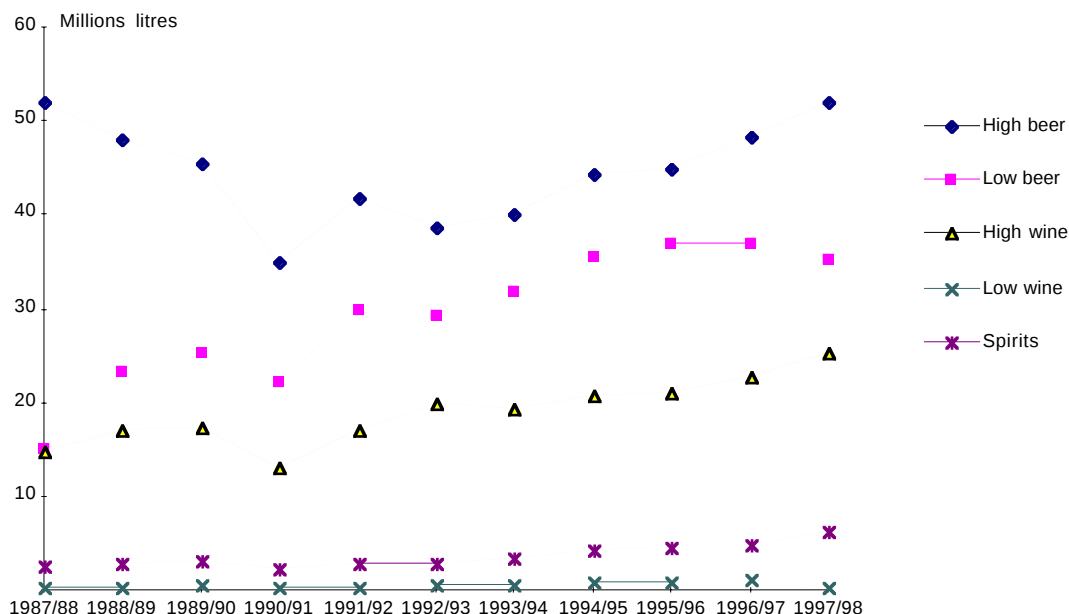


Table 9: Trends in sales of alcohol (litres) from liquor stores by type of alcohol (based on volume of alcohol) Western Australia, 1987/1988-1997/1998

Type of alcohol	1987/1988	1988/1989	1989/1990	1990/1991	1991/1992	1992/1993
High beer	52,064,000	48,020,000	45,473,000	34,956,000	41,791,000	38,595,000
Low beer	14,957,000	23,285,000	25,431,000	22,084,000	29,803,000	29,400,000
High wine	14,685,000	17,043,000	17,464,000	13,072,000	16,950,000	19,825,000
Low wine	247,000	398,000	442,000	403,000	403,000	531,000
Spirits	2,563,000	2,746,000	3,016,000	2,134,000	2,722,000	2,970,000
Total	84,516,000	91,492,000	91,826,000	72,649,000	91,669,000	91,321,000

Type of alcohol	1993/1994	1994/1995	1995/1996	1996/1997	1997/1998
High beer	39,961,000	44,424,000	44,993,000	48,264,000	51,962,000
Low beer	31,984,000	35,641,000	36,881,000	36,906,000	35,381,000
High wine	19,207,000	20,756,000	21,072,000	22,689,000	25,202,000
Low wine	680,000	831,000	793,000	1,062,000	370,000
Spirits	3,363,000	4,156,000	4,511,000	4,960,000	6,216,000
Total	95,195,000	105,808,000	108,250,000	113,881,000	119,131,000