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VITICULTURE, AUSTRALIA, 1991-92

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- INQUIRIES**
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## MAIN FEATURES

NOTE: As indicated in Paragraphs 3 and 4 of the Explanatory Notes, the scope of the 1991-92 Agricultural Census was slightly different from that of earlier Censuses. However, the difference was not sufficient to affect the main comparisons shown below.

## AUSTRALIA

- The total area of vines increased by 1.5% from 60,128 hectares in 1990-91 to 61,014 hectares in 1991-92.
- The area of bearing vines increased by 3.5% to 56,375 hectares. The total area of non-bearing vines declined by 18.1% to 4,639 hectares, of which 1,646 hectares were newly planted or grafted in 1991-92. This was a 18.9% decline on new plantings in 1990-91.
- Production of grapes for all purposes from the 1991-92 harvest increased by 16.0% to 987,086 tonnes, from 851,141 tonnes in 1990-91. This is the highest recorded harvest in Australia, beating the previous record set in 1985-86.
- Production for winemaking increased by 15.7% to 564,054 tonnes. Drying tonnage increased by 17.7% to 372,936 tonnes, and grapes for table and other purposes increased by 6.6% to 50,097 tonnes.

## Varietal data for Australia:

- Varieties showing significant new plantings include Cabernet Sauvignon (330 hectares), Chardonnay (276 hectares) and Shiraz (231 hectares). With Sultana these are the varieties with the largest planted areas in Australia.
- Other varieties showing increased areas in recent years include Cabernet Franc (396 hectares total plantings), Merlot (687 hectares), Ruby Cabernet (432 hectares), Chenin Blanc (671 hectares) and Colombard (836 hectares).
- A number of varieties continue to show significant decline in area in recent years. These include Crouchen which declined by 22.7% in 1991-92 to 293 hectares total area, Palomino and Pedro Ximenes which fell by 13.8% to 928 hectares, Waltham Cross which declined by 9.9% to 793 hectares, Trebbiano which went down to 1,074 hectares, an 8.7% decrease, and Doradillo which fell by 8.5% to 718 hectares. The areas of Grenache and Mataro, which have shown considerable decline over the past 10 years, appear to have stabilised, with Grenache reduced by 2.5% to 2,018 hectares, and Mataro showing little change at 622 hectares.

## STATES

## South Australia:

- Tonnage used for winemaking increased by 12.7% to 327,853 tonnes. All regions showed increased production when compared with 1990-91.
- The area of vines planted or grafted in 1991-92 was 884 hectares. The region showing the largest area of new vines was the South East, with 275 hectares planted.

## Victoria:

- Production of dried grapes was 294,514 tonnes, up by 18.9% from 1990-91. This was the highest recorded tonnage since 1971-72.
- Winemaking production also increased substantially, from 78,674 tonnes in 1990-91 to 104,398 tonnes in 1991-92, an increase of 32.7%.

## New South Wales:

- Production of grapes for winemaking increased by 11.2% to 120,550 tonnes. All regions showed increased production, with the exception of the Lower Hunter Valley, where production was adversely affected by low rainfall in 1991.

## Western Australia:

- Production of grapes for all purposes increased by 13.6% to 12,567 tonnes. Grapes used for winemaking increased by 25.0% to 9,763 tonnes, which is a State record in this category.

## Queensland:

- Production of red table grapes decreased by 11.5% to 2,089 tonnes. However, white table grape production increased by 27.3% to 1,058 tonnes.

## Tasmania:

- Production declined by 17.9% to 629 tonnes in 1991-92.

## SECTION I: SUMMARY

TABLE 1 - SUMMARY STATISTICS, GRAPES AND GRAPE PRODUCTS, AUSTRALIA, 1989-90 TO 1991-92

	Unit	1989-90	1990-91	1991-92
<b>Area of vines at harvest:</b>				
Bearing	'000 ha	53.9	r54.5	56.4
Not yet bearing				
Planted or grafted				
Prior to collection year	'000 ha	2.5	3.6	3.0
During collection year	'000 ha	2.7	2.0	1.6
<i>Total area of vines</i>	'000 ha	59.2	r60.1	61.0
<b>Grape production (fresh weight):</b>				
Winemaking	'000 t	530.6	r487.3	564.1
Drying	'000 t	249.1	r316.8	372.9
Table and other	'000 t	44.5	r47.0	50.1
<i>Total</i>	'000 t	824.3	r851.1	987.1
<b>Dried fruit production (dried weight):</b>				
Currants (incl. Carina)	'000 t	4.8	3.2	5.4
Raisins	'000 t	3.8	4.2	3.8
Sultanas	'000 t	46.6	r62.1	72.9
<i>Total</i>	'000 t	55.2	r69.5	82.1

TABLE 2 - AREA OF VINES AND PRODUCTION OF GRAPES, STATES AND AUSTRALIA (a), 1989-90 TO 1991-92

	Area of vines at harvest							Grape production			
	Not yet bearing						Total	Wine-making	Drying	Table and other	Total
	Planted or grafted										
	Bearing	Prior to collection year	During collection year								
— hectares —						— tonnes (fresh weight) —					
New South Wales:											
1989-90	11,117	459	693	12,268	118,598	38,527	8,354	165,479			
1990-91	r10,725	r901	453	r12,081	r108,457	r45,248	r8,938	r162,643			
1991-92	11,350	636	239	12,224	120,550	54,502	8,638	183,690			
Victoria:											
1989-90	17,648	774	492	18,916	85,225	187,934	27,350	300,509			
1990-91	18,112	740	398	19,250	76,674	247,628	29,119	355,421			
1991-92	18,490	618	363	19,471	104,398	294,514	32,864	431,776			
Queensland:											
1989-90	964	62	19	1,045	416	—	3,807	4,223			
1990-91	922	36	34	993	360	—	3,192	3,553			
1991-92	943	25	42	1,010	464	—	3,147	3,612			
South Australia:											
1989-90	22,295	998	1,354	24,647	316,423	21,562	2,799	340,783			
1990-91	22,686	1,648	1,090	25,425	290,832	22,848	3,189	316,869			
1991-92	23,444	1,456	884	25,785	327,853	23,080	3,092	354,025			
Western Australia:											
1989-90	1,701	202	136	2,039	8,911	1,059	1,858	11,827			
1990-91	1,763	227	41	2,032	7,809	1,111	2,144	11,064			
1991-92	1,919	181	100	2,199	9,763	839	1,965	12,567			
Tasmania:											
1989-90	105	40	39	184	693	—	—	693			
1990-91	137	52	10	200	766	—	—	766			
1991-92	149	49	18	216	629	—	—	629			
Australia (a):											
1989-90	53,194	2,545	2,732	59,192	530,638	249,082	44,541	824,261			
1990-91	54,462	3,634	2,029	60,128	487,314	316,835	46,993	851,141			
1991-92	56,375	2,993	1,646	61,014	564,054	372,936	50,097	987,086			

(a) The scope of the 1991-92 collection was slightly different from that of earlier collections. See paragraphs 2 and 3 of Explanatory Notes and the Appendix.

TABLE 3 - SALES OF AUSTRALIAN WINE AND BRANDY BY WINEMAKERS (a), 1989-90 TO 1991-92

	Unit	1989-90	1990-91	1991-92
Fortified:				
Sherry	'000 L	13,908	r13,046	12,392
Dessert wine	'000 L	19,188	r17,698	17,499
Table wine	'000 L	229,957	r228,332	246,704
Sparkling wine:				
Bottle fermentation	'000 L	25,590	r25,714	25,406
Bulk fermentation	'000 L	5,611	r3,749	4,747
Carbonated	'000 L	1,821	3,377	3,751
Flavoured	'000 L	2,673	r2,737	2,921
Vermouth	'000 L	1,861	r1,619	1,410
Total wine	'000 L	300,609	r296,272	314,830
Brandy (b)	'000 L a1	1,613	1,444	1,380

(a) The information on wine relates to wineries with wine sales of 250,000 litres or more in the previous financial year and excludes exports, sale for ship's stores, sales of imported wine and brandy and inter-winery sales. (b) Figures represent quantities on which excise duty was paid.

TABLE 4 - WINE AND BRANDY: EXPORTS OF AUSTRALIAN  
PRODUCE AND IMPORTS CLEARED FOR HOME CONSUMPTION 1989-90 TO 1991-92

	Unit	1989-90	1990-91	1991-92
EXPORTS				
Fortified	'000 L	1,936	2,765	2,382
Table	'000 L	32,095	45,894	71,657
Sparkling	'000 L	2,074	3,180	3,900
Other	'000 L	2,015	1,321	637
Brandy	'000 L al.	52	39	74
IMPORTS CLEARED				
Fortified	'000 L	184	191	160
Table	'000 L	6,595	5,604	5,190
Sparkling	'000 L	2,736	2,285	2,373
Other	'000 L	937	919	979
Brandy	'000 L al.	793	636	662

TABLE 5 - APPARENT CONSUMPTION OF GRAPES AND GRAPE PRODUCTS, AUSTRALIA, 1989-90 TO 1991-92

	Unit	Available for consumption			Unit	Apparent per capita consumption		
		1989-90	1990-91p	1991-92p		1989-90	1990-91	1991-92p
Fresh grapes	tonnes	33,845	n.y.a.	n.y.a.	kg	2.0	n.y.a.	n.y.a.
Dried vine fruit (dried weight):								
Currants	tonnes	4,190	n.y.a.	n.y.a.	kg	0.2	n.y.a.	n.y.a.
Raisins	tonnes	2,662	n.y.a.	n.y.a.	kg	0.2	n.y.a.	n.y.a.
Sultanas	tonnes	22,828	n.y.a.	n.y.a.	kg	1.3	n.y.a.	n.y.a.
Wine:								
Dessert wine	'000 L	19,291	r17,806	17,604	litres	1.1	1.0	1.0
Sherry	'000 L	13,990	r13,129	12,447	litres	0.8	0.8	0.7
Sparkling and carbonated wine	'000 L	35,758	35,125	36,277	litres	2.1	2.0	2.1
Table wine	'000 L	r236,508	r233,936	251,894	litres	13.9	r13.6	14.5
Vermouth	'000 L	2,093	r1,842	1,637	litres	0.1	0.1	0.1
Other wine n.e.i.	'000 L	3,423	3,433	3,673	litres	0.2	0.2	0.2
Total wine	'000 L	r311,063	r305,271	323,532	litres	18.3	r17.7	18.6
Brandy	'000 L al.	2,406	2,079	2,042	L al.	0.1	0.1	0.1

## SECTION II: VITICULTURE

TABLE 6 - AREA AND PRODUCTION OF GRAPE VARIETIES, AUSTRALIA (a) 1991-92

	Area of vines at harvest						Grape production				
	Not yet bearing			Total	Wine-making	Drying	Table and other		Total		
	Planted or grafted						Wine-making	Drying		Table and other	
	Bearing	Prior to 1991-92	During 1991-92	Wine-making	Drying	Table and other			Total		
—hectares—						—tonnes (fresh weight)—					
<b>Red grapes:</b>											
Cabernet Franc	290	74	32	396	2,955	—	—	—	—	2,955	44,906
Cabernet Sauvignon	4,535	600	330	5,465	44,906	—	—	—	—	44,906	2,313
Cardinal	346	5	6	358	151	—	—	2,361	—	2,361	20,359
Currant (incl Carina)	1,155	23	35	1,213	123	20,236	—	—	—	20,236	2,474
Flame Seedless	201	6	7	214	51	272	—	—	—	272	917
Frontignac (b)	140	1	1	142	917	—	—	—	—	917	29,862
Grenache	1,992	20	6	2,018	29,834	—	—	—	29	29,862	3,045
Malbec	253	9	28	290	3,045	—	—	—	—	3,045	10,031
Marsaro	610	8	5	622	10,031	—	—	—	—	10,031	5,105
Merlot	519	113	55	687	5,105	—	—	—	1,261	6,366	2,086
Muscat Hamburg	498	12	3	513	825	—	—	—	—	825	174
Muscat	33	8	—	41	174	—	—	—	—	174	10,625
Pinot Meunier	1,078	149	29	1,256	10,625	—	—	—	—	10,625	1,396
Pinot Noir	208	—	1	209	212	—	—	1,184	—	1,396	3,978
Purple Cornichon	321	7	6	333	117	—	—	3,861	—	4,000	690
Red Emperor	73	1	1	74	30	—	—	—	—	30	610
Ribier	31	4	—	35	570	—	—	—	—	570	4,367
Rubired	286	101	44	432	4,367	—	—	—	—	4,367	56,476
Ruby Cabernet	5,088	443	231	5,762	56,476	—	—	—	—	56,476	8,751
Shiraz	704	111	90	905	4,878	344	—	3,529	—	4,173	211,319
Other red grapes											
<b>Total red grapes</b>	<b>18,360</b>	<b>1,697</b>	<b>910</b>	<b>20,967</b>	<b>175,392</b>	<b>20,853</b>	<b>15,075</b>	<b>211,319</b>			
<b>White grapes:</b>											
Calimera	108	1	2	110	36	—	1,601	1,637	—	1,637	107
Cannon Hall Muscat	23	—	—	23	18	14	75	—	—	89	48,748
Chardonnay	4,459	459	276	5,194	48,748	—	—	—	—	48,748	10,799
Chenin Blanc	599	48	24	671	10,799	—	—	—	—	10,799	20,190
Colombard	558	58	20	636	20,190	—	—	—	—	20,190	4,710
Crouchen	293	—	—	293	4,700	—	—	—	—	4,700	17,552
Doradillo	717	—	1	718	17,539	—	—	—	—	17,539	158
Early Muscat	49	6	2	57	8	—	—	—	—	8	5,260
Frontignac	347	1	1	349	5,256	—	—	—	—	5,256	1,053
Italia	93	—	2	95	365	106	—	—	—	471	4,253
Muscadelle	361	4	—	364	4,253	—	—	—	—	4,253	89,202
Muscat Gordo Bianco	3,460	24	13	3,497	78,295	10,485	—	—	—	88,780	2,339
Muscat	185	—	—	185	579	—	—	1,760	—	2,339	14,929
Ohanze	927	—	1	928	14,929	—	—	—	—	14,929	389
Palomino and Pedro Ximenes	40	1	4	44	2	12	—	—	—	14	39,125
Perlette	3,571	89	19	3,679	39,125	—	—	—	—	39,125	11,366
Riesling	900	75	15	990	11,366	—	—	—	—	11,366	36,947
Sauvignon Blanc	2,649	141	76	2,867	36,947	—	—	—	—	36,947	415,433
Semillon	15,194	271	189	15,654	54,788	335,365	25,280	—	—	360,645	2,137
Sultana	106	—	—	106	2,137	—	—	—	—	2,137	6,508
Sylvaner	528	16	6	550	6,508	—	—	—	—	6,508	20,391
Traminer	1,071	2	1	1,074	20,391	—	—	—	—	20,391	1,564
Trebiano	173	30	16	219	1,564	—	—	—	—	1,564	11,776
Verdelho	790	1	1	793	3,143	6,023	2,610	—	—	8,633	8,381
Wahham Cross	533	39	69	640	6,579	77	1,725	—	—	1,802	774,978
Other white grapes											
<b>Total white grapes</b>	<b>37,934</b>	<b>1,268</b>	<b>736</b>	<b>39,939</b>	<b>388,265</b>	<b>352,082</b>	<b>34,631</b>	<b>774,978</b>			
<b>Total grapes</b>	<b>56,295</b>	<b>2,965</b>	<b>1,646</b>	<b>60,906</b>	<b>563,657</b>	<b>372,935</b>	<b>49,706</b>	<b>986,298</b>			

(a) Excludes ACT and NT. (b) Includes Brown Muscat, Muscat Rouge and Muscat Rosé.

**TABLE 7 - AREA AND PRODUCTION OF RED AND WHITE GRAPES BY PRINCIPAL GRAPE PRODUCING REGIONS  
NEW SOUTH WALES, 1991-92**

	Area of vines at harvest				Grape production				
	Not yet bearing				Total	Wine-making	Drying	Table and other	Total
	Planted or grafted								
	Bearing	Prior to 1991-92	During 1991-92	Total	— tonnes (fresh weight) —				
— hectares —									
<b>HUNTER VALLEY:</b>									
Total red grapes	874	49	4	928	3,850	—	15	3,866	
Total white grapes	1,595	75	17	1,687	12,596	—	—	12,596	
<b>Total grapes</b>	<b>2,469</b>	<b>123</b>	<b>21</b>	<b>2,615</b>	<b>16,446</b>		<b>15</b>	<b>16,461</b>	
<b>MURRUMBIDGEE:</b>									
Total red grapes	1,245	148	33	1,426	19,809	—	145	19,954	
Total white grapes	3,040	127	59	3,226	55,930	—	48	55,978	
<b>Total grapes</b>	<b>4,285</b>	<b>275</b>	<b>92</b>	<b>4,652</b>	<b>75,739</b>		<b>193</b>	<b>75,932</b>	
<b>SUNRAYSIA:</b>									
Total red grapes	262	24	25	311	1,064	1,678	1,862	4,603	
Total white grapes	2,745	44	29	2,818	15,267	52,824	5,644	73,735	
<b>Total grapes</b>	<b>3,007</b>	<b>68</b>	<b>54</b>	<b>3,129</b>	<b>16,331</b>	<b>54,502</b>	<b>7,506</b>	<b>78,338</b>	
<b>REST OF NEW SOUTH WALES:</b>									
Total red grapes	708	69	49	827	4,907	—	226	5,133	
Total white grapes	880	99	23	1,002	7,127	—	698	7,825	
<b>Total grapes</b>	<b>1,589</b>	<b>169</b>	<b>72</b>	<b>1,829</b>	<b>12,034</b>		<b>924</b>	<b>12,958</b>	
<b>TOTAL NEW SOUTH WALES:</b>									
Total red grapes	3,090	290	112	3,492	29,629	1,678	2,249	33,556	
Total white grapes	8,260	345	127	8,733	90,921	52,824	6,389	150,134	
<b>Total grapes</b>	<b>11,350</b>	<b>636</b>	<b>239</b>	<b>12,224</b>	<b>120,550</b>	<b>54,502</b>	<b>8,638</b>	<b>183,690</b>	

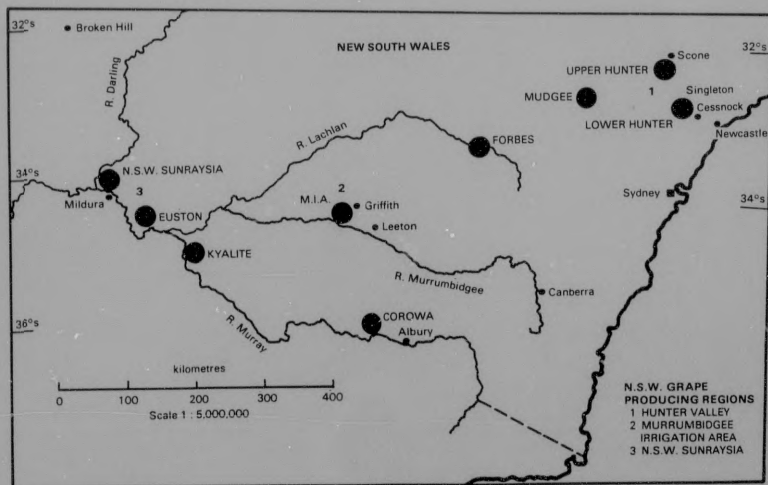


TABLE 8 - AREA AND PRODUCTION OF RED AND WHITE GRAPES BY PRINCIPAL GRAPE PRODUCING REGIONS VICTORIA, 1991-92

	Area of vines at harvest			Grape production				
	Bearing	Not yet bearing		Total	Wine-making	Drying	Table and other	Total
		Planted or grafted						
		Prior to 1991-92	During 1991-92					
—hectares—			—tonnes (fresh weight)—					
<b>SUNRAYSA:</b>								
Total red grapes	993	42	1,075	4,515	10,885	3,884	19,284	
Total white grapes	10,796	232	11,186	53,169	247,397	9,119	309,685	
Total grapes	11,788	272	12,262	57,684	258,282	13,003	328,969	
<b>KERANG-SWAN HILL:</b>								
Total red grapes	866	43	939	4,544	668	5,138	10,351	
Total white grapes	3,223	48	3,329	22,325	34,791	14,435	71,551	
Total grapes	4,089	91	4,269	26,870	35,459	19,573	81,901	
<b>REST OF VICTORIA:</b>								
Total red grapes	1,523	167	49	1,738	39	153	10,412	
Total white grapes	1,089	87	26	1,202	9,626	733	10,494	
Total grapes	2,612	254	74	2,941	19,844	773	20,905	
<b>TOTAL VICTORIA:</b>								
Total red grapes	3,382	250	121	3,753	19,278	11,592	40,046	
Total white grapes	15,108	367	243	15,718	85,120	282,921	391,729	
Total grapes	18,490	618	363	19,471	104,398	294,514	431,776	

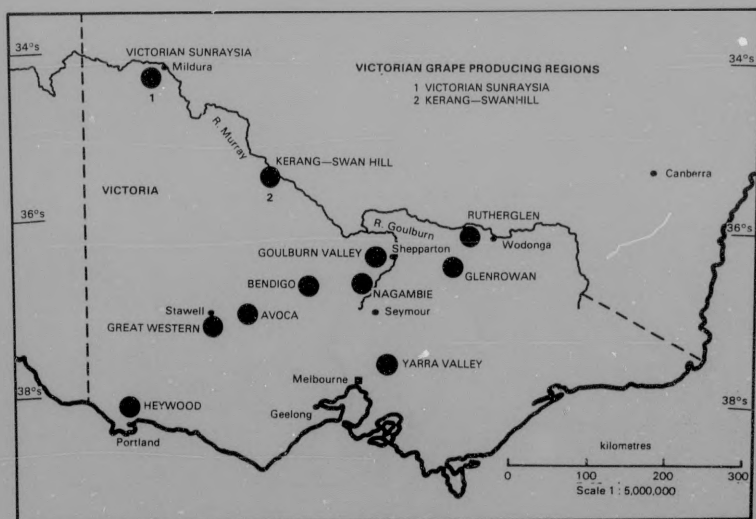


TABLE 9 - AREA AND PRODUCTION OF RED AND WHITE GRAPES BY PRINCIPAL GRAPE PRODUCING REGIONS SOUTH AUSTRALIA, 1991-92

	Area of vines at harvest				Grape production			
	Bearing	Not yet bearing		Total	Wine-making	Drying	Table and other	Total
		Planted or grafted						
		Prior to 1991-92	During 1991-92					
—hectares—				—tonnes (fresh weight)—				
<b>CENTRAL DISTRICT:</b>								
Total red grapes	1,969	205	74	2,248	20,603	36	—	20,639
Total white grapes	1,230	70	18	1,318	14,127	—	—	14,127
Total grapes	3,199	275	92	3,566	34,730	36	—	34,766
<b>BAROSSA DISTRICT:</b>								
Total red grapes	2,419	170	118	2,707	22,525	9	—	22,535
Total white grapes	2,850	91	62	3,003	30,633	—	—	30,633
Total grapes	5,269	262	180	5,710	53,159	9	—	53,168
<b>WAIKERIE AND LOWER MURRAY DISTRICT:</b>								
Total red grapes	763	67	30	860	15,143	417	13	15,572
Total white grapes	1,826	43	44	1,913	43,744	880	56	44,680
Total grapes	2,589	110	74	2,773	58,887	1,297	69	60,252
<b>NORTH MURRAY DISTRICT:</b>								
Total red grapes	1,650	113	75	1,838	24,003	5,302	316	29,621
Total white grapes	3,424	92	66	3,582	62,329	11,235	1,743	75,307
Total grapes	5,074	205	141	5,420	86,332	16,537	2,059	104,929
<b>SOUTH MURRAY DISTRICT:</b>								
Total red grapes	649	62	41	752	9,863	973	202	11,039
Total white grapes	1,308	50	42	1,400	25,683	4,112	676	30,472
Total grapes	1,957	112	83	2,152	35,547	5,086	878	41,511
<b>NORTHERN DISTRICT:</b>								
Total red grapes	757	54	27	838	7,071	65	—	7,136
Total white grapes	999	31	13	1,044	9,673	51	85	9,808
Total grapes	1,757	85	40	1,882	16,744	115	85	16,945
<b>SOUTH EASTERN DISTRICT:</b>								
Total red grapes	2,023	348	221	2,592	22,927	—	—	22,927
Total white grapes	1,577	60	53	1,690	19,527	—	—	19,527
Total grapes	3,599	408	275	4,282	42,454	—	—	42,454
<b>TOTAL SOUTH AUSTRALIA:</b>								
Total red grapes	10,229	1,019	586	11,834	122,136	6,803	531	129,470
Total white grapes	13,215	437	298	13,951	205,716	16,278	2,561	224,555
Total grapes	23,444	1,456	884	25,785	327,853	23,080	3,092	354,025

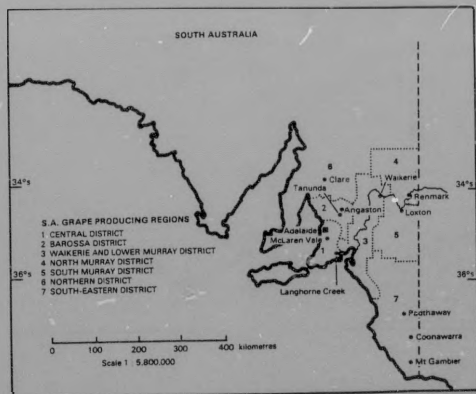


TABLE 10 - AREA AND PRODUCTION OF RED AND WHITE GRAPES BY PRINCIPAL GRAPE PRODUCING REGIONS  
WESTERN AUSTRALIA, 1991-92

	Area of vines at harvest			Grape production				
	Bearing	Not yet bearing		Total	Wine-making	Drying	Table and other	Total
		Planted or grafted						
		Prior to 1991-92	During 1991-92					
—hectares—		—tonnes (fresh weight)—						
<b>SWAN SHIRE:</b>								
Total red grapes	297	4	5	306	848	302	959	2,109
Total white grapes	277	6	9	292	1,603	17	929	2,550
Total grapes	574	11	14	598	2,451	319	1,888	4,659
<b>MARGARET RIVER:</b>								
Total red grapes	225	24	4	253	1,297	—	4	1,301
Total white grapes	314	24	6	345	1,869	—	—	1,569
Total grapes	539	49	10	598	2,865	—	4	2,869
<b>REST OF WESTERN AUSTRALIA:</b>								
Total red grapes	409	61	52	522	1,657	478	68	2,203
Total white grapes	396	59	25	480	2,790	42	5	2,836
Total grapes	805	121	76	1,002	4,445	520	73	5,038
<b>TOTAL WESTERN AUSTRALIA:</b>								
Total red grapes	931	90	61	1,082	3,801	780	1,031	5,612
Total white grapes	988	90	39	1,117	5,961	59	934	6,954
Total grapes	1,919	181	100	2,199	9,763	839	1,965	12,567

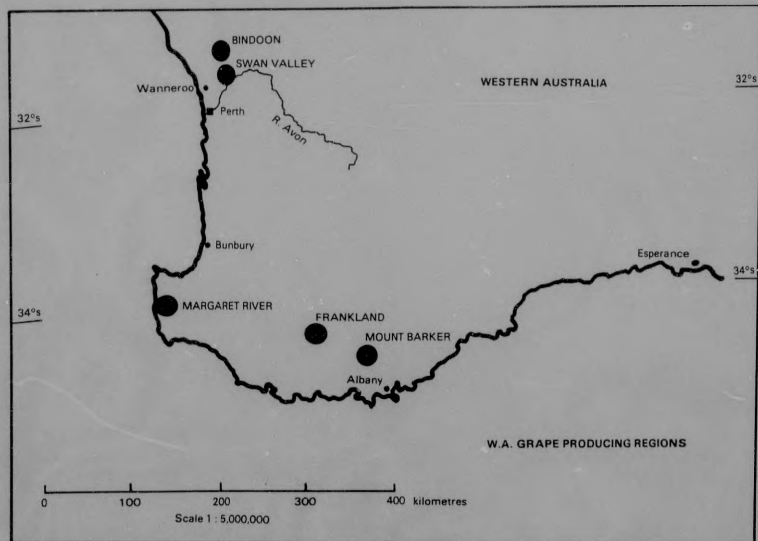


TABLE 11 - AREA AND PRODUCTION OF RED AND WHITE GRAPES  
QUEENSLAND, 1991-92

	Area of vines at harvest			Grape production				
	Not yet bearing			Total	Wine- making	Drying	Table and other	Total
	Planted or grafted							
	Bearing	Prior to 1991-92	During 1991-92					
	— hectares —			— tonnes (fresh weight) —				
Total red grapes	656	16	16	689	236	—	2,089	2,324
Total white grapes	286	9	26	321	229	—	1,058	1,287
Total grapes	943	25	42	1,010	464	—	3,147	3,612

TABLE 12 - AREA AND PRODUCTION OF RED AND WHITE GRAPES  
TASMANIA, 1991-92

	Area of vines at harvest			Grape production				
	Not yet bearing			Total	Wine- making	Drying	Table and other	Total
	Planted or grafted							
	Bearing	Prior to 1991-92	During 1991-92					
	— hectares —			— tonnes (fresh weight) —				
Total red grapes	72	31	15	117	310	—	—	310
Total white grapes	77	19	3	99	318	—	—	318
Total grapes	149	49	18	216	629	—	—	629

Source: Appellation of Origin Board, The Commissioner of licensing, Tasmania.

## EXPLANATORY NOTES

## Introduction

This publication presents information on area of vines and production of grapes for total red grapes, total white grapes and total all grapes for the 1991-92 season. Details are shown at the level of major grape growing regions, States and Australia. Varietal data are shown at the Australian level only, but are available on a regional basis for a charge, on application to the ABS. The ABS acknowledges the financial contribution of the Winemakers Federation of Australia Inc. in funding the continuing collection of varietal data.

## Scope and Coverage

2. Agricultural statistics in this publication relate to year ended 30 June and are derived from information obtained in a supplementary collection of all growers who reported vines in the annual Agricultural Census conducted at 31 March. This supplementary collection is not conducted in the Territories, but data from the Agricultural Census for ACT and NT are included in the Australian aggregates for Tables 1 and 2.
3. The ABS excludes from the Agricultural Census those establishments which make only a small contribution to overall agricultural production. From 1991-92 the scope of the Census is establishments undertaking agricultural activity having an estimated value of agricultural operations (EVAO) of \$22,500 or more. The scope of previous Censuses (from 1982-87) was establishments undertaking agricultural activity having an EVAO of \$20,000 or more.
4. This change in scope means that the current viticulture results are not directly comparable to previous results. To assist users in making comparisons, selected data from the 1990-91 viticulture collection were retabulated on both the \$20,000 and \$22,500 basis. These two series, plus the effect of the change in percentage terms, are shown in Bridging Tables included in this publication.
5. Tasmanian data is derived from a collection undertaken by the Appellation of Origin Board under the authority of The Commissioner of Licensing. The scope of collected data is the same as for other States (see 2 and 3 above).
6. In previous years the ABS has collected certain additional information on the collection form. The information related to 'area of grapevines over 40 years old', 'area of intended plantings for the following season' and 'area of vines on non-vinifera rootstocks'. For 1991-92 there were no additional questions asked.
7. Statistics are provided for the several recognised grape growing regions of each State. Maps showing these regions are included alongside the tables. These regions are described below:

*New South Wales:*

Hunter Valley comprising the local government areas of Greater Cessnock, Muswellbrook, Scone and Singleton.

Murrumbidgee Irrigation Area comprising the local government areas of Leeton and Griffith.

NSW Sunraysia comprising the local government areas of Wakool, Balranald and Wentworth.

*Victoria:*

Victorian Sunraysia comprising the local government areas of the City of Mildura and Shire of Mildura.

Kerang-Swan Hill comprising the local government areas of the Cities of Kerang and Swan Hill and the Shires of Kerang and Swan Hill.

*South Australia:*

The regions adopted in South Australia correspond to the Phylloxera Board's districts which are as follows:

Central District (incl. Kangaroo Island) comprising the District Councils of Gumeracha, East Torrens, Onkaparinga, Stirling, Mount Barker, Willunga, Strathalbyn, Port Elliot and Goolwa, Victor Harbor, Yankalilla, Kingscote and Dudley and the Corporations of Adelaide, Brighton, Burnside, Campbelltown, Glenelg, Happy Valley, Henley and Grange, Hindmarsh, Kensington and Norwood, Marion, Mitcham, Munno Para, Noarlunga, Payneham, Port Adelaide, Prospect, Salisbury, Tea Tree Gully, Unley, West Torrens, Woodville, Enfield, Elizabeth and the Municipalities of Gawler, Hindmarsh, Thebarton, St Peters and Walkerville.

Barossa District comprising the District Councils of Barossa, Tanunda, Mallala, Light, Kapunda, Angaston, Mount Pleasant, those portions of the District Council of Wakefield Plains south of the River Wakefield, the Hundreds of Dutton and Jellicoe in the District Council of Ridley-Truro.

Waikerie and Lower Murray District comprising the District Councils of Morgan, Waikerie, Ridley-Truro (except for the Hundred of Jellicoe), Mannum, Murray Bridge and Meningie.

North Murray District comprising the District Councils of Barmera, Berri, Paringa, the Municipality of Renmark and Hundred of Katarapko and the Counties of Young and Hamley not otherwise included.

South Murray District comprising the District Councils of Loxton, Browns Well, Karoonda-East Murray, Peake, Lamerook and Pinnaroo.

Northern District comprising those portions of the District Council of Wakefield Plains north of the River Wakefield, the District Councils of Clare, Riverton, Saddleworth and Auburn, Eudunda and Robertstown and the remainder of the State north and west of these areas which are not included in the above five districts.

South Eastern District comprising the District Councils of Coonahpyn Downs, Tatiara and Lacedpede and the remainder

of the State south and south-east of these areas which are not included in the above districts.

*Western Australia:*

Swan Shire comprising the local government area of the Shire of Swan.

Margaret River comprising the local government areas of Augusta-Margaret River and Busselton.

**Related publications**

8. Users may wish to refer to the following priced publications:

*Viticulture, Australia, Preliminary* (7311.0)  
*Sales of Australian Wine and Brandy by Winemakers*  
 (8504.0) monthly  
*Wine Production: Australia and States* (8366.0)

9. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The *Catalogue and Publications Advice* are available from any ABS office.

**Additional statistics**

10. In addition to releasing agricultural statistics in printed publications, statistics for small geographical areas and

data for previous years are available on request. The ABS also has an Agricultural statistical package (AgStats) which provides agricultural statistics on MS-DOS compatible floppy disk, CD-ROM, magnetic tape, and microfiche. AgStats offers a wider range of data, aggregated at smaller geographical areas than those generally available in printed publications. AgStats is available for the years 1987-88, 1988-89 and 1989-90. These additional services are subject to a charge.

**Symbols and other usages**

n.a not available  
 n.e.i. not elsewhere included  
 n.y.a. not yet available  
 p preliminary  
 r figure or series revised since previous issue  
 - nil or rounded to zero

11. The figures shown in this publication have been revised where necessary and as a consequence may not agree with similar data shown in previous publications.

12. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

13. Unless indicated otherwise Australian totals include data for all States and both Territories.

## APPENDIX

TABLE 1 - PERCENTAGE COMPARISON OF EVAO THRESHOLDS (\$20,000 AND \$22,500) FOR AREA AND PRODUCTION OF GRAPE VARIETIES - AUSTRALIA 1990-91 (a)  
(Data over \$22,500 EVAO as a percentage of data over \$20,000 EVAO)

	Area of vines at harvest				Grape production				
	Not yet bearing				Total	Wine-making	Drying	Table and other	Total
	Planted or grafted								
	Bearing	Prior to 1990-91	During 1990-91	Total					
<b>Red grapes:</b>									
Cabernet Franc	99.2	98.3	72.9	95.9	100.0	—	—	—	100.0
Cabernet Sauvignon	98.9	96.1	90.5	97.8	99.1	—	—	—	99.1
Cardinal	98.0	100.0	100.0	98.1	100.0	—	—	97.8	97.8
Currant (incl. Carina)	98.1	100.0	100.0	98.2	100.0	98.9	—	—	98.9
Flame Seedless	93.7	87.5	50.0	93.2	100.0	97.7	—	95.4	96.0
Grenache	98.7	100.0	100.0	98.7	99.0	—	100.0	—	99.0
Malbec	100.0	100.0	100.0	100.0	100.0	—	—	—	100.0
Mataro	99.0	100.0	100.0	99.0	99.2	—	—	—	99.2
Merlot	98.2	92.3	90.0	97.0	99.1	—	—	—	99.1
Muscat Hamburg	96.2	100.0	100.0	96.3	96.5	—	—	96.6	96.6
Frontignac (b)	100.0	100.0	100.0	100.0	100.0	—	—	—	100.0
Pinot Meunier	100.0	100.0	100.0	100.0	99.4	—	—	—	99.4
Pinot Noir	99.1	97.5	96.0	98.6	99.6	—	—	—	99.6
Purple Comichon	98.7	100.0	—	98.7	100.0	—	—	99.3	99.4
Red Emperor	99.1	100.0	100.0	99.2	100.0	100.0	—	99.5	99.6
Ribier	98.4	100.0	100.0	97.2	100.0	—	—	98.3	98.4
Rubired	100.0	100.0	—	100.0	100.0	—	—	100.0	100.0
Ruby Cabernet	100.0	100.0	95.2	98.7	99.9	—	—	—	99.9
Shiraz	99.1	98.1	99.7	98.7	99.2	—	—	—	99.2
Other red grapes	99.2	100.0	100.0	99.2	99.9	100.0	—	99.2	99.7
<b>Total red grapes</b>	<b>98.7</b>	<b>97.7</b>	<b>92.6</b>	<b>98.3</b>	<b>99.2</b>	<b>98.8</b>	<b>98.2</b>	<b>99.1</b>	
<b>White grapes:</b>									
Calmeria	100.0	66.7	100.0	99.1	100.0	—	—	99.8	99.8
Cannon Hall Muscat	88.0	—	—	88.0	66.7	—	—	94.8	94.0
Chardonnay	99.3	97.9	95.7	98.9	99.6	—	—	—	99.6
Chenin Blanc	98.3	100.0	97.7	98.4	99.1	—	—	—	99.1
Colombard	99.6	98.6	100.0	99.5	99.6	—	—	—	99.6
Crouchen	99.5	100.0	—	99.5	99.6	—	—	—	99.6
Doradillo	99.1	—	—	99.0	99.1	—	—	—	99.1
Early Muscat	95.8	57.1	88.9	92.2	100.0	—	—	96.2	96.2
Frontignac	98.9	100.0	100.0	98.9	98.5	—	—	50.0	98.5
Italia	97.7	100.0	—	96.7	98.7	100.0	—	97.6	98.1
Muscadelle	99.2	100.0	—	99.0	99.3	—	—	—	99.3
Muscat Gordo Blanco	99.6	100.0	100.0	99.6	99.6	99.9	—	92.6	99.7
Ohanez	100.0	—	100.0	100.0	100.0	—	—	99.9	99.9
Palomino and Pedro Ximenes	99.2	100.0	100.0	99.3	99.4	—	—	—	99.4
Perlette	97.4	100.0	100.0	97.8	100.0	100.0	—	98.1	98.1
Riesling	99.3	93.1	97.6	99.3	99.6	—	—	—	99.6
Sauvignon Blanc	99.0	97.5	82.4	98.4	99.7	—	—	—	99.7
Semillon	99.6	100.0	98.5	99.5	99.6	—	—	—	99.6
Sultana	99.1	98.0	98.7	99.1	99.3	98.9	—	99.3	99.2
Sylvaner	100.0	—	—	100.0	100.0	—	—	—	100.0
Traminer	99.6	100.0	100.0	99.7	99.9	—	—	—	99.9
Trebbiano	99.6	100.0	100.0	99.6	99.6	—	—	—	99.6
Verdelho	99.2	100.0	100.0	100.0	99.5	—	—	—	99.5
Walham Cross	99.4	100.0	100.0	99.4	100.0	99.3	—	99.7	99.5
Other white grapes	97.1	100.0	100.0	97.1	99.2	100.0	—	95.0	98.7
<b>Total white grapes</b>	<b>99.2</b>	<b>98.1</b>	<b>97.1</b>	<b>99.1</b>	<b>99.6</b>	<b>99.1</b>	<b>99.3</b>	<b>99.3</b>	
<b>Total grapes</b>	<b>99.1</b>	<b>97.9</b>	<b>94.3</b>	<b>98.8</b>	<b>99.5</b>	<b>99.1</b>	<b>99.0</b>	<b>99.3</b>	

(a) Excludes ACT and NT. (b) Includes Brown Muscat, Muscat Rouge and Muscat Rose.

BRIDGING TABLE II - PERCENTAGE COMPARISON OF EVAO THRESHOLDS (\$20,000 AND \$22,500) FOR AREA AND PRODUCTION OF GRAPE VARIETIES - STATES 1990-91 (a)  
(Data over \$22,500 EVAO as a percentage of data over \$20,000 EVAO)

	Area of vines at harvest							Total
	Not yet bearing			Grape production				
	Planted or grafted			Total	Wine-making	Drying	Table and other	
	Bearing	Prior to 1990-91	During 1990-91					
New South Wales:								
Red grapes	99.5	99.5	99.5	99.5	99.7	100.0	98.7	99.7
White grapes	99.6	99.4	99.6	99.6	99.9	99.6	98.9	99.7
Total grapes	99.5	99.4	99.3	99.5	99.9	99.6	98.8	99.7
Victoria:								
Red grapes	99.5	99.0	100.0	99.5	99.9	99.7	99.9	99.8
White grapes	99.3	98.9	99.0	99.3	99.9	99.1	100.0	99.3
Total grapes	99.4	98.4	99.5	99.3	99.9	99.1	100.0	99.3
Queensland:								
Red grapes	94.6	100.0	88.9	94.7	90.6	—	93.8	93.5
White grapes	98.8	80.0	94.1	97.5	100.0	—	98.1	98.4
Total grapes	95.6	94.4	94.1	95.4	94.4	—	95.0	95.0
South Australia:								
Red grapes	98.8	96.4	88.6	97.9	99.0	98.4	100.0	99.0
White grapes	99.0	97.4	94.5	98.8	99.3	98.7	96.7	99.2
Total grapes	98.9	96.7	90.4	98.4	99.2	98.6	97.3	99.1
Western Australia:								
Red grapes	95.8	98.9	90.0	96.0	97.7	93.8	95.4	96.4
White grapes	97.9	99.2	95.2	98.0	99.3	100.0	95.0	98.5
Total grapes	96.9	99.1	92.7	97.0	98.7	93.9	95.2	97.5
Tasmania:								
Red grapes	100.0	100.0	100.0	100.0	100.0	—	—	100.0
White grapes	100.0	100.0	100.0	100.0	100.0	—	—	100.0
Total grapes	100.0	100.0	100.0	100.0	100.0	—	—	100.0

(a) Excludes Australian Capital Territory and Northern Territory.