



2009-10

1329.0.55.002

# VINEYARDS ESTIMATES

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) WED 13 OCT 2010

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## INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070.

# NOTES

**ABOUT THIS PUBLICATION** This publication presents estimates from the Australian Bureau of Statistics' (ABS) 2010 Vineyards collection. Included are statistics on the area and production of wine grapes and summary information by wine grape variety. The publication presents data for Australia and states and territories, with sub-state data based on Geographical Indication (GI) Zones provided in an attached data cube. An additional data cube providing information on watering sources and methods is also provided.

Additional wine and grape industry data will be published in Australian Wine and Grape Industry (cat. no. 1329.0) and in Agricultural Commodities, Australia, 2009-10 (cat. no. 7121.0).

The Vineyards collection excludes table, drying and other grapes.

**CHANGES IN THIS ISSUE** The 2010 Vineyards collection was a census of all in-scope vineyards and collected information on a wide range of wine grape varieties. This is in contrast to the 2009 vineyards collection, which was undertaken using a survey methodology and collected information on the major wine grape varieties only. The 2010 Vineyards collection also included additional questions related to watering sources and methods. Associated data are available in an attached data cube.

For further information on the scope and content of 2010 Vineyards collection please refer to the Explanatory Notes.

**INQUIRIES** For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070.

## ABBREVIATIONS

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ABN	Australian Business Number
ABS	Australian Bureau of Statistics
ABSBR	Australian Bureau of Statistics Business Register
ACT	Australian Capital Territory
ANZSIC	Australian and New Zealand Standard Industrial Classification
ATO	Australian Taxation Office
Aust.	Australia
BAS	Business Activity Statement
cat. no.	Catalogue number
EVAO	Estimated Value of Agricultural Operations
ha	hectare
NSW	New South Wales
Qld	Queensland
SA	South Australia
t	tonne
Tas.	Tasmania
Vic.	Victoria

Brian Pink  
Australian Statistician

## SUMMARY OF FINDINGS

### INTRODUCTION

Estimates from the 2010 Vineyards collection indicate that total wine grape production was down 9% from 2009.

### AREA OF VINES

Wine grape growers cultivated 157 thousand hectares of vines for the 2010 season. The total bearing area for wine grapes was 152 thousand hectares, while the area not yet bearing was 4.8 thousand hectares. Red wine grape varieties comprised 61% of the total area of vines and 61% of the total bearing area.

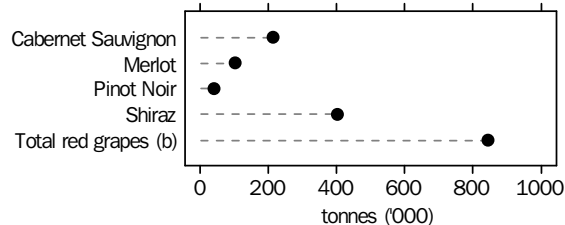
### GRAPE PRODUCTION

Total wine grape production in 2010 was 1.5 million tonnes, a decrease from 1.7 million tonnes the previous year. South Australia remained the largest producing state with 731 thousand tonnes. New South Wales was the next largest producing state with 443 thousand tonnes, followed by Victoria with 284 thousand tonnes.

Red wine grape production (845 thousand tonnes) was higher than white wine grape production (688 thousand tonnes). The highest red wine grape production was in South Australia with 57% (482 thousand tonnes) of total red wine grapes produced. The highest white wine grape production was in New South Wales with 36% (250 thousand tonnes) of total white wine grapes produced, closely followed by South Australia with 248 thousand tonnes.

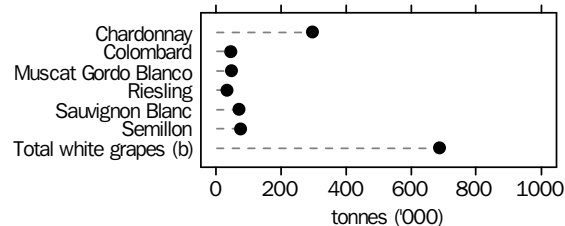
Three varieties of grapes accounted for 60% of all wine grape production: shiraz (403 thousand tonnes), chardonnay (298 thousand tonnes) and cabernet sauvignon (214 thousand tonnes). Shiraz accounted for 48% of all red wine grape production in 2010, compared to 44% in 2009. Chardonnay accounted for 43% of all white wine production in 2010, compared to 48% in 2009.

**RED WINE GRAPE PRODUCTION (a), Australia—2010**



(a) Production refers to production (fresh weight) for winemaking or distillation.  
 (b) Includes all surveyed red wine grape varieties. For further details refer Table 2.

**WHITE WINE GRAPE PRODUCTION (a), Australia—2010**



(a) Production refers to production (fresh weight) for winemaking or distillation.  
 (b) Includes all surveyed white wine grape varieties. For further details refer Table 2.

## WINE GRAPES, area, production and yield—Season 2010

	NSW	Vic.	Qld	SA	WA	Tas.	ACT	Aust.
RED WINE GRAPES								
Bearing area (ha)(a)	20 411	14 983	489	50 256	5 641	597	55	92 431
Area not yet bearing								
Planted or grafted before 2009 harvest (ha)	412	209	5	786	100	39	3	1 554
Planted or grafted after 2009 harvest (ha)	136	161	^ 4	464	50	^ 11	—	825
Total area of grapes (ha)(b)	20 959	15 353	497	51 506	5 791	646	58	94 809
Area of grapes left on vine or dropped on ground at maturity (ha)(c)	2 197	1 597	108	1 855	1 271	15	8	7 052
Production (t)(d)	192 151	139 476	869	482 262	26 675	3 547	324	845 305
Yield (t/ha)(e)	9.4	9.3	1.8	9.6	4.7	5.9	5.9	9.1
WHITE WINE GRAPES								
Bearing area (ha)(a)	20 533	10 856	269	21 286	5 705	654	55	59 358
Area not yet bearing								
Planted or grafted before 2009 harvest (ha)	942	195	9	428	242	68	—	1 884
Planted or grafted after 2009 harvest (ha)	^ 187	94	^ 7	188	85	^ 19	—	581
Total area of grapes (ha)(b)	21 662	11 145	285	21 903	6 031	742	55	61 823
Area of grapes left on vine or dropped on ground at maturity (ha)(c)	2 205	1 259	53	1 735	814	22	9	6 095
Production (t)(d)	250 457	144 579	582	248 366	39 792	3 841	324	687 941
Yield (t/ha)(e)	12.2	13.3	2.2	11.7	7.0	5.9	5.9	11.6
TOTAL WINE GRAPES								
Bearing area (ha)(a)	40 944	25 839	758	71 542	11 346	1 251	109	151 789
Area not yet bearing								
Planted or grafted before 2009 harvest (ha)	1 354	404	13	1 214	342	107	3	3 438
Planted or grafted after 2009 harvest (ha)	323	255	^ 11	652	135	^ 30	—	1 406
Total area of grapes (ha)(b)	42 621	26 498	782	73 409	11 822	1 388	113	156 632
Area of grapes left on vine or dropped on ground at maturity (ha)(c)	4 402	2 856	160	3 590	2 085	36	17	13 147
Production (t)(d)	442 608	284 055	1 452	730 628	66 467	7 388	648	1 533 246
Yield (t/ha)(e)	10.8	11.0	1.9	10.2	5.9	5.9	5.9	10.1

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

— nil or rounded to zero (including null cells)

(a) Bearing area includes area of vines with no or minimal yields.

(b) Total area of grapes refers to the area of vines at harvest and includes bearing area and not yet bearing area.

(c) Grapes left on the vine or dropped on the ground at maturity in the season 2010.

(d) Production for winemaking or distillation (fresh weight).

(e) Yield represents the quantity of grapes produced per hectare of bearing vines.

## WINE GRAPE VARIETALS, area, production and yield—Season 2010

	AREA NOT YET BEARING (PLANTED OR GRAFTED) .....						
	Bearing area (a)	Before the 2009 harvest	After the 2009 harvest	Total area (b)	Area removed(c)	Production(d)	Yield (e)
	ha	ha	ha	ha	ha	t	t/ha
.....							
Red wine grapes							
Barbera	116	^ 1	^ 3	120	^ 8	772	6.6
Cabernet Franc	591	^ 3	^ 14	608	^ 28	3 067	5.2
Cabernet Sauvignon	25 967	282	151	26 399	1 004	213 922	8.2
Dolcetto	154	—	*1	156	—	^ 1 787	11.6
Durif	417	^ 16	^ 9	442	^ 24	4 358	10.5
Grenache	1 748	^ 38	8	1 794	^ 84	11 335	6.5
Malbec	356	16	^ 8	380	^ 13	2 547	7.2
Mataro (Mourvedre)	692	30	8	730	^ 77	5 474	7.9
Merlot	10 028	^ 32	^ 14	10 073	366	104 874	10.5
Muscat a Petit Grains Rouge/Rose (Frontignac)	230	6	^ 18	254	^ 6	1 650	7.2
Nebbiolo	98	^ 17	^ 2	118	6	393	4.0
Petit Verdot	1 223	2	^ 1	1 226	^ 100	18 956	15.5
Pinot Noir	4 690	192	179	5 061	140	41 392	8.8
Ruby Cabernet	961	—	—	961	69	13 371	13.9
Sangiovese	589	17	^ 6	612	45	5 030	8.5
Shiraz	42 675	731	269	43 676	1 635	403 344	9.5
Tarrango	72	^ 4	^ 2	78	17	675	9.3
Tempranillo	477	76	66	618	22	2 932	6.2
Touriga	48	^ 7	—	55	^ 2	284	6.0
Zinfandel	150	5	—	155	*3	843	5.6
All other red wine grapes	1 011	56	^ 49	1 115	96	6 795	6.7
Total red wine grapes(f)	92 431	1 554	825	94 809	3 847	845 305	9.1

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

\* estimate has a relative standard error of 25% to 50% and should be used with caution

— nil or rounded to zero (including null cells)

(a) Bearing area includes area of vines with no or minimal yields.

(b) Total area of grapes refers to the area of vines at harvest and includes bearing area and not yet bearing area.

(c) Area of varieties removed by grubbing, grafting off or abandoning to die, after the 2009 harvest but before the 2010 harvest.

(d) Production for winemaking or distillation (fresh weight).

(e) Yield represents the quantity of grapes produced per hectare of bearing vines.

(f) Includes unspecified varieties.

	AREA NOT YET BEARING (PLANTED OR GRAFTED)						
	Bearing area (a)	Before the 2009 harvest	After the 2009 harvest	Total area (b)	Area removed(c)	Production(d)	Yield (e)
	ha	ha	ha	ha	ha	t	t/ha
.....							
White wine grapes							
Arneis	153	^ 4	^ 2	158	5	1 464	9.6
Chardonnay	27 773	213	52	28 037	1 960	298 013	10.7
Chenin Blanc	541	^ 4	^ 4	549	^ 61	6 760	12.5
Colombard	2 205	69	4	2 278	270	45 856	20.8
Crouchen	95	—	—	95	^ 12	2 394	25.1
Marsanne	238	5	^ 1	244	^ 10	1 621	6.8
Muscadelle (Tokay)	68	*12	*1	81	20	451	6.7
Muscat a Petit Grains							
Blanc (Frontignac)	^ 533	^ 68	^ 26	^ 626	^ 8	^ 5 380	10.1
Muscat Gordo Blanco	2 044	81	^ 78	2 202	171	48 643	23.8
Pinot Gris	3 296	145	77	3 518	55	39 347	11.9
Riesling	4 114	41	29	4 184	310	33 680	8.2
Roussanne	^ 83	^ 3	^ 3	89	^ 5	398	4.8
Sauvignon Blanc	6 467	533	114	7 114	321	71 909	11.1
Savagnin	94	17	^ 4	115	11	804	8.5
Semillon	6 112	151	42	6 305	374	76 620	12.5
Sultana	430	*1	^ 11	442	135	2 618	6.1
Traminer	835	30	^ 19	884	^ 22	9 002	10.8
Trebiano	86	—	—	86	48	971	11.3
Verdelho	1 535	41	^ 17	1 593	^ 130	14 247	9.3
Viognier	1 402	38	^ 11	1 451	111	12 405	8.8
All other white wine grapes	1 061	400	68	1 529	126	11 630	11.0
Total white wine grapes(f)	59 358	1 884	581	61 823	4 316	687 941	11.6
Total wine grapes	151 789	3 438	1 406	156 632	8 164	1 533 246	10.1

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

\* estimate has a relative standard error of 25% to 50% and should be used with caution

— nil or rounded to zero (including null cells)

(a) Bearing area includes area of vines with no or minimal yields.

(b) Total area of grapes refers to the area of vines at harvest and includes bearing area and not yet bearing area.

(c) Area of varieties removed by grubbing, grafting off or abandoning to die, after the 2009 harvest but before the 2010 harvest.

(d) Production for winemaking or distillation (fresh weight).

(e) Yield represents the quantity of grapes produced per hectare of bearing vines.

(f) Includes unspecified varieties.

## EXPLANATORY NOTES

### INTRODUCTION

**1** This publication presents estimates from the ABS Vineyards collection, 2010.

**2** The Vineyards collection is run on behalf of the Grape and Wine Research and Development Corporation (GWRDC). It is designed to collect varietal information on all significant grape varieties grown and provide information about grape growing and production for wine-making, including areas watered, and volume and sources of water used. The main user of this information is the Australian wine industry's Statistics Working Group (SWG), which is made up of representatives of industry peak bodies and represents the views of the industry on statistical matters.

### SCOPE AND COVERAGE

**3** In contrast to the 2009 Vineyards collection, the 2010 Vineyards collection was a census of all in-scope vineyards. Estimates of area, production and yield are presented in the publication for Australia and states and territories, and are available for sub-state regions in the attached data cubes. The sub-state regions are based on Australian Geographical Indication (GI) zones. State and territory data on watering sources and methods are also available in an attached data cube.

**4** Australian Geographical Indication (GI) Zones are official descriptions of Australian wine zones as defined in the *Australian Wine and Brandy Corporation Act 1980*. For more detail on Australian Geographical Indication (GI) Zones, see the Australian Wine and Brandy Corporation website, <http://wineaustralia.com/australia>

**5** The scope of the 2010 Vineyards collection was agricultural businesses recorded on the ABS' Business Register (ABSBR) above a minimum size cut-off. The ABSBR is based on the Australian Business Register (ABR) which is administered and maintained by the Australian Taxation Office (ATO).

**6** A minimum size cut-off of \$5,000 was applied to determine whether a business was in-scope for the 2010 Vineyards collection, as well as being identified on the ABSBR as a wine grape grower/vineyard through survey feedback or from Australian and New Zealand Standard Industrial Classification (ANZSIC) information. The measure of size was based on either the ABS' Estimated Value of Agricultural Operations (EVAO) or a derived value based on Business Activity Statement (BAS) turnover.

**7** While the ABSBR does not include all agricultural businesses in Australia, it provides improved coverage from the previous ABS-maintained Agricultural Survey frame, since most businesses and organisations in Australia need to obtain an Australian Business Number (ABN) from the ATO for their business operations. The ABR-based register also provides more up-to-date coverage as it excludes agricultural businesses with cancelled ABNs and incorporates regularly updated information on agricultural businesses from the ATO.

**8** Viticulture statistics relate to the year in which the harvest occurred and are derived from information obtained in a collection of all known growers. Data quality is continually being improved through advancements in coverage.

### GENERAL

**9** The statistics in this publication are the final Vineyards estimates for 2009-10. No preliminary data were released for the 2010 Vineyards collection.

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

### ABS DATA AVAILABLE ON REQUEST

**11** As well as the statistics included in this and related publications, the ABS may have other relevant data available on request. Inquiries should be made to the National Information and Referral Service on 1300 135 070.

## EXPLANATORY NOTES *continued*

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### GENERAL ACKNOWLEDGMENT

**12** ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated. Without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

### RELATED PUBLICATIONS

**13** A range of publications relevant to the Agriculture sector are produced by the ABS, including:

- *Australian and New Zealand Standard Industrial Classification* (cat. no. 1292.0)
- *Agricultural Commodities, Australia* (cat. no. 7121.0)
- *Australian Wine and Grape Industry* (cat. no. 1329.0)
- *Principal Agricultural Commodities, Australia, Preliminary* (cat. no. 7111.0)
- *Value of Agricultural Commodities Produced Australia* (cat. no. 7503.0)
- *Water use on Australian Farms* (cat. no. 4618.0)

**14** Current publications and other products released by the ABS are listed under the Statistics and Topics @ a Glance pages on the ABS website <<http://www.abs.gov.au>>. The ABS also issues a daily Release Advice on the website which details products to be released in the week ahead.









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