

# WHEAT USE AND STOCKS, AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) FRI 8 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

FORTHCOMING ISSUES	ISSUE	RELEASE DATE
	September 2010	9 November 2010
	October 2010	7 December 2010
	November 2010	17 January 2011
	December 2010	8 February 2011
	• • • • • • • • • • • • • •	
ABOUT THIS PUBLICATION	estimates for barley as we manufacturing and agricu These estimates are com of Statistics (ABS), includ Export Sales Survey, and Estimates from the surve	s monthly estimates of stocks and use for wheat, and quarterly ell as selected other grains and pulses for selected altural businesses, licensed exporters and bulk grain handlers. piled from various surveys conducted by the Australian Bureau ling the Grain Handlers Stocks Survey, Wheat Use Survey, Wheat from administrative data relating to wheat grain exports. ys are combined with export trade data to provide monthly of wheat grain stored, used, or committed for use.
		Agricultural and Resource Economics (ABARE) uses these data port on the Australian wheat industry.
		overage of the collections is understood to account for the in stored, used and committed.
		stocks of grain held by bulk grain handlers, including barley s, see <i>Stocks of Grain Held by Bulk Handling Companies and</i> a (cat. no 7122.0.55.001).
	quality of the statistics pr The Environment and Ag Statistics, GPO Box 66, H	omments from readers regarding the usefulness, range and esented in this publication. Comments can be forwarded to: riculture Business Statistics Centre, Australian Bureau of obart TAS 7001. Alternatively, email abs.gov.au> or phone (03) 6222 5939.
CHANGES IN FORTHCOMING ISSUES	reported on a quarterly b publication. As a result of	ocks and use of barley and selected other grains and pulses are pasis in data cubes attached to the web version of this f an ongoing review of the various associated collections and ongst key clients, collection of these data will cease.
	selected other grains and other grains and pulses w Data on <i>use</i> of barley and	tion of this publication will include data on <i>stocks</i> of barley and I pulses only. Updated estimates of stocks of barley and selected will be provided in the March 2011 edition of this publication. I selected other grains and pulses will no longer be published. hly data on wheat stocks, use and commitments will continue
	Further information may by calling (03) 6222 5909	be obtained by emailing <agriculture.statistics@abs.gov.au> or ).</agriculture.statistics@abs.gov.au>

Brian Pink Australian Statistician

### ABBREVIATIONS

'000 t	thousand	tonnes
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- ABARE Australian Bureau of Agricultural and Resource Economics
  - ABN Australian Business Number
  - ABR Australian Business Register
  - ABS Australian Bureau of Statistics
- ABSBR Australian Bureau of Statistics Business Register
  - ACT Australian Capital Territory
- ANZSIC Australian and New Zealand Standard Industrial Classification
  - AS Agricultural Survey
  - ATO Australian Taxation Office
  - Aust. Australia
  - BAS Business Activity Statement
- cat. no. Catalogue number
  - DAFF Australian Government Department of Agriculture, Fisheries and Forestry
  - EVAO Estimated Value of Agricultural Operations
  - NSW New South Wales
    - NT Northern Territory
  - Qld Queensland
  - RSE relative standard error
  - SA South Australia
  - SE standard error
  - Tas. Tasmania
  - Vic. Victoria

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WA Western Australia

## SUMMARY OF FINDINGS

WHEAT GRAIN STORED	Total wheat grain stored by bulk grain handlers, growers and users at the end of August 2010 was 7.5 million tonnes.
	Wheat grain stored by bulk grain handlers at the end of August 2010 was 6.7 million tonnes, of which 5.9 million tonnes (89%) was graded for milling and 0.7 million tonnes (11%) graded for feed.
	Wheat grain growers and users stored 845 thousand tonnes of wheat grain at the end of August 2010.
WHEAT GRAIN USED	The estimate of wheat grain used in August 2010 was 1.8 million tonnes. Wheat grain exports decreased to 1.3 million tonnes, with a slight decrease also in domestic use, down to 479 thousand tonnes.
WHEAT GRAIN COMMITTED	In August 2010, wheat grain committed for domestic use or export increased to 4.8 million tonnes. Of the total wheat grain committed, 4.1 million tonnes was contracted for export while wheat grain committed for domestic use fell to 699 thousand tonnes.
	In August 2010, most states reported increased export commitments from July 2010, with only South Australia and Western Australia showing slight falls.
	Compared to August 2009, wheat grain committed for export increased by 86%, while wheat grain committed for domestic use fell by 6% in August 2010.

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							WHEAT G	iRAIN
		STORED	BY					
		GRADE(a	)					
	•••••		•••••	•••••				
	NSW(b)	Vic.(c)	Qld	SA	WA	Aust.	Milling	Feed
	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t
		• • • • • •		• • • • • • •			• • • • • • • •	• • • • •
2008-09(d)								
August	1 730	168	690	362	1 544	4 494	3 452	1 042
September(d)	1 232	110	531	297	1 251	3 421	2 645	776
<b>2009–10</b> (d)								
October	1 470	71	1 005	256	922	3 724	3 027	697
November	4 066	337	1 217	1 716	2 697	10 033	8 590	1 443
December	4 171	1 557	1 135	3 788	7 137	17 788	15 360	2 428
January	3 856	1 734	1044	3 789	6 621	17 044	14 642	2 402
February	3 345	1 624	1 006	3 644	5 945	15 564	13 424	2 140
March	2 951	1 450	940	3 475	5 252	14 068	12 133	1 935
April	2 667	1 301	821	3 178	4 803	12 770	11 043	1 727
May	2 238	1 137	694	2 895	4 186	11 150	9 729	1 421
June	1 997	986	608	2 566	3 727	9 884	8 642	1 242
July	1 451	678	457	2 177	3 137	7 900	7 025	875
August	1 351	603	397	1 723	2 613	6 687	5 938	749

(a) Wheat grain is graded by quality.

(b) Includes ACT.

(c) Includes Tas.

(d) The end of September is used to represent the closing stocks of wheat grain prior to the commencement of the new harvest period (October to September).

	NSW(c)	Vic.(d)	Qld	SA	WA	Aust				
	'000 t	'000 t	'000 t	'000 t	'000 t	'000				
		•••••								
TOTAL (e)										
2008–09(f)	100 -			= 0 0						
August	160.7	74.4	^ 64.1	58.8	20.0	377.				
September(f)	124.1	63.8	^ 57.0	55.6	16.5	317.				
2009–10(f)										
October	151.7	51.7	^ 83.2	53.4	31.2	371.				
November	^ 299.5	36.7	^ 121.8	65.4	69.5	592.				
December	^ 1 749.2	^ 828.9	^ 628.0	^ 506.1	^ 492.8	4 205.				
January	^ 1 183.3	^ 522.8	*500.3	^ 437.8	^ 472.0	3 116.				
February	^ 1 053.6	^ 531.9	*392.8	^ 314.8	^ 461.7	2 754.				
March	^ 932.3	^ 405.7	^ 315.2	^ 249.8	^ 410.6	2 313.				
April	^ 816.4	^ 289.6	^ 264.7	^ 218.9	^ 395.5	1 985.				
May	^ 735.3	^ 216.2	^ 246.9	^ 190.0	^ 214.8	1 603.				
June	^ 609.6	^ 172.9	^ 176.6	^ 153.4	*175.5	^ 1 288.				
July	^ 484.3	^ 148.0	^ 154.4	^ 121.0	*145.7	^ 1 053.				
August	^ 406.1	^ 113.7	*116.8	^ 115.7	^ 92.5	^ 844.				
		GROW	ERS(e)							
<b>2008–09</b> (f)		GROW	ERS(e)							
.,	na	GROW na	ERS(e)	na	na	n				
2008–09(f) August September(f)	na na		- (-)	na na	na na	n				
August		na	na							
August September(f)		na	na							
August September(f) 2009–10(f)	na	na na	na na	na	na	n				
August September(f) 2009–10(f) October	na na na	na na na	na na na	na na	na	n				
August September(f) 2009–10(f) October November December	na na na	na na na na na	na na na na na	na na na	na na na	n n n				
August September(f) 2009–10(f) October November December January	na na na na	na na na na	na na na na na	na na na na	na na na	n n n n				
August September(f) 2009–10(f) October November December January February	na na na na na	na na na na na na	na na na na na na	na na na na na	na na na na na	n n n n n				
August September(f) 2009–10(f) October November December January February March	na na na na	na na na na na na na	na na na na na	na na na na	na na na na	n n n n n n n				
August September(f) 2009–10(f) October November December January February March April	na na na na na na ^ 537.1	na na na na na na *188.5	na na na na na na na *162.1	na na na na na na ^ 125.8	na na na na na na ^ 351.6	n n n n n 2 365				
August September(f) 2009–10(f) October November December January February March April May	na na na na na ^ 537.1 ^ 472.8	na na na na na na *188.5 *121.2	na na na na na na *162.1 *141.6	na na na na na ^125.8 *98.8	na na na na na ^351.6 *181.5	n n n n n 1 365 ^ 1 015				
August September(f) 2009–10(f) October November December January February March April	na na na na na na ^ 537.1	na na na na na na *188.5	na na na na na na na *162.1	na na na na na na ^ 125.8	na na na na na na ^ 351.6	n n n n				

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

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

na not available

(a) Not all users of wheat grain are included. For more information on scope and coverage, refer to the Explanatory Notes.

(b) From April 2010, stocks of wheat grain stored by users has been split to show sub-totals for Growers and Users. See Explanatory Notes for further information.

(c) Includes ACT.

(d) Includes Tas.

(e) From December 2009, the scope and coverage of the Wheat Use Survey were expanded. As a result, data collected prior to the December 2009 reference period are not directly comparable with data collected from December 2009 onwards. Refer to the Explanatory Notes for more information.

(f) The end of September is used to represent the closing stocks of wheat grain prior to the commencement of the next harvest period (October to September).

	NSW(c)	Vic.(d)	Qld	SA	WA	Aust.				
	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t				
USERS (e)										
		032	K 3 (e)							
2008-09(f)										
August	na	na	na	na	na	na				
September(f)	na	na	na	na	na	na				
2009-10(f)										
October	na	na	na	na	na	na				
November	na	na	na	na	na	na				
December	na	na	na	na	na	na				
January	na	na	na	na	na	na				
February	na	na	na	na	na	na				
March	na	na	na	na	na	na				
April	^ 279.3	101.1	^ 102.6	93.1	43.9	620.0				
May	262.5	95.1	^ 105.3	91.2	33.3	587.4				
June	248.7	87.1	80.5	88.3	27.7	532.2				
July	216.0	78.0	79.4	86.0	25.6	485.0				
August	186.7	62.5	59.4	85.3	*21.4	415.4				

^  $\,$  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

na not available

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(b) From April 2010, stocks of wheat grain stored by users has been split to show sub-totals for Growers and Users. See Explanatory Notes for further information.

(c) Includes ACT.

(d) Includes Tas.

(e) From December 2009, the scope and coverage of the Wheat Use Survey were expanded. As a result, data collected prior to the December 2009 reference period are not directly comparable with data collected from December 2009 onwards. Refer to the Explanatory Notes for more information.

(f) The end of September is used to represent the closing stocks of wheat grain prior to the commencement of the next harvest period (October to September).

. . . . . . . . . . . . .

	NSW(b)	Vic.	Qld	SA	WA	Tas.	Aus
	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t	'000
		• • • • • • • • E	EXPORTS	••••	• • • • • • •		
2008–09(c)							
August	310.4	98.3	201.0	139.0	492.9	_	1 241.
September (c)	333.7	63.5	231.5	40.6	312.2	—	981.
2009–10(c)							
October	89.2	45.9	143.9	81.6	400.7	_	761
November	120.6	60.6	43.6	64.4	477.4	_	766
December	181.8	81.2	87.9	105.9	620.3	_	1 077
January	212.4	110.8	67.1	200.0	795.2	_	1 385
February	297.0	151.9	38.1	132.0	607.5	_	1 226
March	237.1	251.1	68.0	163.5	727.7	_	1 447
April	106.1	167.8	87.4	218.7	472.0	_	1 051
May	207.3	185.7	111.0	323.1	615.5	_	1 442
June	150.1	151.1	82.2	301.6	453.1	_	1 138
July	r269.4	r237.0	r111.1	r386.6	r581.4	_	r1 585
August	121.4	190.4	78.8	466.8	484.0	—	1 341
				• • • • • • •			
		DOME	ESTIC U	SE(d)			
2008–09(c)							
August	168.7	84.5	60.0	37.6	23.2	2.7	376
September (c)	183.1	89.4	^ 67.5	35.7	21.7	2.3	399
2009–10(c)							
	201.4	83.8	64.3	37.8	29.7	2.5	419
October						2.1	415
October November	193.2	80.7	72.4	36.5	30.4	2.1	
	193.2 246.7		72.4 91.3	36.5 ^ 42.3	30.4 37.9	*8.3	558
November		80.7					
November December	246.7	80.7 131.8	91.3	^ 42.3	37.9	*8.3	524
November December January	246.7 220.6	80.7 131.8 ^ 126.0	91.3 ^ 97.0	^ 42.3 35.2	37.9 38.1	*8.3 ^ 7.8	524 510
November December January February	246.7 220.6 220.4	80.7 131.8 ^ 126.0 112.7	91.3 ^97.0 ^91.4	^ 42.3 35.2 39.4	37.9 38.1 42.2	*8.3 ^ 7.8 ^ 4.6	558 524 510 496 472
November December January February March	246.7 220.6 220.4 213.0	80.7 131.8 ^ 126.0 112.7 113.9	91.3 ^97.0 ^91.4 82.6	^ 42.3 35.2 39.4 42.6	37.9 38.1 42.2 39.7	*8.3 ^ 7.8 ^ 4.6 ^ 4.7	524 510 496 472
November December January February March April	246.7 220.6 220.4 213.0 197.0	80.7 131.8 ^126.0 112.7 113.9 106.0	91.3 ^97.0 ^91.4 82.6 84.6	^ 42.3 35.2 39.4 42.6 41.9	37.9 38.1 42.2 39.7 37.5	*8.3 ^7.8 ^4.6 ^4.7 ^4.9	524 510 496
November December January February March April May	246.7 220.6 220.4 213.0 197.0 196.9	80.7 131.8 126.0 112.7 113.9 106.0 108.8	91.3 ^97.0 ^91.4 82.6 84.6 86.3	^ 42.3 35.2 39.4 42.6 41.9 44.2	37.9 38.1 42.2 39.7 37.5 40.9	*8.3 ^7.8 ^4.6 ^4.7 ^4.9 ^5.1	524 510 496 472 482

^  $\,$  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)

r revised

(a) Not all users of wheat grain are included. For more information on scope and coverage, refer to the Explanatory Notes.

(b) Includes ACT.

(c) The end of September is used to represent the closing stocks of wheat grain prior to the commencement of the next harvest period (October to September).

(d) From December 2009, the scope and coverage of the Wheat Use Survey were expanded. As a result, data collected prior to the December 2009 reference period are not directly comparable with data collected from December 2009 onwards. Refer to the Explanatory Notes for more information.

	NSW(b)	Vic.	Qld	SA	WA	Tas.	Aust.
	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t
	•••••						•••••
			TOTAL(c)				
<b>2008–09</b> (d)							
August	479.1	182.8	261.0	176.6	516.1	2.7	1 618.4
September (d)	516.8	152.9	299.0	76.3	333.9	2.3	1 381.2
<b>2009–10</b> (d)							
October	290.6	129.7	208.2	119.4	430.4	2.5	1 180.8
November	313.8	141.3	116.0	100.9	507.8	2.1	1 182.0
December	428.5	213.0	179.2	148.2	658.2	*8.3	1 635.4
January	433.1	236.8	164.1	235.3	833.3	^ 7.8	1 910.3
February	517.3	264.6	^ 129.4	171.3	649.7	^ 4.6	1 737.0
March	450.1	364.9	150.6	206.1	767.4	^ 4.7	1 943.8
April	303.0	273.8	172.0	260.6	509.5	^ 4.9	1 523.9
May	404.2	294.5	197.3	367.3	656.4	^ 5.1	1 924.8
June	360.5	251.2	166.9	344.5	493.5	^ 5.4	1 622.1
July	r478.8	r345.0	r192.2	r429.9	r623.0	^ 5.1	r2 073.9
August	329.1	300.2	150.7	511.0	524.3	^ 4.8	1 820.1

^  $\,$  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

r revised

(a) Not all users of wheat grain are included. For more information on scope and coverage, refer to the Explanatory Notes.

(b) Includes ACT.

(c) From December 2009, the scope and coverage of the Wheat Use Survey were expanded. As a result, data collected prior to the December 2009 reference period are not directly comparable with data collected from December 2009 onwards. Refer to the Explanatory Notes for more information.

(d) The end of September is used to represent the closing stocks of wheat grain prior to the commencement of the next harvest period (October to September).

## WHEAT GRAIN COMMITTED(a), at month end

	CONTRACTED FOR EXPORT, BY STATE OF ORIGIN(b)							TOTAL COMMITTED
	NSW(c)	Vic.(d)	Qld	SA	WA	Aust.	Aust.	Aust.
	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t	'000 t
<b>2008–09</b> (e)								
August	354.0	185.3	360.2	170.5	1 110.4	2 180.4	744.4	2 924.8
September(e)	127.1	170.9	183.0	114.8	970.0	1 565.8	705.7	2 271.4
<b>2009–10</b> (e)								
October	70.3	170.1	165.5	101.2	798.9	1 306.0	685.0	1 991.0
November	157.4	197.7	150.1	70.3	954.6	1 530.1	1 375.6	2 905.7
December	163.2	195.6	108.8	132.6	1 065.0	1 665.2	1 530.1	3 195.3
January	535.9	393.1	247.8	439.6	1 666.8	3 283.1	1 664.4	4 947.5
February	647.5	362.6	232.8	361.9	1 884.4	3 489.1	1 417.2	4 906.2
March	653.7	493.1	227.7	425.9	1 925.1	3 725.5	1 357.2	5 082.7
April	445.3	481.1	330.4	564.1	1 665.8	3 486.7	1 219.1	4 705.8
May	604.0	659.3	361.5	616.5	1 731.4	3 972.7	1 078.0	5 050.7
June	606.5	522.0	316.0	731.6	1 694.8	3 870.9	983.0	4 853.9
July	481.3	372.1	243.8	847.8	1 694.3	3 639.4	780.8	4 420.2
August	808.8	447.8	327.4	842.6	1 629.5	4 056.1	698.5	4 754.6

(a) Wheat committed is wheat that is contracted for export or domestic use (refer to Glossary).

(d) Includes Tas.

(b) State/territory in which the wheat grain was located when purchased for export. (e) The end of September is used to represent the closing stocks of wheat grain prior to the commencement of the next harvest period (October to September).

(c) Includes ACT.

## EXPLANATORY NOTES

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INTRODUCTION	<b>1</b> This publication presents estimates from various Australian Bureau of Statistics (ABS) wheat surveys and from administrative data relating to wheat exports. The Australian Bureau of Agricultural and Resource Economics (ABARE) uses the data in this publication to prepare a monthly report on the Australian wheat industry. This information informs policy and decision making following the passage of the <i>Wheat Export Marketing Bill</i> on 1 July 2008.
SCOPE AND COVERAGE	<ul> <li>2 Approximately 3,000 businesses were surveyed in the Wheat Use Coverage Survey (WUSC) conducted in late 2008. The sample comprised approximately 900 manufacturers and 2,100 animal feedlot operators. Responses from these businesses indicated that many of them were not direct users of wheat grain and they were consequently made out of scope of the collection.</li> </ul>
	<b>3</b> Approximately 3,000 businesses were surveyed in a second Wheat Use Coverage Survey (WUSC) conducted in late 2009. The sample was largely comprised of dairy operators and wheat growers.
	<b>4</b> Commencing with the December 2009 reference period, monthly Wheat Use Surveys (WUS) are based on a sample of approximately 1,000 businesses using the combined coverage derived from the Wheat Use Coverage Surveys (WUSC).
	<ul> <li>5 Estimates in this publication are based on information obtained from the following ABS surveys:</li> <li>a Grain (Wheat) Handlers Stocks Survey (GHSS) - Monthly</li> <li>b Wheat Use Survey (WUSC) - Annual Coverage</li> <li>a Wheat Use Survey (WUS) - Monthly</li> <li>b Wheat Export Sales Survey (WESS) - Monthly</li> </ul>
	<b>6</b> The data on wheat grain exported were compiled by the ABS from information submitted by exporters or their agents to the Australian Customs Service. These data may be subject to revision.
	7 The coverage of the Grain (Wheat) Handlers Stocks Survey (GHSS) was all major bulk grain handlers. The GHSS was previously conducted on a quarterly basis, but from March 2009 the GHSS has been conducted and data published on a monthly basis.
	<b>8</b> Commencing with the December 2009 reference period, the scope of the Wheat Use Survey (WUS) was agricultural businesses, manufacturing businesses, dairy operators and wheat growers either using or storing wheat grain, that were recorded on the ABS' Business Register (ABSBR). The ABSBR is sourced from the Australian Business Register (ABR) which is administered and maintained by the Australian Taxation Office (ATO).
	<b>9</b> For agricultural businesses, a minimum size cut-off of \$5,000 was applied to determine whether a business was in scope for the WUS. The measure of size was based on the ABS' Estimated Value of Agricultural Operations (EVAO) where available; or where it was not available, a Business Activity Statement (BAS) turnover size was derived.
	<b>10</b> The coverage of the WUS included animal feedlot operators, dairy operators, manufacturing businesses using or storing wheat grain, and wheat growing businesses. The Australian and New Zealand Standard Industrial Classification 2006 (ANZSIC06) was used to identify these businesses on the ABSBR, and the following ANZSIC06 codes were used:
	<ul> <li>Animal feedlot operators</li> <li>0143 - beef cattle feedlots (specialised)</li> <li>0171 - poultry farming (meat)</li> <li>0172 - poultry farming (eggs)</li> </ul>

- 0192 pig farming
- Dairy operators
  - 0160 dairy cattle farming

## **EXPLANATORY NOTES** *continued*

SCOPE AND COVERAGE continued	<ul> <li>Manufacturers using wheat grain</li> <li>1161 - grain mill product manufacturing</li> <li>1162 - cereal, pasta and baking mix manufacturing</li> <li>1192 - prepared animal and bird feed manufacturing</li> <li>1812 - basic organic chemical manufacturing</li> <li>Wheat growing businesses</li> <li>0145 - Grain-Sheep or Grain-Beef Cattle Farming</li> <li>0149 - Other Grain Growing</li> </ul>
	<b>11</b> From April 2010, the total stocks of wheat grain stored by users has been split to show sub-totals for both Growers (wheat growing businesses) and Users (animal feedlot operators, dairy operators and manufacturers). Refer to the paragraph above for the relevant ANZSIC codes. Sub-totals for months prior to April 2010 are not available.
	<b>12</b> Additionally, businesses reporting beef cattle feedlot activity in the 2005-06 Agricultural Census or 2006-07 Agricultural Survey were included in the coverage for the WUS. From December 2009, the scope was expanded to include dairy operators and also agricultural businesses reporting wheat production in the 2008-09 Agricultural Survey.
	<b>13</b> The coverage of the Wheat Export Sales Survey (WESS) included businesses reporting wheat grain exports on documentation lodged with the Australian Customs Service and units on the Department of Agriculture, Fisheries and Forestry (DAFF) Wheat Export Charge (WEC) levy register.
COMPARABILITY	<b>14</b> Prior to the December 2009 reference period, data compiled from the WUS excluded on-farm storage and use, apart from animal feedlot operators and manufacturing businesses as previously defined. Commencing with the December 2009 reference period, the coverage of the WUS was expanded to include on-farm storage and use, and the scope expanded to include wheat growers and the dairy sector. As a result, wheat grain stocks and use data for wheat users for periods prior to December 2009 are not directly comparable with data collected from December 2009 onwards.
RELIABILITY OF ESTIMATES	<b>15</b> Sample sizes for both the Grain (Wheat) Handlers Stocks Survey and Wheat Export Sales Survey were smaller than the sample size for the Wheat Use Survey, with the major grain handlers and approximately 50 major wheat exporters being surveyed.
	<b>16</b> A minimum response rate of at least 90% is generally achieved for the monthly wheat collections.
	<b>17</b> Some of the estimates in this publication are based on information obtained from samples drawn from the total business population in scope of these collections. As such, estimates are subject to sampling variability; that is, they may differ from the figures that would have been produced if all businesses had been included in the surveys. One measure of the likely difference is given by the standard error (SE) which indicates the extent to which an estimate might vary by chance because only a sample was taken. There are about two chances in three that a 'sample' estimate will differ by less than one SE from the figure that would have been obtained if all businesses had responded, and about nineteen chances in twenty that the difference will be less than two SEs.
	<b>18</b> In this publication, 'sampling' variability of the estimates is measured by the relative standard error (RSE) which is obtained by expressing the SE as a percentage of the estimate to which it refers.
	<b>19</b> Most published national estimates have RSEs of less than 10%. However some state estimates have RSEs greater than 10%. Estimates that have an estimated RSE between 10% and 25% are annotated with the symbol '^'. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with an RSE between 25% and 50% are annotated with the symbol '*', indicating that the estimate should be used with caution as it is subject to sampling variability too high for

# EXPLANATORY NOTES continued

RELIABILITY OF ESTIMATES	most practical purposes. Estimates with an RSE greater than 50% are annotated with the symbol '**' indicating that the sampling variability causes the estimates to be considered too unreliable for general use. Separate indication of the RSEs of all estimates is available on request.	
ROUNDING	<b>20</b> Where figures have been rounded, discrepancies may occur between sums of the component items and totals.	
ABS DATA AVAILABLE ON REQUEST	<b>21</b> Not all data from these surveys are published here. 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.	
GENERAL ACKNOWLEDGMENT	<b>22</b> 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 <i>Census and Statistics Act 1905</i> .	
RELATED PUBLICATIONS	<ul> <li>Additional information relating to grain stocks, including quality, is published in:</li> <li>Stocks of Grain Held by Bulk Handling Companies and Grain Traders, Australia (cat. no. 7122.0.55.001).</li> </ul>	
	<ul> <li>24 A range of other publications relevant to the Agriculture sector is produced by the ABS, including:</li> <li><i>Agricultural Commodities, Australia</i> (cat. no. 7121.0)</li> <li><i>Principal Agricultural Commodities, Australia, Preliminary</i> (cat. no. 7111.0)</li> <li><i>Value of Agricultural Commodities Produced Australia</i> (cat. no. 7503.0)</li> <li><i>Livestock and Meat, Australia</i> (cat. no. 7218.0.55.001)</li> <li><i>Livestock Products, Australia</i> (cat. no. 7215.0)</li> <li><i>Water Use on Australian Farms</i> (cat. no. 4618.0)</li> </ul>	
	<b>25</b> Detailed merchandise exports data are available by contacting the National Information and Referral Service on 1300 135 070. Value and quantity data can be produced according to a number of commodity classifications, with information available by state/territory of origin, and country of destination.	
	<b>26</b> Current publications and other products released by the ABS are listed under the <i>Topics @ a Glance</i> 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</http:>	

week ahead.

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## GLOSSARY

Harvest	The collection of grain once it has reached optimal maturity. The wheat grain harvest in Australia typically occurs from October through to December each year.	
Wheat grade	Wheat grain is graded by quality to determine if it is suitable for human or animal consumption. The wheat grain classifications in <i>Wheat Use and Stocks, Australia</i> (cat. no. 7307.0) are milling and feed.	
Wheat grain committed	For the <b>export</b> sector 'committed' means there is a contract in place for the export of wheat grain.	
	For the <b>domestic</b> sector 'committed' means a contract is in place to procure wheat grain for domestic use and/or processing. It does not mean an intention to acquire wheat grain over the remainder of the year. It is acknowledged that this may fluctuate as contracts are cancelled, but is a 'point in time' estimate. It relates to contracts held by end users of wheat grain, not intermediaries.	
Wheat grain growers	Growers refers to wheat growing businesses. For more information, refer to the Explanatory Notes.	
Wheat grain used	For the <b>export</b> sector, 'used' means wheat exported from the country. It is assumed that wheat grain, once exported, cannot be re-imported without breaching quarantine rules and so is 'used' once it leaves the country.	
	For the <b>domestic</b> sector, 'used' means consumed by end users, whether they be flour millers, feedlotters, etc. In this context, 'used' means wheat grain no longer available in its harvested form for other users to buy or use, i.e. it has been transformed (e.g. to flour) or consumed (e.g. fed to animals).	
Wheat grain users	Users include beef cattle feedlots, poultry, and pig producers, dairy operators and manufacturers using or storing wheat grain. For more information, refer to the Explanatory Notes.	

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