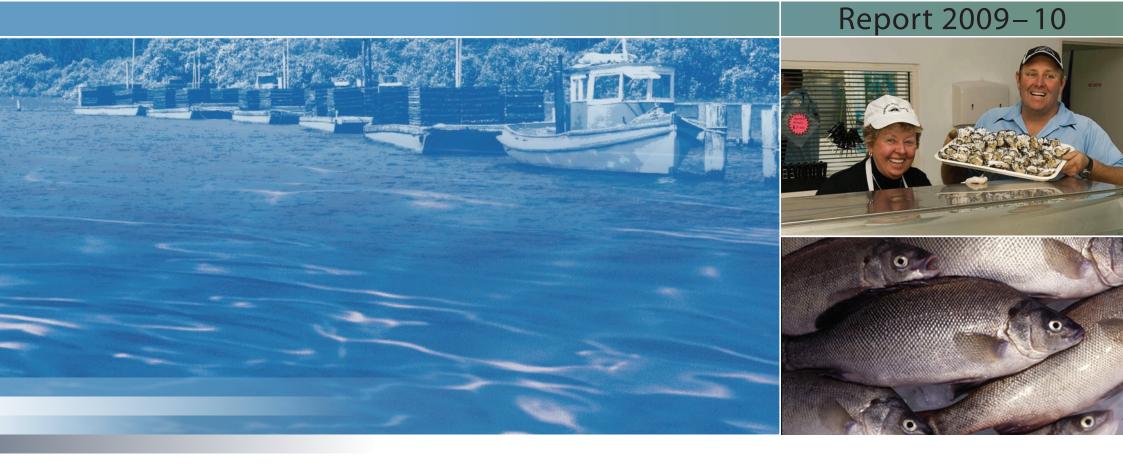


Aquaculture Production



WWW.INDUSTRY.NSW.GOV.AU

Title: Aquaculture Production Report 2009-2010

Author: Sheree Wiseman, Aquaculture Unit, Port Stephens Fisheries Institute

© State of New South Wales through Industry & Investment NSW 2010. You may copy, distribute, display, download and otherwise freely deal with this publication for any purpose, provided that you attribute the department as the owner. However, you must obtain permission if you wish to:

- charge others for access to the publication (other than at cost);
- include the publication in advertising or a product for sale;
- modify the publication; or
- re-publish the publication on a website.

You may freely link to the publication on the Industry & Investment NSW website.

For updates to this publication, check .http://www.Industry.nsw.gov.au

Published by Industry & Investment NSW

ISSN 1444-840

Acknowledgements

Project Manager: Sheree Wiseman, Aquaculture Unit, Port Stephens Fisheries Institute

Data: Joyce Paterson, Jenny Batterham, Janine Sakker, Raelene Trenaman, Ryan Jefferson

Tables & Graphs: Antonia Creese, Janine Sakker, Sheree Wiseman

Disclaimer

Information presented in this publication is presented as a general representation of aquaculture production in NSW for the reporting period 1 July 2009 to 30 June 2010. All care has been taken to ensure the information is correct at the time of publication. Industry & Investment NSW does not guarantee the accuracy of the information provided by the permit holders.

This information should not be used in the development of business plans, investment proposals or other applications unless professional advice is sought.

File reference: A100009

Contents

| Land Based Production | 1 |
|---|-------|
| Table 1: Snapshot of Aquaculture Production for 2009/2010 | 1 |
| Table 2: Fish, Crustacean and Mollusc Production 2009/2010 | 2 |
| Figure A: Comparative Graph of Non-Oyster Aquaculture Production | 3 |
| Table 3: Commercial Hatchery Production 2009/2010 | 4 |
| Oyster Production | 5 |
| Table 4: Sydney Rock Oyster Production -2006/2007, 2007/2008, 2008/2009 | 9 and |
| 2009/2010 by Estuary | 5 |
| Table 5: Sydney Rock Oyster Sales by Estuary and Production Method | 6 |
| Table 6: Sydney Rock Oyster Sales by Market | 9 |
| Table 7: Sydney Rock Oyster Sales by Production Method | 9 |
| Table 8: Sydney Rock Oyster Sales by Permit Holders | 10 |
| Figure B: Percentage of Oyster Permit Holders by Production Range | 11 |
| Table 9: Sydney Rock Oyster Sales by Estuary | 12 |
| Figure C: Comparative Graphs: Sydney Rock Oyster (SRO) Production | 13 |
| Table 10: Pacific Oyster Sales from Port Stephens | 14 |
| Table 11: Pacific Oyster Sales by Production Method | 14 |
| Table 12: Pacific Oyster Sales by Market | 14 |
| Table 13: Triploid Pacific Oyster Sales by Estuary | 15 |
| Table 14: Triploid Pacific Oyster Sales by Production Method | 15 |
| Table 15: Triploid Pacific Oyster Sales by Market | 15 |
| Table 16: Spat Production Value by Cultivation Method | 16 |
| Table 17: Spat Sales by Estuary | 16 |
| Appendix 1. Oyster Price and Weight Conversions | 17 |
| Sydney Rock Oysters | 17 |
| Pacific Oysters | 17 |
| Triploid Oysters | 17 |
| Weight Conversions | 17 |
| | |

Table 1: Snapshot of Aquaculture Production for 2009/2010

| Grouping | Common Name | Scientific Name | No. Farms with Permits for this Species | No. Farms Producing this Species | Commercial Production Area (ha) | Production (kg) | Average Price per kg (\$) | Total Value (\$) |
|-------------------|-------------------------|--|---|-------------------------------------|---------------------------------------|-----------------|------------------------------|------------------|
| Crustaceans | black tiger prawn | Penaeus monodon | 12 | N/a | 98.50 | 165,460 | \$14.67 | \$2,427,301 |
| | yabby | Cherax destructor | 82 | 18 | 32.13** | 3,254 | \$17.39 | \$56,616 |
| | yabby (bait) | Cherax destructor | | | | | | \$118,741 |
| Freshwater fish | barramundi | Lates calcarifer | 6 | N/a | 0.36 | 85,500 | \$12.23 | \$1,046,000 |
| | eel-long finned | Anguilla reinhardtii | 17 | N/a | 3.82 | 22,018 | \$15.11 | \$332,600 |
| | golden perch | Macquaria ambiqua | 69 | N/a | 0.10 | 204 | \$16.05 | \$3,275 |
| | Murray cod | Maccullochella peelii | 38 | N/a | 0.50 | 3,163 | \$19.37 | \$61,259 |
| | rainbow trout | Oncorhynchus mykiss | 26 | N/a | 1.30 | 148,777 | \$10.77 | \$1,602,651 |
| | silver perch | Bidyanus bidyanus | 89 | 22 | 52.40 | 194,279 | \$12.02 | \$2,336,022 |
| Marine fish | mulloway | Argyrosomus japonicus | 20 | N/a | 5.40 | 32,246 | \$9.11 | \$293,793 |
| Sub total | | | | | | | | \$8,278,258 |
| Hatchery | Hatchery (species) | (see hatchery production table) | | | | | | \$2,643,560 |
| Mollusc - oysters | Sydney rock oyster | Saccostrea glomerata (see oyster prod | uction tables) | | | | | \$34,972,148 |
| | Pacific oyster | Crassostrea gigas (see oyster production | on tables) | | | | | \$1,597,419 |
| | Triploid Pacific oyster | Crassostrea gigas (see oyster production | on tables) | | | | | \$2,921,523 |
| | flat oysters | Ostrea angasi | | | | | | \$125,187 |
| | oyster spat | (see oyster production tables) | | | | | | \$2,747,982 |
| *Other | | | | | | | | \$697,000 |
| Total \$ Value | | | | | | | | \$53,983,077 |

N/a = not available due to confidentiality e.g. fewer than five permits. *Other = Due to confidentiality these figures are included under this category. Species include, tube worm (*Diopatra aciculata*), blue mussel (*Mytilus galloprovincialis*) & pearls (Pinctada imbricate).

**Includes Commercial Production Area Class E (multi site) aquaculture permits.

Note that the "Average Price per kg (\$)" has been rounded to nearest cent.

Table 2: Fish, Crustacean and Mollusc Production 2009/2010

| Grouping | Common Name | Scientific Name | No. Farms with Permits for this Species | No. Farms Producing this Species | Commercial Production Area (ha) | Production (kg) | Average Price per kg (\$) | Total Value (\$) |
|-----------------|-------------------|-----------------------|---|-------------------------------------|---------------------------------------|-----------------|------------------------------|------------------|
| Crustaceans | black tiger prawn | Penaeus monodon | 12 | N/a | 98.50 | 165,460 | \$14.67 | \$2,427,301 |
| | yabby | Cherax destructor | 82 | 18 | 32.13** | 3,254 | \$17.39 | \$56,616 |
| | yabby (bait) | Cherax destructor | | | | | | \$118,741 |
| Freshwater fish | barramundi | Lates calcarifer | 6 | N/a | 0.36 | 85,500 | \$12.23 | \$1,046,000 |
| | eel-long finned | Anguilla reinhardtii | 17 | N/a | 3.82 | 22,018 | \$15.11 | \$332,600 |
| | golden perch | Macquaria ambiqua | 69 | N/a | 0.10 | 204 | \$16.05 | \$3,275 |
| | Murray cod | Maccullochella peelii | 38 | N/a | 0.50 | 3,163 | \$19.37 | \$61,259 |
| | rainbow trout | Oncorhynchus mykiss | 26 | N/a | 1.30 | 148,777 | \$10.77 | \$1,602,651 |
| | silver perch | Bidyanus bidyanus | 89 | 22 | 52.40 | 194,279 | \$12.02 | \$2,336,022 |
| Marine fish | mulloway | Argyrosomus japonicus | 20 | N/a | 5.40 | 32,246 | \$9.11 | \$293,793 |
| Total \$ Value | | | | | | | | \$8,278,258 |

N/a = not available due to confidentiality e.g. fewer than five permits. **Includes Commercial Production Area Class E (multi site) aquaculture permits. Note that the "Average Price per kg (\$)" has been rounded to the nearest cent.

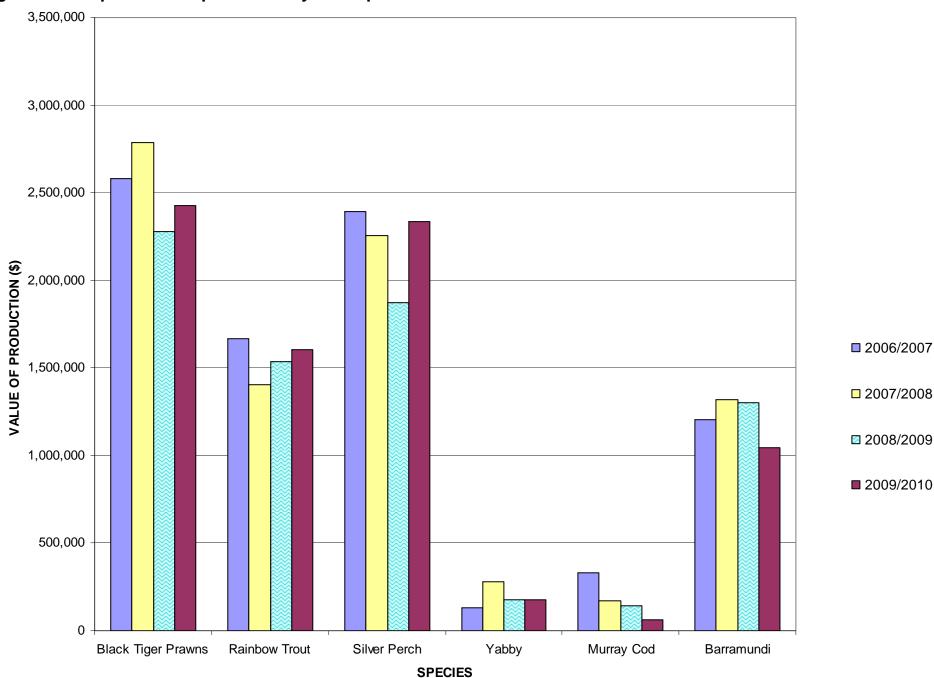


Figure A: Comparative Graph of Non-Oyster Aquaculture Production

Table 3: Commercial Hatchery Production 2009/2010

| Grouping | Common Name | Scientific Name | Number of Permits | Hatcheries Producing | Product Description | Quantity | Average Price per Unit (\$) | Total Value (\$) |
|------------------|--------------------|-------------------------|----------------------|-------------------------|---------------------|-----------|--------------------------------|------------------|
| Aquarium Species | Aquarium species | Various species | 18 | 6 | Juveniles | ** | ** | \$127,178 |
| | goldfish | Carassius auratus | 10 | 6 | Juveniles | 374,671 | \$0.56 | \$211,218 |
| | koi carp | Cyprinus carpio | 9 | 6 | Juveniles | 196,196 | \$1.12 | \$219,270 |
| Crustaceans | black tiger prawn | Penaeus monodon | 7 | N/a | Larvae | 7,270,000 | \$0.02 | \$116,320 |
| Freshwater fish | Australian bass | Macquaria novemaculeata | 16 | N/a | Juveniles | 413,988 | \$0.62 | \$256,130 |
| | eel tailed catfish | Tandanus tandanus | 19 | N/a | Juveniles | 9,018 | \$1.55 | \$13,934 |
| | golden perch | Macquaria ambiqua | 33 | 5 | Juveniles | 1,835,160 | \$0.28 | \$505,436 |
| | Murray cod | Maccullochella peelii | 18 | N/a | Juveniles | 1,218,385 | \$0.60 | \$728,126 |
| | rainbow trout | Oncorhynchus mykiss | 10 | N/a | Juveniles | 39,173 | \$0.88 | \$34,586 |
| | silver perch | Bidyanus bidyanus | 35 | 11 | Juveniles | 738,012 | \$0.42 | \$307,112 |
| Marine fish | mulloway | Argyrosomus japonicus | 11 | N/a | Juveniles | 35,000 | \$0.66 | \$23,250 |
| *Other | | | | | | | | \$101,000 |
| Total Value | | | | | | | | \$2,643,560 |

N/a = not available due to confidentiality e.g. fewer than five permits. *Other = Due to confidentiality these figures are included under this category. Species include Sydney rock oyster (Saccostrea glomerata), flat oyster (Ostrea Angasi) & Pacific oyster (Crassostrea gigas).

** Quantity and average price not recorded due to the range of species. Note that the "Average Price per Unit (\$)" has been rounded to the nearest cent.

Table 4: Sydney Rock Oyster Production – 2006/2007, 2007/2008, 2008/2009 and 2009/2010 by Estuary

| Estuary | Plate Grade Dozens | | | | | Bistro Grad | de Dozens | | | Bottle Grad | de Dozens | | | Total I | Dozens | |
|------------------|--------------------|-----------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 06/07 | 07/08 | 08/09 | 09/10 | 06/07 | 07/08 | 08/09 | 09/10 | 06/07 | 07/08 | 08/09 | 09/10 | 06/07 | 07/08 | 08/09 | 09/10 |
| Nambucca River | 30,823 | 32,181 | 35,035 | 22,878 | 59,362 | 44,137 | 38,542 | 62,337 | 17,161 | 34,789 | 17,996 | 38,881 | 107,346 | 111,107 | 91,573 | 124,096 |
| Macleay River | 5,271 | 4,982 | 2,593 | 17,997 | 10,940 | 12,762 | 10,329 | 37,103 | 28,116 | 47,020 | 27,751 | 54,423 | 44,327 | 64,764 | 40,673 | 109,523 |
| Hastings River | 66,552 | 32,253 | 26,745 | 44,079 | 95,509 | 75,111 | 54,985 | 105,893 | 148,339 | 119,559 | 184,767 | 121,854 | 310,400 | 226,923 | 266,497 | 271,826 |
| Camden Haven | 88,608 | 78,450 | 94,944 | 76,846 | 77,415 | 51,615 | 32,636 | 57,090 | 145,530 | 86,030 | 34,000 | 42,700 | 311,553 | 216,095 | 161,580 | 176,636 |
| Manning River | 80,971 | 23,911 | 54,301 | 25,098 | 52,557 | 20,246 | 45,591 | 24,553 | 130,409 | 26,666 | 26,038 | 28,870 | 263,937 | 70,823 | 125,930 | 78,521 |
| Wallis Lake | 455,384 | 520,523 | 445,703 | 282,597 | 726,249 | 815,855 | 557,701 | 508,568 | 1,138,780 | 1,328,837 | 1,770,438 | 1,183,675 | 2,320,413 | 2,665,215 | 2,773,842 | 1,974,840 |
| Port Stephens | 292,611 | 272,974 | 250,586 | 426,337 | 200,773 | 225,323 | 189,997 | 294,368 | 189,167 | 108,610 | 159,657 | 307,989 | 682,551 | 606,907 | 600,240 | 1,028,694 |
| Brisbane Water | 43,000 | 34,765 | 21,750 | 84,928 | 61,377 | 74,104 | 60,610 | 87,795 | 167,998 | 143,295 | 103,770 | 150,476 | 272,375 | 252,164 | 186,130 | 323,199 |
| Hawkesbury River | 2,000 | N/a | 2,900 | 3,926 | 3,400 | N/a | 2,175 | 2,724 | 5,100 | 5,500 | 300 | N/a | 10,500 | 5,500 | 5,375 | 6,650 |
| Shoalhaven River | 18,814 | 13,976 | 15,689 | N/a | 14,320 | 15,364 | 7,864 | N/a | 15,541 | 10,423 | 20,982 | N/a | 48,675 | 39,763 | 44,535 | N/a |
| Crookhaven River | 36,472 | 35,012 | 25,269 | 23,075 | 34,430 | 35,480 | 36,474 | 32,364 | 51,732 | 56,942 | 59,185 | 37,134 | 122,634 | 127,434 | 120,928 | 92,573 |
| Clyde River | 152,254 | 137,818 | 183,301 | 110,031 | 210,894 | 238,164 | 290,144 | 229,164 | 407,189 | 374,212 | 408,970 | 270,793 | 770,337 | 750,194 | 882,415 | 609,988 |
| Tuross Lake | 27,250 | 23,130 | 15,005 | 17,985 | 30,090 | 33,414 | 24,645 | 18,134 | 22,875 | 26,409 | 16,225 | 10,537 | 80,215 | 82,953 | 55,875 | 46,656 |
| Wagonga Inlet | 32,200 | 42,176 | 42,489 | 35,444 | 114,027 | 104,917 | 79,399 | 45,653 | 171,172 | 82,965 | 212,371 | 108,906 | 317,399 | 230,058 | 334,259 | 190,003 |
| Wapengo Lake | 11,555 | 12,656 | 10,264 | 11,734 | 35,055 | 40,696 | 28,470 | 39,380 | 22,695 | 32,608 | 19,305 | 24,520 | 69,305 | 85,960 | 58,039 | 75,634 |
| Merimbula Lake | 116,760 | 76,852 | 85,387 | 44,665 | 74,407 | 47,927 | 48,150 | 82,578 | 59,994 | 126,916 | 46,068 | 41,550 | 251,161 | 251,695 | 179,605 | 168,793 |
| Pambula River | 40,467 | 40,472 | 42,065 | 47,323 | 63,943 | 50,038 | 44,727 | 55,706 | 92,484 | 90,416 | 111,334 | 112,348 | 196,894 | 180,926 | 198,126 | 215,377 |
| Wonboyn River | 2,6408 | 35,876 | 35,517 | 24,746 | 21,715 | 17,427 | 24,841 | 15,616 | 7,729 | 9,485 | 23,912 | 11,138 | 55,852 | 62,788 | 84,270 | 51,500 |
| **Others | 98,430 | 123,422 | 104,792 | 126,974 | 117,183 | 103,771 | 108,666 | 65,923 | 72,980 | 91,616 | 115,936 | 75,528 | 288,593 | 318,809 | 329,394 | 268,425 |
| Totals | 1,625,830 | 1,541,429 | 1,494,335 | 1,426,663 | 2,003,646 | 2,006,351 | 1,685,946 | 1,764,949 | 2,894,991 | 2,802,298 | 3,359,005 | 2,621,322 | 6,524,467 | 6,350,078 | 6,539,286 | 5,812,934 |

**Others not named for confidentiality include: Tweed River, Richmond River, Clarence River, Wooli Wooli River, Bellinger River, Hunter River, Botany Bay, Shoalhaven River, Bermagui River & Nelson Lagoon.

N/a: Data not available for confidentiality reasons.

Table 5: Sydney Rock Oyster Sales by Estuary and Production Method

| Estuary | Type of Cultivation | Plate Grade (Bags) | Plate Grade (Dozens) | Value(\$) | Bistro Grade (Bags) | Bistro Grade (Dozens) | Value(\$) | Bottle Grade (Bags) | Bottle Grade (Dozens) | Value(\$) | Total Bags | Total Dozens | Total Value (\$) |
|----------------|------------------------|--------------------------|----------------------------|-------------|---------------------------|-----------------------------|-------------|---------------------------|-----------------------------|-------------|---------------|-----------------|---------------------|
| Nambucca River | Raft/Pontoon | 214 | 21,422 | \$176,946 | 428 | 47,069 | \$301,712 | 288 | 37,482 | \$169,793 | 930 | 105,973 | \$648,451 |
| | Tray | 15 | 1,456 | \$12,027 | 139 | 15,268 | \$97,868 | 11 | 1,399 | \$6,337 | 164 | 18,123 | \$116,232 |
| Estuary Total | | 229 | 22,878 | \$188,972 | 567 | 62,337 | \$399,580 | 299 | 38,881 | \$176,131 | 1,095 | 124,096 | \$764,683 |
| Macleay River | Floating Basket | 153 | 15,268 | \$126,114 | 296 | 32,609 | \$209,024 | 335 | 43,565 | \$197,349 | 784 | 91,442 | \$532,487 |
| | Longline Basket | 0 | 45 | \$372 | 2 | 225 | \$1,442 | 18 | 2,333 | \$10,568 | 20 | 2,603 | \$12,382 |
| | Raft/Pontoon | 7 | 745 | \$6,154 | 4 | 425 | \$2,724 | 1 | 182 | \$824 | 13 | 1,352 | \$9,702 |
| | Stick | 0 | 45 | \$372 | 2 | 225 | \$1,442 | 1 | 181 | \$820 | 4 | 451 | \$2,634 |
| | Tray | 19 | 1,894 | \$15,644 | 33 | 3,619 | \$23,198 | 63 | 8,162 | \$36,974 | 115 | 13,675 | \$75,816 |
| Estuary Total | | 180 | 17,997 | \$148,655 | 337 | 37,103 | \$237,830 | 419 | 54,423 | \$246,536 | 936 | 109,523 | \$633,022 |
| Hastings River | Floating Basket | 72 | 7,232 | \$59,736 | 103 | 11,305 | \$72,465 | 94 | 12,227 | \$55,388 | 269 | 30,764 | \$187,590 |
| | Longline Basket | 40 | 4,000 | \$33,040 | 200 | 22,000 | \$141,020 | 246 | 32,000 | \$144,960 | 486 | 58,000 | \$319,020 |
| | Raft/Pontoon | 106 | 10,617 | \$87,696 | 279 | 30,663 | \$196,550 | 347 | 45,105 | \$204,326 | 732 | 86,385 | \$488,572 |
| | Slats | 23 | 2,254 | \$18,618 | 34 | 3,727 | \$23,890 | 42 | 5,412 | \$24,516 | 98 | 11,393 | \$67,024 |
| | Tray | 200 | 19,976 | \$165,002 | 347 | 38,198 | \$244,849 | 209 | 27,110 | \$122,808 | 756 | 85,284 | \$532,659 |
| Estuary Total | | 441 | 44,079 | \$364,093 | 963 | 105,893 | \$678,774 | 937 | 121,854 | \$551,999 | 2,341 | 271,826 | \$1,594,865 |
| Camden Haven | Floating Basket | 30 | 3,000 | \$24,780 | 7 | 750 | \$4,808 | | | | 37 | 3,750 | \$29,588 |
| | Raft/Pontoon | 127 | 12,700 | \$104,902 | 21 | 2,360 | \$15,128 | 11 | 1,470 | \$6,659 | 160 | 16,530 | \$126,689 |
| | Tray | 611 | 61,146 | \$505,066 | 491 | 53,980 | \$346,012 | 317 | 41,230 | \$186,772 | 1,419 | 156,356 | \$1,037,850 |
| Estuary Total | | 768 | 76,846 | \$634,748 | 519 | 57,090 | \$365,947 | 328 | 42,700 | \$193,431 | 1,616 | 176,636 | \$1,194,126 |
| Manning River | Dredge | 45 | 4,523 | \$37,360 | 13 | 1,436 | \$9,205 | 6 | 844 | \$3,823 | 65 | 6,803 | \$50,388 |
| | Floating Basket | | | | 5 | 600 | \$3,846 | 38 | 5,000 | \$22,650 | 44 | 5,600 | \$26,496 |
| | Longline Basket | 27 | 2,700 | \$22,302 | 4 | 400 | \$2,564 | | | | 31 | 3,100 | \$24,866 |
| | Stick | 15 | 1,500 | \$12,390 | | | | 1 | 120 | \$544 | 16 | 1,620 | \$12,934 |
| | Tray | 164 | 16,375 | \$135,258 | 201 | 22,117 | \$141,770 | 176 | 22,906 | \$103,764 | 541 | 61,398 | \$380,792 |
| Estuary Total | | 251 | 25,098 | \$207,309 | 223 | 24,553 | \$157,385 | 222 | 28,870 | \$130,781 | 696 | 78,521 | \$495,475 |
| Wallis Lake | Floating Basket | | | | 1 | 60 | \$385 | 68 | 8,820 | \$39,955 | 68 | 8,880 | \$40,339 |
| | Longline Basket | | | | 24 | 2,640 | \$16,922 | 27 | 3,450 | \$15,629 | 51 | 6,090 | \$32,551 |
| | Stick | 460 | 46,006 | \$380,010 | 789 | 86,809 | \$556,446 | 299 | 38,807 | \$175,796 | 1,548 | 171,622 | \$1,112,251 |
| | Tray | 2,366 | 236,591 | \$1,954,242 | 3,810 | 419,059 | \$2,686,168 | 8,712 | 1,132,598 | \$5,130,669 | 14,888 | 1,788,248 | \$9,771,079 |
| Estuary Total | | 2,826 | 282,597 | \$2,334,251 | 4,623 | 508,568 | \$3,259,921 | 9,105 | 1,183,675 | \$5,362,048 | 16,555 | 1,974,840 | \$10,956,220 |
| Port Stephens | Floating Basket | 4 | 371 | \$3,064 | 1 | 69 | \$442 | 1 | 106 | \$480 | 5 | 546 | \$3,987 |
| | Longline Basket | 77 | 7,730 | \$63,850 | 105 | 11,600 | \$74,356 | 11 | 1,470 | \$6,659 | 194 | 20,800 | \$144,865 |
| | Raft/Pontoon | | | | 409 | 45,000 | \$288,450 | | | | 409 | 45,000 | \$288,450 |
| | Stick | 93 | 9,250 | \$76,405 | 145 | 15,975 | \$102,400 | 205 | 26,600 | \$120,498 | 442 | 51,825 | \$299,303 |
| | Tray | 4,090 | 408,986 | \$3,378,224 | 2,016 | 221,724 | \$1,421,251 | 2,152 | 279,813 | \$1,267,553 | 8,258 | 910,523 | \$6,067,028 |

| Estuary | Type of Cultivation | Plate Grade (Bags) | Plate Grade (Dozens) | Value(\$) | Bistro Grade (Bags) | Bistro Grade (Dozens) | Value(\$) | Bottle Grade (Bags) | Bottle Grade (Dozens) | Value(\$) | Total Bags | Total Dozens | Total Value (\$) |
|---------------------|------------------------|--------------------------|----------------------------|-------------|---------------------------|-----------------------------|----------------------|---------------------------|-----------------------------|-------------|---------------|-----------------|---------------------|
| Estuary Total | | 4,263 | 426,337 | \$3,521,544 | 2,676 | 294,368 | \$1,886,899 | 2,369 | 307,989 | \$1,395,190 | 9,309 | 1,028,694 | \$6,803,633 |
| Brisbane Water | Floating Basket | 3 | 315 | \$2,602 | 101 | 11,130 | \$71,343 | 205 | 26,750 | \$121,178 | 310 | 38,195 | \$195,123 |
| | Longline Basket | | | | 0 | 50 | \$321 | 2 | 300 | \$1,359 | 3 | 350 | \$1,680 |
| | Tray | 846 | 84,613 | \$698,903 | 697 | 76,615 | \$491,102 | 949 | 123,426 | \$559,120 | 2,492 | 284,654 | \$1,749,125 |
| Estuary Total | | 849 | 84,928 | \$701,505 | 798 | 87,795 | \$562,766 | 1,158 | 150,476 | \$681,656 | 2,805 | 323,199 | \$1,945,928 |
| Hawkesbury River | Floating Basket | 20 | 1,963 | \$16,214 | 12 | 1,362 | \$8,730 | | | | 32 | 3,325 | \$24,945 |
| Kivei | Tray | 20 | 1,963 | \$16,214 | 12 | 1,362 | \$8,730 | | | | 32 | 3,325 | \$24,945 |
| Estuary Total | Пау | 39 | 3,926 | \$32,429 | 25 | 2,724 | \$17,461 | | | | 64 | 6,650 | \$49,890 |
| Crookhaven | | | , | | | | φ17, 4 01 | | | | | 0,050 | |
| River | Floating Basket | 179 | 17,859 | \$147,515 | 236 | 25,945 | \$166,307 | 160 | 20,852 | \$94,460 | 575 | 64,656 | \$408,282 |
| | Longline Basket | | | | | | | 31 | 4,000 | \$18,120 | 31 | 4,000 | \$18,120 |
| | Tray | 52 | 5,216 | \$43,084 | 58 | 6,419 | \$41,146 | 94 | 12,282 | \$55,637 | 205 | 23,917 | \$139,867 |
| Estuary Total | | 231 | 23,075 | \$190,600 | 294 | 32,364 | \$207,453 | 286 | 37,134 | \$168,217 | 811 | 92,573 | \$566,270 |
| Clyde River | Floating Basket | 44 | 4,391 | \$36,270 | 182 | 20,000 | \$128,200 | 118 | 15,250 | \$69,083 | 343 | 39,641 | \$233,552 |
| | Longline Basket | 38 | 3,831 | \$31,644 | 125 | 13,750 | \$88,138 | 30 | 3,919 | \$17,753 | 193 | 21,500 | \$137,535 |
| | Stick | 153 | 15,250 | \$125,965 | 209 | 23,000 | \$147,430 | 399 | 51,900 | \$235,107 | 761 | 90,150 | \$508,502 |
| | Tray | 866 | 86,559 | \$714,977 | 1,567 | 172,414 | \$1,105,174 | 1,536 | 199,724 | \$904,750 | 3,969 | 458,697 | \$2,724,901 |
| Estuary Total | | 1,100 | 110,031 | \$908,856 | 2,083 | 229,164 | \$1,468,941 | 2,083 | 270,793 | \$1,226,692 | 5,267 | 609,988 | \$3,604,490 |
| Tuross Lake | Floating Basket | 59 | 5,925 | \$48,941 | 75 | 8,259 | \$52,940 | 18 | 2,337 | \$10,587 | 152 | 16,521 | \$112,467 |
| | Longline Basket | 5 | 525 | \$4,337 | 6 | 650 | \$4,167 | | | | 11 | 1,175 | \$8,503 |
| | Stick | 64 | 6,418 | \$53,013 | 22 | 2,440 | \$15,640 | 17 | 2,250 | \$10,193 | 104 | 11,108 | \$78,846 |
| | Tray | 51 | 5,117 | \$42,266 | 62 | 6,785 | \$43,492 | 46 | 5,950 | \$26,954 | 159 | 17,852 | \$112,712 |
| Estuary Total | | 180 | 17,985 | \$148,556 | 165 | 18,134 | \$116,239 | 81 | 10,537 | \$47,733 | 426 | 46,656 | \$312,528 |
| Wagonga Inlet | Floating Basket | 52 | 5,222 | \$43,134 | 65 | 7,180 | \$46,024 | 44 | 5,755 | \$26,070 | 162 | 18,157 | \$115,228 |
| | Longline basket | 1 | 50 | \$413 | 46 | 5,055 | \$32,403 | 6 | 715 | \$3,239 | 52 | 5,820 | \$36,055 |
| | Stick | 5 | 500 | \$4,130 | 18 | 2,000 | \$12,820 | 12 | 1,500 | \$6,795 | 35 | 4,000 | \$23,745 |
| | Tray | 297 | 29,672 | \$245,091 | 286 | 31,418 | \$201,389 | 776 | 100,936 | \$457,240 | 1,359 | 162,026 | \$903,720 |
| Estuary Total | | 354 | 35,444 | \$292,767 | 415 | 45,653 | \$292,636 | 838 | 108,906 | \$493,344 | 1,607 | 190,003 | \$1,078,747 |
| Wapengo Lake | Floating Basket | | | | 44 | 4,800 | \$30,768 | 5 | 600 | \$2,718 | 48 | 5,400 | \$33,486 |
| | Slats | 2 | 240 | \$1,982 | 4 | 480 | \$3,077 | 4 | 480 | \$2,174 | 10 | 1,200 | \$7,234 |
| | Stick | 5 | 480 | \$3,965 | 4 | 480 | \$3,077 | | | | 9 | 960 | \$7,042 |
| | Tray | 110 | 11,014 | \$90,976 | 306 | 33,620 | \$215,504 | 180 | 23,440 | \$106,183 | 596 | 68,074 | \$412,663 |
| Estuary Total | | 117 | 11,734 | \$96,923 | 358 | 39,380 | \$252,426 | 189 | 24,520 | \$111,076 | 664 | 75,634 | \$460,424 |
| Merimbula Lake | Floating Basket | 173 | 17,282 | \$142,749 | 350 | 38,495 | \$246,753 | 48 | 6,250 | \$28,313 | 571 | 62,027 | \$417,815 |
| | Longline Basket | 127 | 12,715 | \$105,026 | 83 | 9,150 | \$58,652 | 51 | 6,600 | \$29,898 | 261 | 28,465 | \$193,575 |
| | Stick | | | | 49 | 5,400 | \$34,614 | | | | 49 | 5,400 | \$34,614 |
| | Tray | 147 | 14,668 | \$121,158 | 268 | 29,533 | \$189,307 | 221 | 28,700 | \$130,011 | 636 | 72,901 | \$440,475 |

| Estuary | Type of Cultivation | Plate Grade (Bags) | Plate Grade (Dozens) | Value(\$) | Bistro Grade (Bags) | Bistro Grade (Dozens) | Value(\$) | Bottle Grade (Bags) | Bottle Grade (Dozens) | Value(\$) | Total Bags | Total Dozens | Total Value (\$) |
|----------------|------------------------|--------------------------|----------------------------|--------------|---------------------------|-----------------------------|--------------|---------------------------|-----------------------------|--------------|---------------|-----------------|---------------------|
| Estuary Total | | 447 | 44,665 | \$368,933 | 751 | 82,578 | \$529,325 | 320 | 41,550 | \$188,222 | 1,517 | 168,793 | \$1,086,479 |
| Pambula River | Floating Basket | 87 | 8,671 | \$71,622 | 101 | 11,124 | \$71,305 | 143 | 18,545 | \$84,009 | 330 | 38,340 | \$226,936 |
| | Longline Basket | 102 | 10,199 | \$84,244 | 50 | 5,480 | \$35,127 | 60 | 7,771 | \$35,203 | 212 | 23,450 | \$154,573 |
| | Raft/Pontoon | 1 | 72 | \$595 | 3 | 353 | \$2,263 | 5 | 635 | \$2,877 | 9 | 1,060 | \$5,734 |
| | Tray | 284 | 28,381 | \$234,427 | 352 | 38,749 | \$248,381 | 657 | 85,397 | \$386,848 | 1,293 | 152,527 | \$869,657 |
| Estuary Total | | 473 | 47,323 | \$390,888 | 506 | 55,706 | \$357,075 | 864 | 112,348 | \$508,936 | 1,844 | 215,377 | \$1,256,900 |
| Wonboyn River | Floating Basket | 161 | 16,058 | \$132,639 | 106 | 11,650 | \$74,677 | 73 | 9,481 | \$42,949 | 339 | 37,189 | \$250,265 |
| | Longline Basket | 0 | 40 | \$330 | 1 | 60 | \$385 | 3 | 357 | \$1,617 | 4 | 457 | \$2,332 |
| | Tray | 86 | 8,648 | \$71,432 | 36 | 3,906 | \$25,037 | 10 | 1,300 | \$5,889 | 132 | 13,854 | \$102,359 |
| Estuary Total | | 247 | 24,746 | \$204,402 | 142 | 15,616 | \$100,099 | 86 | 11,138 | \$50,455 | 475 | 51,500 | \$354,956 |
| *Others | Floating Basket | 105 | 10,459 | \$86,391 | 161 | 17,676 | \$113,303 | 263 | 34,138 | \$154,645 | 528 | 62,273 | \$354,340 |
| | Longline Basket | 4 | 380 | \$3,139 | 5 | 550 | \$3,526 | 2 | 320 | \$1,450 | 11 | 1,250 | \$8,114 |
| | Raft/Pontoon | 258 | 25,750 | \$212,695 | 118 | 12,997 | \$83,311 | 56 | 7,272 | \$32,942 | 432 | 46,019 | \$328,948 |
| | tray | 904 | 90,385 | \$746,580 | 315 | 34,700 | \$222,427 | 260 | 33,798 | \$153,105 | 1,479 | 158,883 | \$1,122,112 |
| | | | | | | | | | | | | | |
| *Others Totals | | 1,270 | 126,974 | \$1,048,805 | 599 | 65,923 | \$422,566 | 581 | 75,528 | \$342,142 | 2,450 | 268,425 | \$1,813,514 |
| TOTALS | | 14,267 | 1,426,663 | \$11,784,236 | 1,6045 | 1,764,949 | \$11,313,323 | 20,164 | 2,621,322 | \$11,874,589 | 50,476 | 5,812,934 | \$34,972,148 |

*Others not named for confidentiality include: Tweed River, Richmond River, Clarence River, Wooli Wooli River, Bellinger River, Hunter River, Botany Bay, Shoalhaven River, Bermagui River & Nelson Lagoon. Please Note: Due to rounding effect there may be some small variances in bag quantities and \$ value.

Table 6: Sydney Rock Oyster Sales by Market

| Market Description | | Plate Grad | le | Bistro Grade | | | Bottle Grade | | | Total | | | |
|--------------------|--------|------------|--------------|--------------|-----------|--------------|--------------|-----------|--------------|--------|-------------|--------------|--|
| | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | |
| Export | 6 | 600 | \$4,956 | | | | 15 | 2,000 | \$9,060 | 21 | 2,600 | \$14,016 | |
| Interstate | 924 | 92,442 | \$763,571 | 1,490 | 163,921 | \$1,050,734 | 3,670 | 477,036 | \$2,160,973 | 6,084 | 733,399 | \$3,975,278 | |
| Local | 4,029 | 402,895 | \$3,327,913 | 4,705 | 517,532 | \$3,317,380 | 5,034 | 654,481 | \$2,964,799 | 13,768 | \$1,574,908 | \$9,610,092 | |
| Rest of NSW | 1,000 | 100,011 | \$826,091 | 1,923 | 211,499 | \$1,355,709 | 2,984 | 387,883 | \$1,757,110 | 5,907 | 699,393 | \$3,938,909 | |
| Sydney | 8,307 | 830,715 | \$6,861,706 | 7,927 | 871,997 | \$5,589,501 | 8,461 | 1,099,922 | \$4,982,647 | 24,695 | 2,802,634 | \$17,433,853 | |
| Totals | 14,267 | 1,426,663 | \$11,784,236 | 16,045 | 1,764,949 | \$11,313,323 | 20,164 | 2,621,322 | \$11,874,589 | 50,476 | 5,812,934 | \$34,972,148 | |

Please Note: Due to rounding effect there may be some small variances in bag quantities and \$ value.

Table 7: Sydney Rock Oyster Sales by Production Method

| Type of Cultivation | | Plate Grad | de | | Bistro Gra | de | Bottle Grade | | | Total | | | |
|---------------------|--------|------------|--------------|--------|------------|--------------|--------------|-----------|--------------|--------|-----------|--------------|--|
| | Bags | Dozens | Value(\$) | Bags | Dozens | Value(\$) | Bags | Dozens | Value(\$) | Bags | Dozens | Value (\$) | |
| Dredge | 45 | 4,523 | \$37,360 | 13 | 1,436 | \$9,205 | 6 | 844 | \$3,823 | 65 | 6,803 | \$50,388 | |
| Floating Basket | 1,140 | 114,066 | \$942,182 | 1,892 | 208,069 | \$1,333,722 | 1,618 | 210,391 | \$953,072 | 4,651 | 532,526 | \$3,228,978 | |
| Longline Basket | 422 | 42,165 | \$348,283 | 605 | 66,555 | \$426,618 | 481 | 62,520 | \$283,216 | 1,508 | 171,240 | \$1,058,116 | |
| Raft/Pontoon | 713 | 71,306 | \$588,988 | 1,262 | 138,867 | \$890,137 | 709 | 92,146 | \$417,421 | 2,684 | 302,319 | \$1,896,546 | |
| Slats | 25 | 2,494 | \$20,600 | 38 | 4,207 | \$26,967 | 45 | 5,892 | \$26,691 | 109 | 12,593 | \$74,258 | |
| Stick | 794 | 79,449 | \$656,249 | 1,239 | 136,329 | \$873,869 | 934 | 121,358 | \$549,752 | 2,967 | 337,136 | \$2,079,869 | |
| Tray | 11,127 | 1,112,660 | \$9,190,572 | 10,995 | 1,209,486 | \$7,752,805 | 16,371 | 2,128,171 | \$9,640,615 | 38,492 | 4,450,317 | \$26,583,991 | |
| Totals | 14,267 | 1,426,663 | \$11,784,236 | 16,045 | 1,764,949 | \$11,313,323 | 20,164 | 2,621,322 | \$11,874,589 | 50,476 | 5,812,934 | \$34,972,148 | |

Table 8: Sydney Rock Oyster Sales by Permit Holders

| Production Range | 0 Bags No Prod Report Returned | 0 Bags (nil prod) | <=25 Bags | >25 and <=50 Bags | >50 and <= 100 Bags | >100 and <=150 Bags | >150 and <= 250 Bags | >250 and <= 500 Bags | >500 and <=1000 Bags | >1000 Bags | Total |
|-----------------------------------|---|-------------------------|--------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|-------------------------|---------------|--------------|
| Percentage of Permit Holders * | 2 | 31 | 12 (17) | 11(16) | 12 (18) | 12 (17) | 8 (12) | 5 (8) | 5 (7) | 2 (5) | 100 |
| Number of Permit Holders | 6 | 101 | 39 | 36 | 41 | 39 | 26 | 18 | 16 | 8 | 330 |
| Quantity Produced (bags) | | | 466 | 1,359 | 3,091 | 4,712 | 4,977 | 6,418 | 10,624 | 18,831 | 50,478 |
| Quantity Produced (dozens) | | | 52,173 | 153,625 | 344,881 | 533,337 | 572,464 | 733,361 | 1,236,479 | 2,186,614 | 5,812,934 |
| Percentage of production (dozens) | | | 1 | 3 | 6 | 9 | 10 | 12 | 21 | 38 | 100 |
| Total Value (\$) | | | \$328,140 | \$955,157 | \$2,217,414 | \$3,335,712 | \$3,458,086 | \$4,473,360 | \$7,260,302 | \$12,943,977 | \$34,972,148 |

*Number in brackets is the percentage of permit holders excluding nil production and reports not returned. Please Note: Due to rounding effect there may be some small variances in bag quantities and \$ value.

Figure B: Percentage of Oyster Permit Holders by Production Range

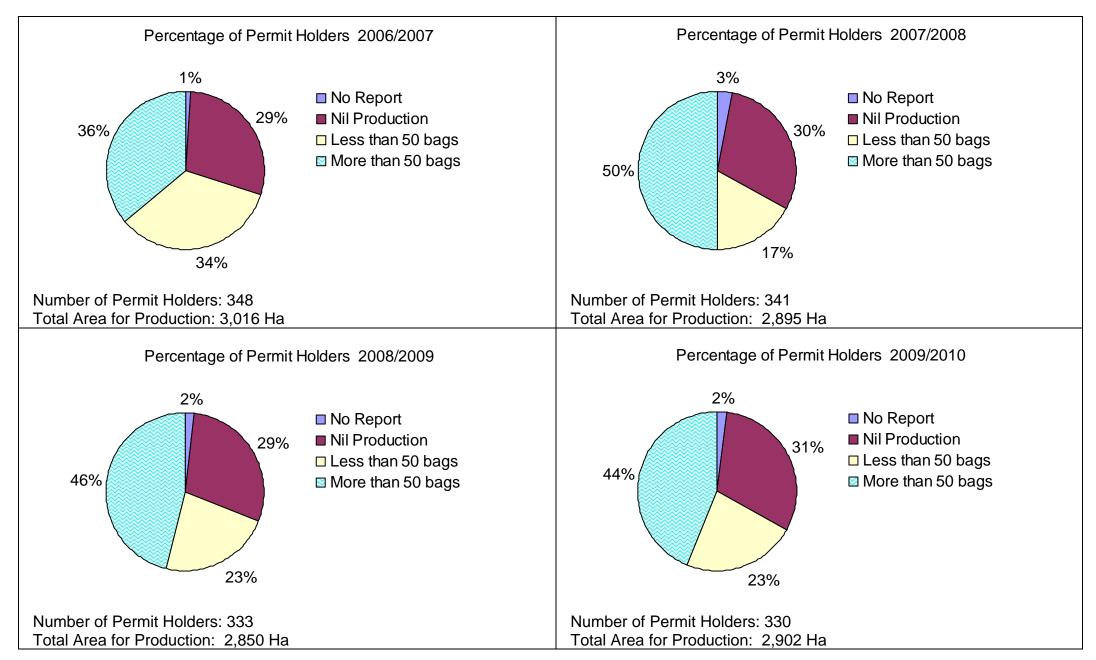
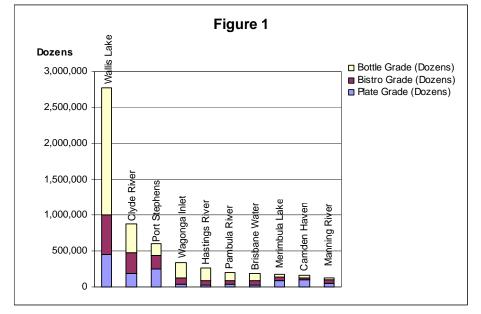


Table 9: Sydney Rock Oyster Sales by Estuary

| Estuary | | Plate Grad | e | - | Bistro Grad | de | | Bottle Grad | de | | Total | |
|------------------|--------|------------|--------------|--------|-------------|--------------|--------|-------------|--------------|--------|-----------|--------------|
| | Bags | Dozens | Value(\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) |
| Nambucca River | 229 | 22,878 | \$188,972 | 567 | 62,337 | \$399,580 | 299 | 38,881 | \$176,131 | 1,095 | 124,096 | \$764,683 |
| Macleay River | 180 | 17,997 | \$148,655 | 337 | 37,103 | \$237,830 | 419 | 54,423 | \$246,536 | 936 | 109,523 | \$633,022 |
| Hastings River | 441 | 44,079 | \$364,093 | 963 | 105,893 | \$678,774 | 937 | 121,854 | \$551,999 | 2,341 | 271,826 | \$1,594,865 |
| Camden Haven | 768 | 76,846 | \$634,748 | 519 | 57,090 | \$365,947 | 328 | 42,700 | \$193,431 | 1,616 | 176,636 | \$1,194,126 |
| Manning River | 251 | 25,098 | \$207,309 | 223 | 24,553 | \$157,385 | 222 | 28,870 | \$130,781 | 696 | 78,521 | \$495,475 |
| Wallis Lake | 2,826 | 282,597 | \$2,334,251 | 4,623 | 508,568 | \$3,259,921 | 9,105 | 1,183,675 | \$5,362,048 | 16,555 | 1,974,840 | \$10,956,220 |
| Port Stephens | 4,263 | 426,337 | \$3,521,544 | 2,676 | 294,368 | \$1,886,899 | 2,369 | 307,989 | \$1,395,190 | 9,309 | 1,028,694 | \$6,803,633 |
| Brisbane Water | 849 | 84,928 | \$701,505 | 798 | 87,795 | \$562,766 | 1,158 | 150,476 | \$681,656 | 2,805 | 323,199 | \$1,945,928 |
| Hawkesbury River | 39 | 3,926 | \$32,429 | 25 | 2,724 | \$17,461 | | | | 64 | 6,650 | \$49,890 |
| Crookhaven River | 231 | 23,075 | \$190,600 | 294 | 32,364 | \$207,453 | 286 | 37,134 | \$168,217 | 811 | 92,573 | \$566,270 |
| Clyde River | 1,100 | 110,031 | \$908,856 | 2,083 | 229,164 | \$1,468,941 | 2,083 | 270,793 | \$1,226,692 | 5,267 | 609,988 | \$3,604,490 |
| Tuross Lake | 180 | 17,985 | \$148,556 | 165 | 18,134 | \$116,239 | 81 | 10,537 | \$47,733 | 426 | 46,656 | \$312,528 |
| Wagonga Inlet | 354 | 35,444 | \$292,767 | 415 | 45,653 | \$292,636 | 838 | 108,906 | \$493,344 | 1,607 | 190,003 | \$1,078,747 |
| Wapengo Lake | 117 | 11,734 | \$96,923 | 358 | 39,380 | \$252,426 | 189 | 24,520 | \$111,076 | 664 | 75,634 | \$460,424 |
| Merimbula Lake | 447 | 44,665 | \$368,933 | 751 | 82,578 | \$529,325 | 320 | 41,550 | \$188,222 | 1,517 | 168,793 | \$1,086,479 |
| Pambula River | 473 | 47,323 | \$390,888 | 506 | 55,706 | \$357,075 | 864 | 112,348 | \$508,936 | 1,844 | 215,377 | \$1,256,900 |
| Wonboyn River | 247 | 24,746 | \$204,402 | 142 | 15,616 | \$100,099 | 86 | 11,138 | \$50,455 | 475 | 51,500 | \$354,956 |
| *Others | 1,270 | 126,974 | \$1,048,805 | 599 | 65,923 | \$422,566 | 581 | 75,528 | \$342,142 | 2,450 | 268,425 | \$1,813,513 |
| Total | 14,267 | 1,426,663 | \$11,784,236 | 16,045 | 1,764,949 | \$11,313,323 | 20,164 | 2,621,322 | \$11,874,589 | 50,476 | 5,812,934 | \$34,972,148 |

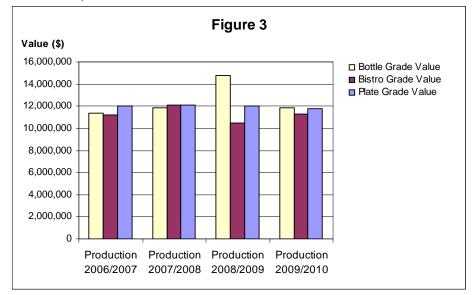
*Others not named for confidentiality include Tweed River, Richmond River, Clarence River, Wooli Wooli River, Bellinger River, Hunter River, Botany Bay, Shoalhaven River, Bermagui River & Nelson Lagoon.

Figure C: Comparative Graphs: Sydney Rock Oyster (SRO) Production

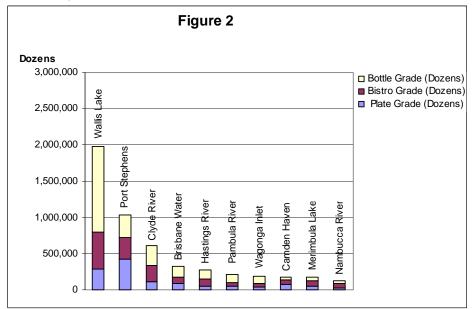


The ten most productive estuaries for cultivation and sale of SRO in 2008/2009

Value of plate, bistro and bottle/cocktail grade SRO production in 2006/2007, 2007/2008 and 2008/2009 compared to 2009/2010



The ten most productive estuaries for the cultivation and sale of SRO in 2009/2010



Quantity of plate, bistro and bottle/cocktail grade SRO production in 2006/2007, 2007/2008 and 2008/2009 compared to 2009/2010

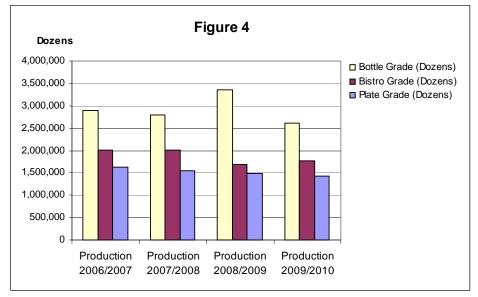


Table 10: Pacific Oyster Sales from Port Stephens

| | Grade 1 | | | Grade 2 | | | Grade 3 | | | Total | | |
|-------|---------|---------|------------|---------|--------|------------|---------|--------|------------|-------|---------|-------------|
| | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) |
| Total | 1,455 | 110,616 | \$826,301 | 618 | 74,117 | \$465,455 | 438 | 65,734 | \$305,663 | 2,511 | 250,467 | \$1,597,419 |

Table 11: Pacific Oyster Sales by Production Method

| Type of Cultivation | | Grade 1 | | | Grade 2 | | | Grade 3 | | | Total | | |
|---------------------|-------|---------|------------|------|---------|------------|------|---------|------------|-------|---------|-------------|--|
| | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | |
| Floating Basket | 169 | 12,871 | \$96,146 | 45 | 5,391 | \$33,855 | 39 | 5,899 | \$27,430 | 253 | 24,161 | \$157,431 | |
| Longline Basket | 875 | 66,490 | \$496,680 | 232 | 27,886 | \$175,124 | 39 | 5,865 | \$27,272 | 1,146 | 100,241 | \$699,076 | |
| Stick | 13 | 1,000 | \$7,470 | 8 | 1,000 | \$6,280 | 21 | 3,200 | \$14,880 | 42 | 5,200 | \$28,630 | |
| Tray | 398 | 30,255 | \$226,005 | 332 | 39,840 | \$250,195 | 338 | 50,770 | \$236,081 | 1,068 | 120,865 | \$712,281 | |
| Total | 1,455 | 110,616 | \$826,301 | 618 | 74,117 | \$465,455 | 438 | 65,734 | \$305,663 | 2,511 | 250,467 | \$1,597,419 | |

Table 12: Pacific Oyster Sales by Market

| Market Description | | Grade 1 | | | Grade 2 | | | Grade 3 | | | Total | | |
|-------------------------|-------|---------|------------|------|---------|------------|------|---------|------------|-------|---------|-------------|--|
| | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | |
| Interstate | 59 | 4,490 | \$33,540 | 131 | 15,710 | \$98,659 | 19 | 2,820 | \$13,113 | 209 | 23,020 | \$145,312 | |
| Local | 350 | 26,567 | \$198,455 | 368 | 44,138 | \$277,187 | 340 | 51,034 | \$237,308 | 1,058 | 121,739 | \$712,950 | |
| NSW (Other than Sydney) | 442 | 33,578 | \$250,828 | 30 | 3,599 | \$22,602 | 50 | 7,535 | \$35,038 | 522 | 44,712 | \$308,468 | |
| Sydney | 605 | 45,981 | \$343,478 | 89 | 10,670 | \$67,008 | 29 | 4,345 | \$20,204 | 723 | 60,996 | \$430,690 | |
| Total | 1,455 | 110,616 | \$826,301 | 618 | 74,117 | \$465,455 | 438 | 65,734 | \$305,663 | 2,511 | 250,467 | \$1,597,419 | |

Table 13: Triploid Pacific Oyster Sales by Estuary

| Estuary | | Supreme Grade | | | Premium Grade | | | Standard Grade | | | Total | | |
|------------------|-------|---------------|------------|-------|---------------|------------|-------|----------------|------------|-------|---------|-------------|--|
| | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | |
| Wallis Lake | 63 | 2,500 | \$22,800 | 97 | 5,825 | \$47,357 | 93 | 7,446 | \$55,473 | 253 | 15,771 | \$125,630 | |
| Hawkesbury River | 1,936 | 77,429 | \$706,152 | 1,720 | 103,198 | \$839,000 | 1,503 | 120,248 | \$895,848 | 5,159 | 300,875 | \$2,441,000 | |
| Shoalhaven River | 9 | 341 | \$3,110 | 18 | 1,102 | \$8,959 | 3 | 243 | \$1,810 | 30 | 1,686 | \$13,879 | |
| Crookhaven River | 97 | 3,890 | \$35,477 | 70 | 4,176 | \$33,951 | 34 | 2,727 | \$20,316 | 201 | 10,793 | \$89,744 | |
| *Others | 75 | 3,012 | \$27,469 | 17 | 1,000 | \$8,130 | 362 | 28,949 | \$21,670 | 454 | 32,961 | \$251,269 | |
| Total | 2,179 | 87,172 | \$795,008 | 1,922 | 115,301 | \$937,397 | 1,995 | 159,613 | \$995,117 | 6,097 | 362,086 | \$2,921,523 | |

*Others not named for confidentiality include: Patonga Creek and Botany Bay.

Table 14: Triploid Pacific Oyster Sales by Production Method

| Type of Cultivation | | Supreme Grade | | | Premium Grade | | | Standard Grade | | | Total | | |
|---------------------|-------|---------------|------------|-------|---------------|------------|-------|----------------|-------------|-------|---------|-------------|--|
| | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | |
| Floating Basket | 265 | 10,608 | \$96,745 | 138 | 8,305 | \$67,520 | 125 | 9,976 | \$74,321 | 528 | 28,889 | \$238,586 | |
| Longline Basket | 1 | 46 | \$420 | 8 | 500 | \$4,065 | 5 | 370 | \$2,757 | 14 | 916 | \$7,242 | |
| Tray | 1,913 | 76,518 | \$697,844 | 1,775 | 106,496 | \$865,812 | 1,866 | 149,267 | \$1,112,039 | 5,554 | 332,281 | \$2,675,695 | |
| Total | 2,179 | 87,172 | \$795,009 | 1,922 | 115,301 | \$937,397 | 1,995 | 159,613 | \$1,189,117 | 6,096 | 362,086 | \$2,921,523 | |

Table 15: Triploid Pacific Oyster Sales by Market

| Market Description | Supreme Grade | | | Premium Grade | | | Standard Grade | | | Total | | |
|--------------------|---------------|--------|------------|---------------|---------|------------|----------------|---------|-------------|-------|---------|-------------|
| | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) | Bags | Dozens | Value (\$) |
| Interstate | 146 | 5,827 | \$53,142 | 73 | 4,385 | \$35,650 | 4 | 281 | \$2,093 | 223 | 10,493 | \$90,885 |
| Local | 298 | 11,935 | \$108,847 | 125 | 7,518 | \$61,121 | 237 | 18,937 | \$141,081 | 660 | 38,390 | \$311,049 |
| Rest of NSW | 3 | 120 | \$1,094 | 11 | 684 | \$5,561 | 3 | 210 | \$1,565 | 17 | 1,014 | \$8,220 |
| Sydney | 1,732 | 69,290 | \$631,925 | 1,712 | 102,714 | \$835,065 | 1,752 | 140,185 | \$1,044,378 | 5,196 | 312,189 | \$2,511,368 |
| Total | 2,179 | 87,172 | \$795,009 | 1,922 | 115,301 | \$937,397 | 1,995 | 159,613 | \$1,189,117 | 6,096 | 362,086 | \$2,921,523 |

Table 16: Spat Production Value by Cultivation Method

| Type of Cultivation | Large Spat (\$) | Medium Spat (\$) | Small Spat (\$) | Total Value (\$) | |
|-------------------------|-----------------|------------------|-----------------|------------------|--|
| Hatchery Single Seed | \$57,872 | \$81,050 | \$481,728 | \$620,650 | |
| Wild Caught Single Seed | \$1,157,020 | \$721,202 | \$249,110 | \$2,127,332 | |
| Total | \$1,214,892 | \$802,252 | \$730,838 | \$2,747,982 | |

Note: Values include figures for Sydney rock oyster, Pacific oyster and flat oyster spat.

Table 17: Spat Sales by Estuary

| Estuary | Large | Spat | Mediur | n Spat | Small | Spat | Total | | |
|----------------|-----------|-------------|------------|------------|------------|------------|------------|-------------|--|
| | Quantity | Value (\$) | Quantity | Value (\$) | Quantity | Value (\$) | Quantity | Value (\$) | |
| Hastings River | 3,239,500 | \$419,500 | 5,878,000 | \$515,000 | 12,200,000 | \$163,600 | 21,317,500 | \$1,098,100 | |
| Port Stephens | 1,300,000 | \$240,000 | 1,447,000 | \$81,200 | 11,984,496 | \$336,305 | 14,731,496 | \$657,505 | |
| *Others | 5,186,240 | \$555,392 | 3,098,459 | \$206,052 | 9,650,000 | \$230,933 | 17,934,699 | \$992,377 | |
| Total | 9,725,740 | \$1,214,892 | 10,423,459 | \$802,252 | 33,834,496 | \$730,838 | 53,983,695 | \$2,747,982 | |

*Others not named for confidentiality reasons include: Wooli Wooli River, Bellinger River, Nambucca River, Macleay River, Camden Haven, Wallis Lake, Hunter River, Brisbane Water, Clyde River, Moruya River, Wagonga Inlet, Merimbula Lake & Wonboyn River.

Appendix 1. Oyster Price and Weight Conversions

For the purposes of this report the following estimates have been developed on data supplied by permit holders:

Sydney Rock Oysters

- 1 bag of Plate Grade Oysters = 100 dozen @ a Farm Gate Price of \$826 per bag.
- 1 bag of Bistro Grade Oysters = 110 dozen @ a Farm Gate Price of \$705 per bag.
- 1 bag of Bottle/Cocktail Grade Oysters = 130 dozen @ a Farm Gate Price of \$588 per bag.

Pacific Oysters

bag of Grade 1 (Select and Prime) Pacific Oysters = 76 dozen @ a Farm Gate Price of \$567.72 per bag.
 bag of Grade 2 (Bistro) Pacific Oysters = 120 dozen @ a Farm Gate Price of \$753.60 per bag.
 bag of Grade 3 (Mini) Pacific Oysters = 150 dozen @ a Farm Gate Price of \$697.50 per bag.

Triploid Pacific Oysters

bag of Triploid Supreme Oysters = 40 dozen @ Farm Gate Price of \$364.80 per bag.
 bag of Triploid Premium Oysters = 60 dozen @ Farm Gate Price of \$487.80 per bag.
 bag of Triploid Standard Oysters = 80 dozen @ Farm Gate Price of \$596.00 per bag.

Weight Conversions

An approximate conversion to production by weight for Sydney rock oysters can be made at the rate of 14 bags to the tonne.