

# Aquaculture Production Report Production Figures 2000/2001

Commercial Hatchery Production 2000/2001								
Grouping	Common Name	Scientific Name	Number of Permits	Hatcheries Producing	Product Description	Quantity	Average Price per unit (\$)	Total (\$) Value
<b>Crustaceans</b>	Freshwater shrimp	<i>Macrobrachium sp.</i>	na	na	Juveniles (per indiv)	4,600	0.46	2,110
	Black tiger prawn	<i>Penaeus monodon</i>	na	na	Postlarvae	5,000,000	0.02	100,000
	Yabby	<i>Cherax destructor</i>	na	na	Juveniles (per indiv)	402,050	0.19	74,875
<b>Fish F/W</b>	Aquarium Species	<i>(aquarium species)</i>	9	5	Fish Fingerlings (per indiv)	91,751	0.40	36,255
	Australian bass	<i>Macquaria novemaculeata</i>	14	5	Fish Fingerlings (per indiv)	167,500	0.41	68,700
	brown trout	<i>Salmo trutta</i>	10	na	Fish Fry (per indiv)	2,000	2.00	4,000
					Fish Fingerlings (per indiv)	17,000	0.59	10,000
					Fish Eggs (per indiv)	30,000	0.02	550
					Fish fry (per indiv)	20,000	0.05	1,000
	eastern f/w cod	<i>Maccullochella ikei</i>	na	na	Fish Fingerlings (per indiv)	36,100	1.01	36,500
	Freshwater mullet		na	na	Fish Fingerlings (per indiv)	300	0.65	195
	eel tailed catfish	<i>Tandanus tandanus</i>	28	na	Fish Fingerlings (per indiv)	44,233	1.17	49,820
	golden perch	<i>Macquaria ambigua</i>	45	13	Fish Fingerlings (per indiv)	1,302,540	0.18	230,971
					Fish Fry (per indiv)	1,200	0.33	397
	goldfish	<i>Carassius auratus</i>	6	8	Fish Fingerlings (per indiv)	549,460	0.67	366,374
	koi carp	<i>Cyprinus carpio</i>	5	6	Fish Fingerlings (per indiv)	4,143,157	0.04	172,729
	Murray cod	<i>Maccullochella peelii</i>	29	11	Fish Fingerlings (per indiv)	1,122,739	0.47	528,084
					Fish Fry (per indiv)	6,500	0.11	715
	Pacific blue eye	<i>Pseudomugil signifer</i>	na	na	Fish Fingerlings (per indiv)	750	0.65	487
	rainbow trout	<i>Oncorhynchus mykiss</i>	18	6	Fish Fingerlings (per indiv)	95,537	0.42	40,072
					Fish Fry (per indiv)	320,000	1.22	391,000
Fish Eggs (per indiv)					30,000	0.02	550	
silver perch	<i>Bidyanus bidyanus</i>	49	18	Fish Fingerlings (per indiv)	1,590,944	0.12	195,810	
				Fish Eggs (per indiv)	2000	na	16	
<b>Marine fish</b>	mulloway	<i>Argyrosomus japonicus</i>	7	na	Fish Fingerlings (per indiv)	6036	0.94	5,680
	Sand whiting	<i>Silligo ciliata</i>	na	na	Fish Fingerlings (per indiv)	2000	0.75	1,500
	silver bream	<i>Acanthopagrus australis</i>	na	na	Fish Fingerlings (per indiv)	2000	0.75	1,500
	snapper	<i>Pagrus auratus</i>	4	na	Fish Fingerlings (per indiv)	40,259	1.00	40,259
<b>Molluscs</b>	mussels (freshwater)	<i>Velesunio ambiguus</i>	na	na	Juveniles (per indiv)	6000	0.25	1,500
							<b>Total Value</b>	<b>\$2,361,650</b>

\*na = not available due to confidentiality eg fewer than 5 permits

## Fish, Crustacean and Hatchery Production (Land-based) 2000/2001

Grouping	Common Name	Scientific Name	No. Farms with Permits for this Species	No. Farms Produced this Species	Commercial Production Area (ha)	Production (kg)	Average Price per (kg) (\$)	Total (\$) Value
<b>Crustaceans</b>	black tiger prawn	<i>Penaeus monodon</i>	11	na	109.9	261,000	16.98	4,430,634
	banana prawn	<i>Penaeus merguensis</i>	9	na	23.7	32,736	15.00	491,040
	brown tiger	<i>Penaeus esculentus</i>	11	na	1.8	700	17.50	12,250
	freshwater shrimp	<i>Macrobrachium sp.</i>	6	na	0.1	40	10.00	400
	redclaw	<i>Cherax quadricarinatus</i>	25	na	3.7	534.6	17.58	9,386
	yabby	<i>Cherax destructor</i>	169	47	622.72	34,863.6	13.14	458,107
<b>Freshwater Finfish</b>	brown trout	<i>Salmo trutta</i>	15	na	0.05	1500	10.00	15,000
	eel tailed catfish	<i>Tandanus tandanus</i>	80	na	0.8	62	30.24	1,875
	golden perch	<i>Macquaria ambigua</i>	134	na	25.36	1705	12.71	21,679
	barramundi	<i>Lates calcarifer</i>	6	na	0.4	65,353	8.97	586,086
	European carp	<i>Cyprinus carpio</i>	14	na	2	50	4.00	200
	Murray cod	<i>Maccullochella peelii</i>	82	7	3.98	4206	13.08	55,014
	rainbow trout	<i>Oncorhynchus mykiss</i>	37	17	12.5	203,083	7.45	1,510,864
	Australian Bass	<i>Macquaria novemaculeata</i>	40	na	0.04	50	20.00	1,000
	silver perch	<i>Bidyanus bidyanus</i>	156	73	78.45	229,649.4	9.21	2,115,332
	barcoo grunter	<i>Scotum barcoo</i>	na	na	0.05	113	13.30	1,504
<b>Marine Finfish</b>	eel-long finned	<i>Anguilla reinhardtii</i>	22	na	2.77	3350	11.00	36,850
	eel-short finned	<i>Anguilla australis</i>	16	na	10.3	625	9.00	5,630
	yellowtail/scad	<i>Trachurus novaezelandie</i>	na	na	0.05	372	1.20	446
	snapper	<i>Pagrus auratus</i>	11	na	na	13,352	10.30	137,501
							<b>Sub total</b>	<b>\$9,890,798</b>
<b>Hatchery</b>	Hatchery species	(see hatchery production table)						<b>\$2,361,650</b>
							<b>Total \$ Value</b>	<b>\$12,252,448</b>

\*na = not available due to confidentiality eg fewer than 5 permits

## Sydney Rock Oyster Sales by Estuary and Production Method (Listed from North to South)

Estuary Name	Maturing Method Description	Plate Grade (Bags)	Plate Grade (Dozens)	Value(\$)	Bistro Grade (Bags)	Bistro Grade (Dozens)	Value (\$)	Bottle Grade (Bags)	Bottle Grade (Dozens)	Value (\$)	Total Prod'n (Bags)	Total Prod'n (Dozens)	Total Value (\$)
Tweed River	Tray	177	17700	93810	93	10200	40290	65	8450	23829	335	36350	157929
<b>Estuary Total</b>		<b>177</b>	<b>17700</b>	<b>93810</b>	<b>93</b>	<b>10200</b>	<b>40290</b>	<b>65</b>	<b>8450</b>	<b>23829</b>	<b>335</b>	<b>36350</b>	<b>157929</b>
Brunswick River	Baskets	4	400	2120	9	960	3792	11	1400	3948	24	2760	9860
<b>Estuary Total</b>		<b>4</b>	<b>400</b>	<b>2120</b>	<b>9</b>	<b>960</b>	<b>3792</b>	<b>11</b>	<b>1400</b>	<b>3948</b>	<b>24</b>	<b>2760</b>	<b>9860</b>
Bellinger River	Raft	291	29100	154230	187	20530	81094	42	5400	15228	520	55030	250552
	Tray				16	1760	6952				16	1760	6952
<b>Estuary Total</b>		<b>291</b>	<b>29100</b>	<b>154230</b>	<b>203</b>	<b>22290</b>	<b>88046</b>	<b>42</b>	<b>5400</b>	<b>15228</b>	<b>536</b>	<b>56790</b>	<b>257504</b>
Nambucca River	Baskets	1	100	530	4	410	1620				5	510	2150
	Raft	384	38398	203509	328	36038	142350	149	19386	54669	861	93822	400528
	Tray	75	7500	39750	75	8250	32588	25	3250	9165	175	19000	81503
<b>Estuary Total</b>		<b>460</b>	<b>45998</b>	<b>243789</b>	<b>407</b>	<b>44698</b>	<b>176558</b>	<b>174</b>	<b>22636</b>	<b>63834</b>	<b>1041</b>	<b>113332</b>	<b>484181</b>
Macleay River	Baskets	43	4274	22652	80	8757	34590	289	37557	105911	412	50588	163153
	Raft	15	1500	7950	13	1430	5649	3	390	1100	31	3320	14699
	Tray	82	8245	43699	171	18779	74177	311	40478	114148	564	67502	232024
<b>Estuary Total</b>		<b>140</b>	<b>14019</b>	<b>74301</b>	<b>264</b>	<b>28966</b>	<b>114416</b>	<b>603</b>	<b>78425</b>	<b>221159</b>	<b>1007</b>	<b>121410</b>	<b>409876</b>
Hastings River	Baskets	7	650	3445	40	4400	17380	342	44460	125377	389	49510	146202
	Stick							6	715	2016	6	715	2016
	Raft	82	8223	43582	133	14603	57682	252	32736	92316	467	55562	193580
	Tray	273	27290	144637	299	32866	129821	493	64111	180793	1065	124267	455251
<b>Estuary Total</b>		<b>362</b>	<b>36163</b>	<b>191664</b>	<b>472</b>	<b>51869</b>	<b>204883</b>	<b>1093</b>	<b>142022</b>	<b>400502</b>	<b>1927</b>	<b>230054</b>	<b>797049</b>
Camden Haven	Baskets	90	9000	47700	30	3300	13035	12	1560	4399	132	13860	65134
	Raft	50	5000	26500	20	2200	8690	20	2600	7332	90	9800	42522
	Rock / Other	1	110	583	19	2090	8256	12	1560	4399	32	3760	13238
	Stick				70	7700	30415				70	7700	30415
	Tray	456	45560	241468	250	27445	108408	212	27495	77536	918	100500	427412
<b>Estuary Total</b>		<b>597</b>	<b>59670</b>	<b>316251</b>	<b>389</b>	<b>42735</b>	<b>168804</b>	<b>256</b>	<b>33215</b>	<b>93666</b>	<b>1242</b>	<b>135620</b>	<b>578721</b>
Manning River	Baskets	13	1300	6890	23	2530	9994	2	260	733	38	4090	17617
	Raft	30	3000	15900	10	1100	4345	6	780	2200	46	4880	22445
	Rock / Other	26	2600	13780	18	1980	7821	21	2730	7699	65	7310	29300
	Stick	73	7300	38690							73	7300	38690
	Tray	351	35100	186030	247	27165	107302	298	38700	109134	896	100965	402466
<b>Estuary Total</b>		<b>493</b>	<b>49300</b>	<b>261290</b>	<b>298</b>	<b>32775</b>	<b>129461</b>	<b>327</b>	<b>42470</b>	<b>119766</b>	<b>1118</b>	<b>124545</b>	<b>510517</b>

Wallis Lake	Raft	75	7500	39750							75	7500	39750
	Stick	1018	101800	539540	130	14300	56485	507	65940	185951	1655	182040	781976
	Tray	7110	711000	3768300	6118	673030	2658469	8747	1137110	3206650	21975	2521140	9633419
<b>Estuary Total</b>		<b>8203</b>	<b>820300</b>	<b>4347590</b>	<b>6248</b>	<b>687330</b>	<b>2714954</b>	<b>9254</b>	<b>1203050</b>	<b>3392601</b>	<b>23705</b>	<b>2710680</b>	<b>10455145</b>
Port Stephens	Baskets	203	20314	107664	37	4082	16124	80	10344	29170	320	34740	152958
	Stick	160	16000	84800	205	22550	89073	395	51350	144807	760	89900	318680
	Tray	2035	203547	1078799	2005	220558	871204	1258	163522	461132	5298	587627	2411135
<b>Estuary Total</b>		<b>2398</b>	<b>239861</b>	<b>1271263</b>	<b>2247</b>	<b>247190</b>	<b>976401</b>	<b>1733</b>	<b>225216</b>	<b>635109</b>	<b>6378</b>	<b>712267</b>	<b>2882773</b>
Hunter River	Tray	52	5150	27295	71	7755	30632	12	1560	4399	135	14465	62326
<b>Estuary Total</b>		<b>52</b>	<b>5150</b>	<b>27295</b>	<b>71</b>	<b>7755</b>	<b>30632</b>	<b>12</b>	<b>1560</b>	<b>4399</b>	<b>135</b>	<b>14465</b>	<b>62326</b>
Brisbane Waters	Baskets	13	1300	6890	3	330	1304	19	2464	6948	35	4094	15142
	Raft	9	900	4770	8	900	3555	1	100	282	18	1900	8607
	Rock / Other	20	2000	10600	28	3080	12166	10	1300	3666	58	63800	26432
	Stick	50	5000	26500	10	1100	4345				60	6100	30845
	Tray	2437	243684	1291525	1955	215096	849629	2981	387472	1092671	7373	846252	3233825
<b>Estuary Total</b>		<b>2529</b>	<b>252884</b>	<b>1340285</b>	<b>2004</b>	<b>220506</b>	<b>870999</b>	<b>3011</b>	<b>391336</b>	<b>1103567</b>	<b>7544</b>	<b>864726</b>	<b>3314851</b>
Hawkesbury River	Stick				50	5500	21725	50	6500	18330	100	12000	40055
	Tray	2432	243230	1289119	2003	220330	870304	2909	378105	1066256	7344	841665	3225679
<b>Estuary Total</b>		<b>2432</b>	<b>243230</b>	<b>1289119</b>	<b>2053</b>	<b>225830</b>	<b>892029</b>	<b>2959</b>	<b>384605</b>	<b>1084586</b>	<b>7444</b>	<b>853665</b>	<b>3265734</b>
Botany Bay	Tray	166	16555	87742	132	14465	57137	220	28535	80469	518	59555	225348
<b>Estuary Total</b>		<b>166</b>	<b>16555</b>	<b>87742</b>	<b>132</b>	<b>14465</b>	<b>57137</b>	<b>220</b>	<b>28535</b>	<b>80469</b>	<b>518</b>	<b>59555</b>	<b>225348</b>
Georges River	Tray	6	600	3180	9	935	3693	7	910	2566	22	2445	9439
<b>Estuary Total</b>		<b>6</b>	<b>600</b>	<b>3180</b>	<b>9</b>	<b>935</b>	<b>3693</b>	<b>7</b>	<b>910</b>	<b>2566</b>	<b>22</b>	<b>2445</b>	<b>9439</b>
Shoalhaven River	Baskets							81	10500	29610	81	10500	29610
	Stick	110	11000	58300	20	2200	8690	24	3058	8624	154	16258	75614
	Tray	89	8916	47255	183	20184	79727	57	7434	20964	329	36534	147946
<b>Estuary Total</b>		<b>199</b>	<b>19916</b>	<b>105555</b>	<b>203</b>	<b>22384</b>	<b>88417</b>	<b>162</b>	<b>20992</b>	<b>59198</b>	<b>564</b>	<b>63292</b>	<b>253170</b>
Crookhaven River	Baskets				1	100	395	80	10400	29328	81	10500	29723
	Raft				3	340	1343				3	340	1343
	Rock / Other							50	6500	18330	50	6500	18330
	Stick	50	5000	26500	10	1100	4345	10	1300	3666	70	7400	34511
	Tray	187	18652	98856	110	12074	47692	265	34494	97265	562	65220	388778
<b>Estuary Total</b>		<b>237</b>	<b>23652</b>	<b>125356</b>	<b>124</b>	<b>13614</b>	<b>53775</b>	<b>405</b>	<b>52694</b>	<b>148589</b>	<b>766</b>	<b>89960</b>	<b>327720</b>
Clyde River	Baskets	38	3800	20140	207	22785	90001	509	66135	186501	754	92720	296642
	Rock / Other	5	500	2650	14	1540	6083	21	2730	7699	40	4770	16432
	Stick	169	16850	89305	365	40150	158593	343	44525	125561	877	101525	373459
	Tray	938	93792	497098	1407	154763	611314	2451	318653	898601	4796	567208	2007013

<b>Estuary Total</b>		<b>1150</b>	<b>114942</b>	<b>609193</b>	<b>1993</b>	<b>219238</b>	<b>865991</b>	<b>3324</b>	<b>432043</b>	<b>1218362</b>	<b>6467</b>	<b>766223</b>	<b>2693546</b>
Tuross Lake	Baskets	178	17750	94075	220	24145	95373	196	25480	71854	594	67375	261302
	Stick	2	150	795	1	50	198				3	200	993
	Tray	127	12700	67310	164	18095	71475	146	18915	53340	437	49710	192125
<b>Estuary Total</b>		<b>307</b>	<b>30600</b>	<b>162180</b>	<b>385</b>	<b>42290</b>	<b>167046</b>	<b>342</b>	<b>44395</b>	<b>125194</b>	<b>1034</b>	<b>117285</b>	<b>454420</b>
Wagonga Inlet	Baskets	5	500	2650	40	4400	17380	22	2795	7882	67	7695	27912
	Tray	225	22500	119250	780	85800	338910	1119	145470	410225	2124	253770	868385
<b>Estuary Total</b>		<b>230</b>	<b>23000</b>	<b>121900</b>	<b>820</b>	<b>90200</b>	<b>356290</b>	<b>1141</b>	<b>148265</b>	<b>418107</b>	<b>2191</b>	<b>261465</b>	<b>896297</b>
Bermagui River	Stick				173	19000	75050				173	19000	75050
	Tray				4	403	1592				4	403	1592
	Raft				17	1900	7505				17	1900	7505
<b>Estuary Total</b>					<b>194</b>	<b>21303</b>	<b>84147</b>				<b>194</b>	<b>21303</b>	<b>84147</b>
Wapengo Lake	Baskets	15	1500	7950	3	275	1086				18	1775	9036
	Stick	36	3577	18958	52	5688	22468	4	515	1452	92	9780	42878
	Tray	95	9547	50599	422	46409	183316	112	14598	41166	629	70554	275081
<b>Estuary Total</b>		<b>146</b>	<b>14624</b>	<b>77507</b>	<b>477</b>	<b>52372</b>	<b>206869</b>	<b>116</b>	<b>15113</b>	<b>42619</b>	<b>739</b>	<b>82109</b>	<b>326995</b>
Nelson Lagoon	Tray	20	2000	10600	40	4400	17380	140	18200	51324	200	24600	79304
<b>Estuary Total</b>		<b>20</b>	<b>2000</b>	<b>10600</b>	<b>40</b>	<b>4400</b>	<b>17380</b>	<b>140</b>	<b>18200</b>	<b>51324</b>	<b>200</b>	<b>24600</b>	<b>79304</b>
Merimbula Lake	Stick	194	19350	102555	9	935	3693				203	20285	106248
	Tray	951	95114	504104	485	53362	210780	201	26109	73627	1637	174585	788511
<b>Estuary Total</b>		<b>1145</b>	<b>114464</b>	<b>606659</b>	<b>494</b>	<b>54297</b>	<b>214473</b>	<b>201</b>	<b>26109</b>	<b>73627</b>	<b>1840</b>	<b>194870</b>	<b>894759</b>
Pambula River	Baskets	25	2500	13250	25	2750	10863	10	1300	3666	60	6550	27779
	Tray	309	30918	163865	369	40588	160323	373	48517	136818	1051	120023	461006
<b>Estuary Total</b>		<b>334</b>	<b>33418</b>	<b>177115</b>	<b>394</b>	<b>43338</b>	<b>171186</b>	<b>383</b>	<b>49817</b>	<b>140484</b>	<b>1111</b>	<b>126573</b>	<b>488785</b>
Wonboyn River	Baskets	8	750	3975	28	3025	11949	1	130	367	37	3905	16291
	Raft	4	384	2035							4	384	2035
	Stick	167	16700	88510	38	4145	16373	17	2145	6049	222	22990	110932
	Tray	3	250	1325	5	495	1955	14	1755	4949	22	2500	8229
<b>Estuary Total</b>		<b>182</b>	<b>18084</b>	<b>95845</b>	<b>71</b>	<b>7665</b>	<b>30277</b>	<b>32</b>	<b>4030</b>	<b>11365</b>	<b>285</b>	<b>29779</b>	<b>137487</b>
Other Estuaries	Baskets	45	4500	23850	118	12992	51318	88	11400	32148	251	28892	107316
	Tray	22	2150	11395	63	6855	27077	17	2210	6232	102	11215	44704
	Stick				10	1100	4345				10	1100	4345
	Raft	4	350	1855	15	1650	6518	33	4290	12098	52	6290	20471
<b>Estuary Total</b>		<b>71</b>	<b>7000</b>	<b>37100</b>	<b>206</b>	<b>22597</b>	<b>89258</b>	<b>138</b>	<b>17900</b>	<b>50478</b>	<b>415</b>	<b>47497</b>	<b>176836</b>
<b>TOTAL</b>	<b>All Methods</b>	<b>22331</b>	<b>2232630</b>	<b>11832939</b>	<b>20300</b>	<b>2232202</b>	<b>8817204</b>	<b>26151</b>	<b>3398788</b>	<b>9584576</b>	<b>68782</b>	<b>7863620</b>	<b>30234719</b>

## Pacific Oyster Sales by Production Method from Port Stephens

Maturing Method	Grade 1 Select & Prime (Bags)	Grade 1 Select & Prime (Dozens)	Value (\$)	Grade 2 Bistro (Bags)	Grade 2 Bistro (Dozens)	Value (\$)	Grade 3 (Bags)	Grade 3 (Dozens)	Value (\$)	Total Bags	Total Dozens	Total Value (\$)
Baskets	597	45,348.00	239,437	443	53,158	213,164	288	43,245	119,789	1,328	141,751	572,390
Stick	10	760.00	4,013	0	0	0	10	1,500	4,155	20	2,260	8,168
Tray	1,066	81,029.00	427,833	480	57,540	230,735	310	46,553	128,952	1,856	185,122	787,520
<b>Total</b>	<b>1,673</b>	<b>127,137.00</b>	<b>671,283</b>	<b>922</b>	<b>110,698</b>	<b>443,899</b>	<b>609</b>	<b>91,298</b>	<b>252,895</b>	<b>3,204</b>	<b>329,133</b>	<b>1,368,078</b>

For the purposes of this report the following estimates have been made on advice from a number of permit holders and market sources

### Sydney Rock Oysters

1 Bag of Plate Grade Oysters = 100 Dozen @ a Farm Gate Price of \$530 per Bag.

1 Bag of Bistro Grade Oysters = 110 Dozen @ a Farm Gate Price of \$434.50 per Bag.

1 Bag of Bottle Grade Oysters = 130 Dozen @ a Farm Gate Price of \$366.60 per Bag.

### Pacific Oysters

1 Bag of Grade 1 (Select and Prime) Pacific Oysters = 76 Dozen @ a Farm Gate Price of \$401.28 per Bag.

1 Bag of Grade 2 (Bistro) Pacific Oysters = 120 Dozen @ a Farm Gate Price of \$481.20 per Bag.

1 Bag of Grade 3 (Mini) Oysters = 150 Dozen @ a Farm Gate Price of \$415.15 per Bag.

Retail Price: Approximately 300% greater than Farm Gate Price

### 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.

Hatchery, fin fish and crustacean figures are as reported by permit-holders.