

KOLAM IKAN



FISH POND

MALAYSIA
 ANGGARAN BILANGAN DAN LUAS KOLAM, BEKAS LOMBONG DAN SANGKAR YANG DIUSAHAKAN
 SERTA BILANGAN PENTERNAK MENGIKUT SISTEM PENTERNAKAN DAN NEGERI 1991
 ESTIMATED NUMBER AND AREA OF PONDS, DISUSED MINING POOLS AND CAGES
 AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 1991

JADUAL (TABLE) 13.1

Negeri State	Airtawar/Freshwater									Airpayau/Brackishwater						Jumlah/Total					
	Kolam Ponds			Bekas Lombong Ex-Mining Pools			Sangkar Cages			Kolam Ponds			Sangkar Cages			Kolam & Bekas Lombong Ponds & Ex-mining Pools			Sangkar Cages		
	Bil. No.	Luas (ha) Area (ha)	Bil. Pentermak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Pentermak No. Of Culturists	Bil. No.	Luas (m2) Area in Sq.m.	Bil. Pentermak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Pentermak No. Of Culturists	Bil. No.	Luas (m2) Area in Sq.m.	Bil. Pentermak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Pentermak No. of Culturists	Bil. No.	Luas (m2) Area in Sq.m.	Bil. Pentermak No. Of Culturists
Perlis	108	20.36	87	0	0.00	0	0	0.00	0	1	0.63	1	0	0.00	0	109	20.99	88	0	0.00	0
Kedah	995	235.49	500	3	6.25	3	20	180.00	2	105	39.43	67	170	74.12	51	1,103	281.17	570	190	254.12	53
Pulau Pinang/ Penang	232	30.14	152	0	0.00	0	0	0.00	0	4	1.34	4	11,682	70,240.91	246	236	31.48	156	11,682	70,240.91	246
Perak	2,891	668.25	1,883	163	339.46	139	372	4,747.82	25	180	91.51	43	7,047	53,498.16	176	3,234	1,099.22	2,065	7,419	58,245.98	201
Selangor	3,965	656.38	2,209	178	247.77	113	857	14,391.20	14	119	33.28	46	6,916	88,107.59	149	4,262	937.43	2,368	7,773	102,498.79	163
W.Pesekutuan/ F.Territory	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
N.Sembilan	1,981	361.05	1,638	32	45.52	29	170	1,550.54	6	36	18.00	3	28	260.12	9	2,049	424.57	1,670	198	1,810.66	15
Melaka/Malacca	1,083	214.58	871	2	3.45	2	131	1,180.16	21	7	2.51	7	4	148.64	2	1,092	220.54	880	135	1,328.80	23
Johor/Johore	1,721	257.37	853	2	1.74	2	135	1,321.55	17	750	724.75	144	4,558	56,240.46	207	2,473	983.86	999	4,693	57,562.01	224
Pahang	3,805	812.05	2,510	0	0.00	0	104	1,037.10	68	83	252.75	34	32	64.00	1	3,888	1,064.80	2,544	136	1,101.10	69
Terengganu	1,755	228.99	1,237	0	0.00	0	22	205.00	3	54	9.57	37	835	7,546.40	27	1,809	238.56	1,274	857	7,751.40	30
Kelantan	723	88.84	543	0	0.00	0	0	0.00	0	95	16.86	62	275	16,196.75	75	818	105.70	605	275	16,196.75	75
Sarawak	1,218	215.52	1,245	0	0.00	0	0	0.00	0	11	1.20	11	0	0.00	0	1,229	216.72	1,256	0	0.00	0
Sabah	9,340	1,071.78	4,200	0	0.00	0	0	0.00	0	467	439.63	130	936	9,400.00	47	9,807	1,511.41	4,330	936	9,400.00	47
Jumlah/Total:	29,817	4,860.80	17,928	380	644.19	288	1,811	24,613.37	156	1,912	1,631.46	589	32,483	301,777.15	990	32,109	7,136.45	18,805	34,294	326,390.52	1,146

Nota: Bagi Sarawak ia merujuk kepada kolam-kolam yang telah dibina dalam tahun semasa.
 Note: For Sarawak it refers to ponds constructed in this year.

MALAYSIA
ANGGARAN BILANGAN DAN LUAS KOLAM, BEKAS LOMBONG DAN SANGKAR AIRTAWAR YANG DIBUKA
DAN TERBIAR SERTA BILANGAN PENTERNAK MENGIKUT NEGERI, 1991
ESTIMATED NUMBER AND AREA OF NEWLY OPENED AND ABANDONED PONDS, DISUSED MINING POOLS
AND CAGES AND NUMBER OF CULTURISTS BY STATE, 1991

JADUAL (TABLE) 13.2

Negeri State	Dibuka dan Beroperasi/Opened and Operation									Terbiar/Abandoned								
	Kolam Ponds			Bekas Lombong Ex-Mining Pools			Sangkar Cages			Kolam Ponds			Bekas Lombong Ex-Mining Pools			Sangkar Cages		
	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (m2) Area in Sq.m.	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists
Perlis	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	1	1.32	1	0	0.00	0
Kedah	0	0.00	0	0	0.00	0	0	0.00	0	11	1.80	3	0	0.00	0	0	0.00	0
Pulau Pinang/ Penang	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	120	925.04	5
Perak	11	2.38	3	259	299.70	86	7	138.46	0	3	1.49	3	0	0.00	0	21	4.17	11
Selangor	2	1.10	2	0	0.00	0	30	621.20	1	0	0.00	0	0	0.00	0	0	0.00	0
W. Persekutuan/ F. Territory	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
N. Sembilan	4	0.34	1	0	0.00	0	16	210.26	1	0	0.00	0	0	0.00	0	0	0.00	0
Melaka/Malacca	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
Johor/Johore	18	3.79	3	0	0.00	0	0	0.00	0	18	6.34	6	2	1.74	2	34	385.99	3
Pahang	75	12.90	53	0	0.00	0	0	0.00	0	0	0	9	0	0.00	0	0	0.00	0
Terengganu	4	0.26	3	0	0.00	0	0	0.00	0	12	1.54	6	0	0.00	0		108.00	1
Kelantan	0	0.00	0	0	0.00	0	0	0.00	0	1	0.16	1	0	0.00	0	0	0.00	0
Sarawak	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
Jumlah/Total:	114	20.77	65	259	299.70	86	53	969.92	2	45	11.33	28	3	3.06	3	175	1,423.20	20

* Kolam, bekas lombong dan sangkar yang dibuka adalah tertakluk kepada yang dibuka dalam tahun semasa.
 Newly opened and in operation ponds, ex-mining pools and cages are counted based on current year.

* Kolam, bekas lombong dan sangkar yang terbiar adalah timbunan dari tahun sebelum dan tahun semasa.
 Abandoned ponds, ex-mining pools and cages are accumulative figures.

MALAYSIA
ANGGARAN BILANGAN DAN LUAS SERTA BILANGAN PENTERNAK
KOLAM DAN SANGKAR AIRPAYAU YANG DIBUKA DAN TERBIAR, 1991
ESTIMATED NUMBER AND AREA OF NEWLY OPENED AND ABANDONED BRACKISHWATER
PONDS AND CAGES AND NUMBER OF CULTURISTS BY STATE, 1991

JADUAL (TABLE) 13.3

Negeri State	Dibuka dan beroperasi/Opened and Operation						Terbiar/Abandoned					
	Kolam Ponds			Sangkar Cages			Sangkar Cages			Kolam Ponds		
	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (m2) Area in Sq.m.	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists
<i>Perlis</i>	0	0.00	0	0	0.00	0	33	5.78	29	0	0.00	0
<i>Kedah</i>	2	2.20	2	0	0.00	0	173	53.09	55	4	36.00	1
<i>Pulau Pinang/ Penang</i>	0	0.00	0	0	0.00	0	39	5.25	14	0	0.00	0
<i>Perak</i>	6	4.88	5	134	1,096.55	1	706	134.51	513	0	0.00	0
<i>Selangor</i>	0	0.00	0	25	324.00	0	0	0.00	0	0	0.00	0
<i>W.Persekutuan/ F. Territory</i>	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
<i>N.Sembilan</i>	0	0.00	0	12	111.48	3	374	80.43	279	0	0.00	0
<i>Melaka/Malacca</i>	0	0.00	0	4	148.64	2	122	23.72	105	0	0.00	0
<i>Johor/Johore</i>	1	0.27	1	69	661.20	12	464	80.99	350	0	0.00	0
<i>Pahang</i>	3	0.72	1	0	0.00	0	1493	379	770	0	0.00	0
<i>Terengganu</i>	2	0.22	1	16	619.28	5	362	46.59	261	0	0.00	0
<i>Kelantan</i>	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
<i>Sarawak</i>	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
<i>Sabah</i>	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
Jumlah/Total:	14	8.29	10	260	2,961.15	23	3,766	809.36	2,376	4	36.00	1

- * Kolam, bekas lombong dan sangkar yang dibuka adalah tertakluk kepada yang dibuka dalam tahun semasa.
 Newly opened and in operation ponds, ex-mining pools and cages are counted based on current year.
- * Kolam, bekas lombong dan sangkar yang terbiar adalah timbunan dari tahun sebelum dan tahun semasa.
 Abandoned ponds, ex-mining pools and cages are accumulative figures.

ANGGARAN JUMLAH PENGELUARAN IKAN TERNAKAN, KERANG, SIPUT SIDU DAN TIRAM
 MENGIKUT NEGERI DAN SISTEM TERNAKAN 1991
 ESTIMATED PRODUCTION OF FISH, COCKLE, MUSSELS AND OYSTERS
 BY STATE AND CULTURE SYSTEM 1991
 (TAN METRIK/TONNES)

JADUAL (TABLE) 14.1

Negeri State	Airtawar/Freshwater			Airpayau/Brackishwater					Jumlah Kecil/Sub-total					Jumlah tan metrik/ tonnes
	Kolam Ponds	B.Lombong Ex-Mining Pools	Sangkar Cages	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sidu Mussels	Tiram Oyster	B.Lombong/ Kolam Ex-mining Pools/Ponds	Sangkar Cages	Kerang Cockle	Siput Sidu Mussels	Tiram Oyster	
Perlis	39.18	0.00	0.00	0.62	0.00	0.00	0.00	0.00	39.80	0.00	0.00	0.00	0.00	39.80
Kedah	116.18	12.26	5.34	48.08	11.13	0.00	20.33	1.37	176.52	16.47	0.00	20.33	1.37	214.69
P.Pinang/Penang	35.24	0.00	0.00	1.57	538.20	10,877.80	0.00	0.00	36.81	538.20	10,877.80	0.00	0.00	11,452.81
Perak	931.64	606.24	27.57	87.53	179.17	27,806.21	119.51	2.48	1,625.41	206.74	27,806.21	119.51	2.48	29,760.35
Selangor	534.53	270.32	112.74	57.19	1,014.09	6,652.23	10.30	0.00	862.04	1,126.83	6,652.23	10.30	0.00	8,651.40
W.Perskutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Sembilan	208.72	42.90	2.00	15.61	0.00	0.00	24.87	0.00	267.23	2.00	0.00	24.87	0.00	294.10
Melaka/Malacca	181.96	0.00	44.30	7.14	2.96	0.00	148.62	0.00	189.10	47.26	0.00	148.62	0.00	384.98
Johor/Johore	191.56	17.21	343.00	1,642.44	372.37	209.55	1,230.82	52.81	1,851.21	715.37	209.55	1,230.82	52.81	4,059.76
Pahang	761.36	0.00	2.14	535.80	2.58	0.00	0.00	0.00	1,297.16	4.72	0.00	0.00	0.00	1,301.88
Terengganu	19.25	0.00	36.88	15.44	4.63	0.00	0.00	0.00	34.69	41.51	0.00	0.00	0.00	76.20
Kelantan	157.97	0.00	0.00	18.55	5.35	0.00	9.00	0.00	176.52	5.35	0.00	9.00	0.00	190.87
Sarawak	165.30	0.00	0.00	49.19	0.00	0.00	0.00	0.00	214.49	0.00	0.00	0.00	0.00	214.49
Sabah	6,223.00	0.00	0.00	900.00	0.00	1,079.30	0.00	0.00	7,123.00	0.00	1,079.30	0.00	0.00	8,202.30
Jumlah/Total	9,565.89	948.93	573.97	3,379.16	2,130.48	46,625.09	1,563.45	56.66	13,893.98	2,704.45	46,625.09	1,563.45	56.66	64,843.63

MALAYSIA
ANGGARAN NILAI BORONG IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1991
ESTIMATED WHOLESALE VALUE OF FISH, COCKLE, MUSSELS AND OYSTERS
BY STATE AND CULTURE SYSTEM, 1991
(NILAI DALAM M\$ '000/VALUE IN M\$ '000)

JADUAL (TABLE) 14.2

Negeri State	Airtawar/Freshwater			Airpayau/Brackishwater					Jumlah (M\$)/Total (M\$)					Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Cages	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oysters	Kolam & Bekas Lombong Ponds & Ex-Mining Pools	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oysters	
Perlis	142.61	0.00	0.00	4.37	0.00	0.00	0.00	0.00	146.98	0.00	0.00	0.00	0.00	146.98
Kedah	359.16	48.47	24.43	720.96	185.19	0.00	14.23	11.51	1,128.59	209.62	0.00	14.23	11.51	1,363.95
P.Pinang/Penang	97.31	0.00	0.00	18.98	6,136.61	4,351.12	0.00	0.00	116.29	6,136.61	4,351.12	0.00	0.00	10,604.02
Perak	4,326.02	1,932.87	100.88	1,423.33	1,627.23	6,951.55	71.71	29.76	7,682.22	1,728.11	6,951.55	71.71	29.76	16,463.35
Selangor	2,879.75	1,453.82	429.71	994.64	9,040.56	1,663.06	131.46	0.00	5,328.21	9,470.27	1,663.06	131.46	0.00	16,593.00
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	796.16	127.78	7.60	296.52	0.00	0.00	19.90	0.00	1,220.46	7.60	0.00	19.90	0.00	1,247.96
Melaka/Malacca	771.70	0.00	173.87	135.48	32.64	0.00	118.90	0.00	907.18	206.51	0.00	118.90	0.00	1,232.59
Johor/Johore	814.52	74.38	1,514.63	33,003.79	3,723.22	71.25	516.94	792.15	33,892.69	5,237.85	71.25	516.94	792.15	40,510.88
Pahang	8,211.01	0.00	55.22	7,248.44	23.22	0.00	0.00	0.00	15,459.45	78.44	0.00	0.00	0.00	15,537.89
Terengganu	76.95	0.00	144.15	208.66	34.07	0.00	0.00	0.00	285.61	178.22	0.00	0.00	0.00	463.83
Kelantan	675.91	0.00	9.29	225.79	51.52	0.00	2.70	0.00	901.70	60.81	0.00	2.70	0.00	965.21
Sarawak	1,170.48	0.00	0.00	787.04	0.00	0.00	0.00	0.00	1,957.52	0.00	0.00	0.00	0.00	1,957.52
Sabah	45,288.00	0.00	0.00	11,700.00	0.00	1,079.30	0.00	0.00	56,988.00	0.00	1,079.30	0.00	0.00	58,067.30
Jumlah/Total:	65,609.58	3,637.32	2,459.78	56,768.00	20,854.26	14,116.28	875.84	833.42	126,014.90	23,314.04	14,116.28	875.84	833.42	165,154.48

MALAYSIA
ANGGARAN NILAI RUNCIT IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
MENGIKUT NEGERI SISTEM TERNAKAN, 1991
ESTIMATED RETAIL VALUE OF FISH, COCKLE, MUSSELS AND OYSTERS
BY STATE AND CULTURE SYSTEM, 1991
(NILAI DALAM M\$ '000/VALUE IN M\$ '000)

JADUAL (TABLE) 14.3

Negeri State	Airtawar/Freshwater			Airpayau/Brackishwater					Jumlah (M\$)/Total (M\$)					Jumlah Besar
	Kolam Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Cages	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oysters	Kolam & Bekas Lombong Ponds & Ex-Mining Pools	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oysters	Grand Total
Perlis	193.00	0.00	0.00	5.49	0.00	0.00	0.00	0.00	198.49	0.00	0.00	0.00	0.00	198.49
Kedah	482.87	62.12	33.14	947.63	221.49	0.00	20.33	11.51	1,492.62	254.63	0.00	20.33	11.51	1,779.09
P.Pinang/Penang	136.39	0.00	0.00	23.03	7,825.81	8,702.24	0.00	0.00	159.42	7,825.81	8,702.24	0.00	0.00	16,687.47
Perak	5,968.96	2,730.27	138.47	1,560.60	2,003.46	13,903.10	119.31	29.76	10,259.83	2,141.93	13,903.10	119.31	29.76	26,453.93
Selangor	3,851.66	1,763.29	589.62	1,248.56	10,080.26	2,660.89	15.45	0.00	6,863.51	10,669.88	2,660.89	15.45	0.00	20,209.73
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	1,189.79	226.46	10.50	324.61	0.00	0.00	24.87	0.00	1,740.86	10.50	0.00	24.87	0.00	1,776.23
Melaka/Malacca	974.43	0.00	204.23	170.77	37.62	0.00	148.62	0.00	1,145.20	241.85	0.00	148.62	0.00	1,535.67
Johor/Johore	1,077.94	95.26	1,985.05	43,006.57	4,266.24	136.21	923.11	0.00	44,179.77	6,251.29	136.21	923.11	0.00	51,490.38
Pahang	8,694.84	0.00	60.68	8,478.18	27.09	0.00	0.00	897.77	17,173.02	87.77	0.00	0.00	897.77	18,158.56
Terengganu	93.90	0.00	179.20	266.11	45.38	0.00	0.00	0.00	360.01	224.58	0.00	0.00	0.00	584.59
Kelantan	819.80	0.00	10.88	249.39	68.73	0.00	6.75	0.00	1,069.19	79.61	0.00	6.75	0.00	1,155.55
Sarawak	1,308.24	0.00	0.00	885.53	0.00	0.00	0.00	0.00	2,193.77	0.00	0.00	0.00	0.00	2,193.77
Sabah	52,866.00	0.00	0.00	13,500.00	0.00	1,618.95	0.00	0.00	66,366.00	0.00	1,618.95	0.00	0.00	67,984.95
Jumlah/Total:	77,657.82	4,877.40	3,211.77	70,666.47	24,576.08	27,021.39	1,258.44	939.04	153,201.69	27,787.85	27,021.39	1,258.44	939.04	210,208.41

MALAYSIA
BILANGAN DAN LUAS KOLAM BINAAN AIRTAWAR YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1991
NUMBER AND AREA OF FRESHWATER PONDS AND NUMBER OF CULTURISTS
BY STATE, 1991

JADUAL (TABLE) 15.1

Negeri State	Kolam Airtawar Freshwater Ponds		Bilangan Penternak Ikan No. Of Culturists				
	Bilangan Number	Luas (ha) Area (ha)	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	Jumlah Total
Perlis	108	20.36	84	1	0	2	87
Kedah	995	235.49	473	6	0	21	500
P.Pinang/Penang	232	30.14	123	13	6	10	152
Perak	2891	668.25	1476	314	24	69	1,883
Selangor	3,965	656.38	1,575	361	84	189	2,209
W.Persekutuan/ F.Territory	0	0.00	0	0	0	0	0
N. Sembilan	1981	361.05	1463	93	8	74	1,638
Melaka/Malacca	1,083	214.58	695	146	11	19	871
Johor/Johore	1,721	257.37	523	301	3	26	853
Pahang	3,805	812.05	2,164	308	10	28	2,510
Terengganu	1,755	228.99	1,206	30	1	0	1,237
Kelantan	723	88.84	513	29	1	0	543
Sarawak	1218	215.52	14	166	0	1065	1,245
Sabah	9340	1,071.78	0	0	0	4200	4,200
Jumlah/Total:	29,817	4,860.80	10,309	1,768	148	5,703	17,928

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR
MENGIKUT NEGERI DAN SPESIS IKAN, 1991
ESTIMATED FISH PRODUCTIONS FROM FRESHWATER PONDS
BY STATE AND SPECIES, 1991
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 15.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Belut Eel	Pelbagai Miscellaneous	Jumlah Total
Perlis	5.32	2.80	0.21	3.57	2.77	1.65	0.00	0.21	2.01	0.21	0.00	20.43	39.18
Kedah	9.04	7.13	2.15	3.41	3.27	5.29	9.09	0.57	74.51	0.00	0.00	1.72	116.18
P. Pinang/ Penang	6.12	3.00	8.00	0.00	0.00	1.50	2.12	0.00	14.50	0.00	0.00	0.00	35.24
Perak	108.88	3.90	389.83	32.77	94.02	101.87	19.85	29.30	135.65	2.18	0.00	13.39	931.64
Selangor D.E.	85.24	0.01	89.19	5.59	13.20	10.56	35.49	126.45	123.40	5.40	0.00	40.00	534.53
W. Persekutuan F. Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	62.26	9.34	57.52	13.95	8.93	0.10	20.90	3.24	11.82	0.01	0.00	20.65	208.72
Melaka/Malacca	36.32	7.58	22.52	11.46	2.65	17.22	15.30	6.26	42.22	1.03	0.00	19.40	181.96
Johor/Johore D.T.	4.49	0.07	157.33	0.10	2.97	3.07	16.39	1.60	5.12	0.28	0.00	0.14	191.56
Pahang D.M.	86.52	32.38	62.27	13.37	1.80	16.29	15.70	28.99	26.52	0.00	442.51	35.01	761.36
Terengganu	4.18	0.43	1.36	1.37	0.13	3.42	4.20	1.31	1.26	0.00	0.00	1.59	19.25
Kelantan	34.14	23.72	29.98	6.44	1.33	18.71	7.95	8.10	16.88	0.05	0.00	10.67	157.97
Sarawak	25.90	20.15	34.10	35.20	0.00	0.00	0.00	30.10	0.00	0.00	0.00	19.85	165.30
Sabah	1,556.00	1,245.00	110.00	50.00	0.00	2,480.00	0.00	0.00	0.00	0.00	0.00	782.00	6,223.00
Jumlah/Total:	2,024.41	1,355.51	964.46	177.23	131.07	2,659.68	146.99	236.13	453.89	9.16	442.51	964.85	9,565.89

JADUAL (TABLE) 15.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIR TAWAR
MENGIKUT NEGERI DAN SPESIS, 1991
ESTIMATED WHOLESALE VALUE OF PRODUCTIONS FROM FRESHWATER PONDS
BY STATE AND SPECIES, 1991
 (Nilai dalam M\$'000/Value in M\$'000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh-water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Belut Eel	Pelbagai Miscellaneous	Jumlah Total
<i>Perlis</i>	12.76	8.67	0.53	7.49	36.62	4.94	0.00	1.28	6.02	3.01	0.00	61.29	142.61
<i>Kedah</i>	20.89	20.68	5.92	10.23	43.99	13.65	27.27	4.55	207.15	0.00	0.00	4.83	359.16
<i>P.Pinang/Penang</i>	16.22	7.80	19.36	0.00	0.00	4.35	7.53	0.00	42.05	0.00	0.00	0.00	97.31
<i>Perak</i>	304.86	12.10	1,325.41	57.67	1,446.93	285.24	83.97	186.92	530.38	46.21	0.00	46.33	4,326.02
<i>Selangor</i>	302.59	0.04	351.41	30.74	244.13	29.14	166.45	923.11	476.32	117.02	0.00	238.80	2,879.75
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	214.80	30.35	165.09	39.48	101.82	0.30	79.42	22.71	46.32	0.06	0.00	95.81	796.16
<i>Melaka/Malacca</i>	116.24	22.73	71.42	24.07	37.36	47.36	59.36	51.33	168.86	22.59	0.00	150.38	771.70
<i>Johor/Johore</i>	17.90	0.24	629.33	0.40	48.01	8.85	72.77	10.64	20.19	5.51	0.00	0.68	814.52
<i>Pahang</i>	365.12	129.52	233.51	44.52	27.41	69.25	54.95	724.76	129.94	0.00	6195.00	237.03	8,211.01
<i>Terengganu</i>	14.64	1.65	5.56	5.71	1.62	12.56	17.22	8.91	5.08	0.00	0.00	4.00	76.95
<i>Kelantan</i>	114.04	108.60	137.89	26.84	16.45	74.84	34.11	60.77	64.30	0.40	0.00	37.67	675.91
<i>Sarawak</i>	211.34	132.38	194.37	191.13	0.00	0.00	0.00	441.26	0.00	0.00	0.00	0.00	1,170.48
<i>Sabah</i>	9,336.00	12,450.00	1,100.00	350.00	0.00	17,360.00	0.00	0.00	0.00	0.00	0.00	4,692.00	45,288.00
Jumlah / Total	11,047.40	12,924.76	4,239.80	788.28	2,004.34	17,910.48	603.05	2,436.24	1,696.61	194.80	6,195.00	5,568.82	65,609.58

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, Baung dan Sepat Siam
 Note: Miscellaneous - Includes Snake Head, River Catfish and Snakeskin Gouramy

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN DARI KOLAM AIR TAWAR
MENGIKUT NEGERI DAN SPESIS 1991
ESTIMATED RETAIL VALUE OF PRODUCTIONS FROM FRESHWATER PONDS
BY STATE AND SPECIES, 1991
(Nilai dalam M\$'000/Value in M\$'000)

JADUAL (TABLE) 15.4

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh-water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Belut Eel	Pelbagai Miscellaneous	Jumlah Total
<i>Pertlis</i>	15.42	10.63	0.70	13.02	41.49	5.78	0.00	1.67	9.03	3.32	0.00	91.94	193.00
<i>Kedah</i>	28.04	29.45	7.53	12.79	52.62	18.25	35.27	6.20	286.13	0.00	0.00	6.59	482.87
<i>P.Pinang/Penang</i>	17.75	9.30	26.40	0.00	0.00	8.25	10.60	0.00	64.09	0.00	0.00	0.00	136.39
<i>Perak</i>	418.10	17.17	1,953.03	92.08	1,859.67	408.50	110.76	254.89	737.92	52.17	0.00	64.67	5,968.96
<i>Selangor</i>	405.73	0.06	433.46	37.02	310.11	39.49	236.72	1,169.69	618.23	157.95	0.00	443.20	3,851.66
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	268.96	46.69	327.87	71.42	140.67	0.35	109.73	27.96	70.90	0.11	0.00	125.13	1,189.79
<i>Melaka/Malacca</i>	127.12	26.52	86.29	30.61	49.37	55.10	74.66	62.60	239.36	28.76	0.00	194.04	974.43
<i>Johor/Johore</i>	21.71	0.28	838.58	0.55	58.20	11.52	95.88	13.96	29.61	6.75	0.00	0.90	1,077.94
<i>Pahang</i>	466.34	147.97	314.46	54.55	33.91	73.31	76.62	869.71	172.37	0.00	6,195.00	290.60	8,694.84
<i>Terengganu</i>	15.69	2.05	6.81	6.85	2.03	13.68	21.67	12.28	6.93	0.00	0.00	5.91	93.90
<i>Kelantan</i>	153.65	128.52	160.37	31.08	21.75	84.20	39.19	72.92	80.67	0.61	0.00	46.84	819.80
<i>Sarawak</i>	237.24	137.22	232.22	230.20	0.00	0.00	0.00	471.36	0.00	0.00	0.00	0.00	1,308.24
<i>Sabah</i>	10,892.00	14,940.00	1,320.00	400.00	0.00	19,840.00	0.00	0.00	0.00	0.00	0.00	5,474.00	52,866.00
Jumlah/Total	13,067.75	15,495.86	5,707.72	980.17	2,569.82	20,558.43	811.10	2,963.24	2,315.24	249.67	6,195.00	6,743.82	77,657.82

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, Baung dan Sepat Siam
 Note: Miscellaneous - Includes Snake Head, River Catfish and Snakeskin Gourami

MALAYSIA
 BILANGAN DAN LUAS BEKAS LOMBONG YANG DIUSAHAKAN
 SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1991
 NUMBER AND AREA OF EX-MINING POOLS IN OPERATION AND
 NUMBER OF CULTURISTS BY RACE AND STATE, 1991

JADUAL(TABLE) 16.1

Negeri <i>State</i>	Bekas Lombong <i>Ex Mining Pools</i>		Bilangan Penternak Ikan <i>Number Of Culturists</i>				
	Bilangan <i>Number</i>	Luas (ha) <i>Area (ha)</i>	Melayu <i>Malay</i>	Cina <i>Chinese</i>	India <i>Indian</i>	Lain-Lain <i>Others</i>	Jumlah <i>Total</i>
<i>Perlis</i>	0	0.00	0	0	0	0	0
<i>Kedah</i>	3	6.25	2	1	0	0	3
<i>P.Pinang/Penang</i>	0	0.00	0	0	0	0	0
<i>Perak</i>	163	339.46	54	79	0	6	139
<i>Selangor</i>	178	247.77	44	53	2	14	113
<i>W.Persekutuan/ F.Territory</i>	0	0.00	0	0	0	0	0
<i>N. Sembilan</i>	32	45.52	4	23	0	2	29
<i>Melaka</i>	2	3.45	1	1	0	0	2
<i>Johor</i>	2	1.74	2	0	0	0	2
<i>Pahang</i>	0	0	0	0	0	0	0
<i>Terengganu</i>	0	0	0	0	0	0	0
<i>Kelantan</i>	0	0	0	0	0	0	0
<i>Sarawak</i>	0	0	0	0	0	0	0
<i>Sabah</i>	0	0	0	0	0	0	0
Jumlah/Total:	380	644.19	107	157	2	22	288

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI BEKAS LOMBONG AIR TAWAR
MENGIKUT NEGERI DAN JENIS IKAN, 1991
ESTIMATED FISH PRODUCTION FROM EX-MINING POOLS
BY STATE AND SPECIES, 1991
(Kuantiti dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 16.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- Water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Pelbagai Miscellaneous	Jumlah Total
<i>Perlis</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kedah</i>	0.26	0.92	0.13	3.49	1.25	0.89	0.14	0.00	0.51	0.00	4.67	12.26
<i>P.Pinang/Penang</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Perak</i>	1.90	0.00	69.46	280.65	12.60	26.46	197.35	11.32	0.00	0.00	6.50	606.24
<i>Selangor Darul Ehsan</i>	1.20	0.48	19.17	240.77	0.18	0.61	6.64	0.66	0.00	0.00	0.61	270.32
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	10.35	26.40	0.00	0.00	6.15	0.00	0.00	0.00	0.00	42.90
<i>Melaka/Malacca</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Johor/Johore</i>	4.75	2.20	0.95	1.79	0.00	2.93	0.00	0.00	1.45	0.46	2.68	17.21
<i>Terengganu</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kelantan</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Pahang</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sabah</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	8.11	3.60	100.06	553.10	14.03	30.89	210.28	11.98	1.96	0.46	14.46	948.93

Nota: Pelbagai - Termasuk ikan-ikan Patin, Haruan, Baung dan Sepat Siam.
Note: Miscellaneous - Include Snake Head, River Catfish and Snakeskin Gouramy.

JADUAL (TABLE) 16.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIS IKAN, 1991
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTIONS FROM EX-MINING POOLS
BY STATE AND SPECIES, 1991
 (Nilai dalam M\$'000/Value in M\$'000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh-water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Pelbagai Miscellaneous	Jumlah Total
<i>Perlis</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kedah</i>	0.60	2.66	0.35	10.46	16.83	2.29	0.41	0.00	1.41	0.00	13.46	48.47
<i>P.Pinang/Penang</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Perak</i>	5.33	0.00	236.15	493.94	193.91	74.09	834.77	72.19	0.00	0.00	22.49	1,932.87
<i>Selangor</i>	0.70	1.52	75.53	1,331.46	3.29	1.69	31.16	4.83	0.00	0.00	3.64	1,453.82
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	29.70	74.71	0.00	0.00	23.37	0.00	0.00	0.00	0.00	127.78
<i>Melaka/Malacca</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Johor/Johore</i>	18.95	8.03	3.78	7.17	0.00	8.45	0.00	0.00	5.71	9.14	13.15	74.38
<i>Pahang</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Terengganu</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kelantan</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sabah</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	25.58	12.21	345.51	1,917.74	214.03	86.52	889.71	77.02	7.12	9.14	52.74	3,637.32

Nota: Pelbagai - Termasuk ikan-ikan Patin, Haruan, Baung dan Sepat Siam.
 Note: Miscellaneous - Include Snake Head, River Catfish and Snakeskin Gouramy.

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN BEKAS LOMBONG
MENGIKUT SPESIS DAN JENIS IKAN, 1991
ESTIMATED RETAIL VALUE OF PRODUCTION FROM EX-MINING POOLS
BY STATE AND SPECIES, 1991
 (Nilai dalam M\$'000/Value in M\$'000)

JADUAL (TABLE) 16.4

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh-water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.81	3.79	0.44	13.08	20.13	3.06	0.52	0.00	1.95	0.00	18.34	62.12
P.Pinang/Penang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	7.31	0.00	347.97	788.63	249.23	106.10	1,101.19	98.44	0.00	0.00	31.40	2,730.27
Selangor	0.94	2.00	93.17	1,603.53	4.18	2.29	44.31	6.11	0.00	0.00	6.76	1,763.29
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	59.00	135.17	0.00	0.00	32.29	0.00	0.00	0.00	0.00	226.46
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor/Johore	22.99	9.35	5.04	9.84	0.00	11.01	0.00	0.00	8.38	11.19	17.46	95.26
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	32.05	15.14	505.62	2,550.25	273.54	122.46	1,178.31	104.55	10.33	11.19	73.96	4,877.40

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, Baung dan Sepat Siam
 Note: Miscellaneous - Includes Snake Head, River Catfish and Snakeskin Gouramy

MALAYSIA
BILANGAN DAN LUAS SANGKAR AIRTAWAR YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1991
NUMBER AND AREA OF FRESHWATER CAGES AND NUMBER OF CULTURISTS
BY STATE, 1991

JADUAL (TABLE) 17.1

Negeri State	Sangkar Airtawar Freshwater Cages		Bilangan Penternak Ikan No. Of Culturists				
	Bilangan Number	Luas (m2) Area In Sq. Metres	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	20	180.00	1	0	0	1	2
P.Pinang/Penang	0	0.00	0	0	0	0	0
Perak	372	4,747.82	22	2	0	1	25
Selangor	857	14,391.20	10	3	0	1	14
W.Persekutuan/ F.Territory	0	0.00	0	0	0	0	0
N. Sembilan	170	1,550.54	1	5	0	0	6
Melaka/Malacca	131	1,180.16	6	15	0	0	21
Johor/Johore	135	1,321.55	16	1	0	0	17
Pahang	104	1,037.10	60	8	0	0	68
Terengganu	22	205.00	3	0	0	0	3
Kelantan	0	0.00	0	0	0	0	0
Sarawak	0	0.00	0	0	0	0	0
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	1,811	24,613.37	119	34	0	3	156

JADUAL (TABLE) 17.2

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1991
ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1991
 (Kuantiti dalam Tan Metrik/Weight in Tonnes)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Patin River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.72	1.79	0.00	2.83	5.34
P.Pinang/ Penang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	0.32	21.18	0.12	0.00	0.45	0.00	3.54	0.90	0.00	1.06	27.57
Selangor D.E.	0.04	65.19	0.00	0.00	0.00	0.00	46.85	0.46	0.00	0.20	112.74
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00
Melaka/Malacca	12.82	15.40	0.02	0.00	1.28	0.00	14.51	0.06	0.00	0.21	44.30
Johor/Johore D.T.	17.99	8.14	23.70	0.00	0.15	0.00	278.81	4.37	0.00	9.84	343.00
Pahang D.M.	0.00	0.00	0.00	0.00	2.14	0.00	0.00	0.00	0.00	0.00	2.14
Terengganu	0.00	29.89	1.23	0.00	0.00	0.00	5.67	0.00	0.00	0.09	36.88
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	31.17	139.80	25.07	0.00	4.02	0.00	352.10	7.58	0.00	14.23	573.97

Pelbagai - Termasuk ikan-ikan, Haruan, Baung dan Sepat Siam.
 Miscellaneous - Includes, River Catfish and Snakeskin Gouramy.

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN SANGKAR AIRTAWAR
MENGIKUT NEGERI DAN SPESIES IKAN, 1991
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES
BY STATE AND SPECIES, 1991
 (Nilai dalam M\$'000/Value in M\$'000)

JADUAL (TABLE) 17.3

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Pelbagai Miscellaneous	Jumlah Total
<i>Perlis</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kedah</i>	0.00	0.00	0.00	0.00	0.00	0.00	2.17	14.32	7.94	24.43
<i>P. Pinang/ Penang</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Perak</i>	0.90	65.65	0.41	0.00	9.53	0.00	14.97	5.74	3.68	100.88
<i>Selangor</i>	0.14	205.34	0.00	0.00	0.00	0.00	219.70	3.36	1.17	429.71
<i>W. Persekutuan/ F. Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	0.00	0.00	0.00	0.00	7.60	0.00	0.00	7.60
<i>Melaka/ Malacca</i>	41.02	46.20	0.06	0.00	28.16	0.00	56.31	0.53	1.59	173.87
<i>Johor/ Johore</i>	71.76	29.70	94.80	0.00	3.01	0.00	1,237.90	29.16	48.30	1,514.63
<i>Pahang</i>	0.00	0.00	0.00	0.00	55.22	0.00	0.00	0.00	0.00	55.22
<i>Terengganu</i>	0.00	115.68	5.01	0.00	0.00	0.00	23.23	0.00	0.23	144.15
<i>Kelantan</i>	0.00	4.61	0.00	0.00	0.00	0.00	4.01	0.00	0.67	9.29
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sabah</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	113.82	467.18	100.28	0.00	95.92	0.00	1,565.89	53.11	63.58	2,459.78

Nota: Pelbagai-termasuk ikan Haruan, Baung dan Sepat Siam
 Note: Miscellaneous-Includes Snakehead, River Catfish and Snakeskin Gouramy

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN SANGKAR AIRTAWAR MENGIKUT NEGERI DAN SPESIES, 1991
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1991
 (Nilai dalam M\$'000/Value in M\$'000)

JADUAL (TABLE) 17.4

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	2.81	19.51	10.82	33.14
P.Pinang/Penang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	1.23	93.18	0.60	0.00	10.75	0.00	19.75	7.83	5.13	138.47
Selangor	0.19	270.53	0.00	0.00	0.00	0.00	312.46	4.26	2.18	589.62
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	10.50	0.00	0.00	10.50
Melaka/Malacca	40.90	53.90	0.07	0.00	35.84	0.00	70.82	0.65	2.05	204.23
Johor/Johore	87.05	34.59	126.32	0.00	3.69	0.00	1,631.02	38.25	64.13	1,985.05
Pahang	0.00	0.00	0.00	0.00	60.68	0.00	0.00	0.00	0.00	60.68
Terengganu	0.00	143.48	6.14	0.00	0.00	0.00	29.24	0.00	0.34	179.20
Kelantan	0.00	5.45	0.00	0.00	0.00	0.00	4.60	0.00	0.83	10.88
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	129.37	601.13	133.13	0.00	110.96	0.00	2,081.20	70.50	85.48	3,211.77

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, Baung dan Sepat Siam
 Note: Miscellaneous - Includes Goby, Snake Head, River Catfish and Snakeskin Gouramy

MALAYSIA
BILANGAN DAN LUAS KOLAM BINAAN AIRPAYAU YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1991
NUMBER AND AREA OF BRACKISHWATER PONDS AND NUMBER OF
CULTURISTS BY RACE AND STATE, 1991

Negeri State	Kolam Airpayau Brackishwater Ponds		Bilangan Penternak Ikan Number Of Culturists				
	Bilangan Number	Luas (ha) Acreage (ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	1	0.63	1	0	0	0	1
Kedah	105	39.43	51	5	1	10	67
P.Pinang/Penang	4	1.34	4	0	0	0	4
Perak	180	91.51	13	24	0	6	43
Selangor	119	33.28	33	13	0	0	46
W.Persekutuan/ F.Territory	0	0.00	0	0	0	0	0
N. Sembilan	36	18.00	0	3	0	0	3
Melaka/Malacca	7	2.51	4	3	0	0	7
Johor/Johore	750	724.75	47	77	0	20	144
Pahang	83	252.75	26	8	0	0	34
Terengganu	54	9.57	35	2	0	0	37
Kelantan	95	16.86	62	0	0	0	62
Sarawak	11	1.20	9	2	0		11
Sabah	467	439.63	0	0	0	130	130
Jumlah/Total:	1,912	1,631.46	285	137	1	166	589

MALAYSIA
 ANGGAHAN PENGELUARAN KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIS IKAN, 1991
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS BY STATE AND SPECIES, 1991
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 18.2

Negeri <i>State</i>	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
<i>Perlis</i>	0.60	0.00	0.02	0.00	0.00	0.00	0.00	0.62
<i>Kedah</i>	2.94	0.00	0.00	0.73	44.41	0.00	0.00	48.08
<i>P.Pinang/Penang</i>	1.16	0.05	0.00	0.00	0.30	0.00	0.06	1.57
<i>Perak</i>	9.29	0.00	2.50	9.46	64.46	1.65	0.17	87.53
<i>Selangor</i>	7.12	1.63	0.79	0.07	47.58	0.00	0.00	57.19
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	0.00	0.00	15.61	0.00	0.00	15.61
<i>Melaka/Malacca</i>	0.31	0.00	0.01	2.92	3.90	0.00	0.00	7.14
<i>Johor/Johore</i>	83.31	0.50	0.30	132.99	1,423.81	0.00	1.53	1,642.44
<i>Pahang</i>	81.06	36.11	15.30	14.89	321.63	0.55	66.26	535.80
<i>Terengganu</i>	1.10	0.00	0.63	0.87	12.54	0.26	0.04	15.44
<i>Kelantan</i>	5.99	0.00	0.02	0.04	11.64	0.00	0.86	18.55
<i>Sarawak</i>	0.00	0.00	0.00	0.00	49.19	0.00	0.00	49.19
<i>Sabah</i>	0.00	0.00	0.00	0.00	900.00	0.00	0.00	900.00
Jumlah/Total:	192.89	38.29	19.57	161.98	2,895.06	2.46	68.92	3,379.16

Pelbagai - Termasuk ikan-ikan seperti Tanda, Dengkis, Cermin dan Talang.
 Miscellaneous - Includes Snapper, Rabbitfish and Horse Mackerel and Queenfish.

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1991
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND SPECIES, 1991
 (Nilai dalam M\$'000/Value in M\$'000)

JADUAL (TABLE) 18.3

Negeri/State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
<i>Perlis</i>	4.20	0.00	0.17	0.00	0.00	0.00	0.00	4.37
<i>Kedah</i>	25.76	0.00	0.00	14.02	681.18	0.00	0.00	720.96
<i>P. Pinang/Penang</i>	11.60	1.17	0.00	0.00	5.70	0.00	0.51	18.98
<i>Perak</i>	72.46	0.00	32.50	175.01	1,128.05	14.03	1.28	1,423.33
<i>Selangor</i>	62.66	23.18	7.11	1.38	900.31	0.00	0.00	994.64
<i>W. Persekutuan/ F. Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	0.00	0.00	296.52	0.00	0.00	296.52
<i>Melaka/Malacca</i>	2.90	0.00	0.09	52.49	80.00	0.00	0.00	135.48
<i>Johor/Johore</i>	812.27	9.00	3.10	3,191.83	28,960.00	0.00	27.59	33,003.79
<i>Pahang</i>	729.57	541.71	130.05	285.94	5,146.05	4.32	410.80	7,248.44
<i>Terengganu</i>	7.58	0.03	4.53	16.16	178.68	1.45	0.23	208.66
<i>Kelantan</i>	50.95	0.00	0.16	0.81	168.68	0.00	5.19	225.79
<i>Sarawak</i>	0.00	0.00	0.00	0.00	787.04	0.00	0.00	787.04
<i>Sabah</i>	0.00	0.00	0.00	0.00	11,700.00	0.00	0.00	11,700.00
Jumlah/Total:	1,779.95	575.09	177.71	3,737.64	50,032.21	19.80	445.60	56,768.00

Pelbagai - termasuk ikan ikan Tanda, Dengkis, Cupak/Cermin dan Talang
 Miscellaneous - includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN KOLAM AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIS IKAN 1991
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
BY STATE AND SPECIES, 1991
 (Nilai Dalam M\$'000/Value in M\$'000)

JADUAL (TABLE) 18.4

Negeri/State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
<i>Perlis</i>	5.28	0.00	0.21	0.00	0.00	0.00	0.00	5.49
<i>Kedah</i>	33.38	0.00	0.00	15.04	899.21	0.00	0.00	947.63
<i>P. Pinang/Penang</i>	13.92	1.67	0.00	0.00	6.75	0.00	0.69	23.03
<i>Perak</i>	88.26	0.00	37.50	192.04	1,224.74	16.50	1.56	1,560.60
<i>Selangor</i>	69.79	27.33	7.90	1.50	1,142.04	0.00	0.00	1,248.56
<i>W. Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	0.00	0.00	324.61	0.00	0.00	324.61
<i>Melaka/Malacca</i>	3.34	0.00	0.10	77.57	89.76	0.00	0.00	170.77
<i>Johor/Johore</i>	928.07	10.56	3.60	3,590.81	38,442.87	0.00	30.66	43,006.57
<i>Pahang</i>	851.16	650.05	148.44	348.49	5,950.12	6.48	523.44	8,478.18
<i>Terengganu</i>	9.37	0.05	6.26	18.03	230.46	1.64	0.30	266.11
<i>Kelantan</i>	55.44	0.00	0.21	0.87	186.13	0.00	6.74	249.39
<i>Sarawak</i>	0.00	0.00	0.00	0.00	885.53	0.00	0.00	885.53
<i>Sabah</i>	0.00	0.00	0.00	0.00	13,500.00	0.00	0.00	13,500.00
Jumlah/Total	2,058.01	689.66	204.22	4,244.35	62,882.22	24.62	563.39	70,666.47

Nota: Pelbagai -Termasuk ikan-ikan Tanda, Dengkis, Cermin dan Talang
 Note: Miscellaneous- Includes Snapper, Rabbit fish, Horse Mackerel and Queenfish

MALAYSIA
BILANGAN DAN LUAS SANGKAR AIRPAYAU YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1991
NUMBER AND AREA OF BRACKISHWATER CAGES AND NUMBER OF CULTURISTS
BY RACE AND STATE, 1991

JADUAL (TABLE) 19.1

Negeri State	Sangkar Airpayau Brackishwater Cages		Bilangan Pentermak Ikan No. Of Culturists				
	Bilangan Number	Luas (m2) Area In Sq. Metres	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	Jumlah Total
<i>Pertis</i>	0	0.00	0	0	0	0	0
<i>Kedah</i>	170	74.12	42	8	0	1	51
<i>P.Pinang/ Penang</i>	11,682	70,240.91	31	215	0	0	246
<i>Perak</i>	7,047	53,498.16	37	137	0	2	176
<i>Selangor</i>	6,916	88,107.59	19	130	0	0	149
<i>W.Persekutuan/ F.Territory</i>	0	0.00	0	0	0	0	0
<i>N. Sembilan</i>	28	260.12	9	0	0	0	9
<i>Melaka/Malacca</i>	4	148.64	2	0	0	0	2
<i>Johor/Johore</i>	4558	56,240.46	80	120	0	7	207
<i>Pahang</i>	32	64.00	1	0	0	0	1
<i>Terengganu</i>	835	7,546.40	27	0	0	0	27
<i>Kelantan</i>	275	16,196.75	73	2	0	0	75
<i>Sarawak</i>	0	0.00	0	0	0	0	0
<i>Sabah</i>	936	9,400.00	0	0	0	47	47
Jumlah/Total:	32,483	301,777.15	321	612	0	57	990

MALAYSIA
ANGGARAN PENGELUARAN HASIL IKAN DARI SANGKAR AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIS IKAN, 1991
ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
BY STATE AND SPECIES, 1991
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 19.2

Negeri State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Pelbagai <i>Miscellaneous</i>	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	2.52	4.82	3.79	0.00	0.00	0.00	0.00	0.00	11.13
P.Pinang/Penang	401.12	59.87	47.60	1.18	0.00	0.00	28.43	0.00	538.20
Perak	157.55	13.03	8.59	0.00	0.00	0.00	0.00	0.00	179.17
Selangor	946.29	15.53	12.24	3.58	0.00	0.00	36.45	0.00	1,014.09
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	1.18	0.99	0.55	0.24	0.00	0.00	0.00	0.00	2.96
Johor/Johore	317.79	19.01	6.01	1.91	0.15	0.00	27.43	0.07	372.37
Pahang	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58
Terengganu	3.80	0.76	0.00	0.00	0.00	0.00	0.00	0.07	4.63
Kelantan	3.97	1.35	0.00	0.02	0.00	0.00	0.00	0.01	5.35
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	na	na	na	na	na	na	na	na	na
Jumlah/Total:	1,836.80	115.36	78.78	6.93	0.15	0.00	92.31	0.15	2,130.48

Nota : Termasuk ikan-ikan seperti Tanda, Dengkis, Cupak/Cermin dan Talang.

Note : Includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

na: Tidak ada

na: Not available

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN SANGKAR AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN.1991
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
BY STATE AND SPECIES,1991
 (Nilai Dalam M\$'000/Value in M\$'000)

JADUAL (TABLE) 19.3

Negeri/State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	22.04	125.24	37.91	0.00	0.00	0.00	0.00	0.00	185.19
P. Pinang/Penang	4,011.16	1,396.65	475.95	11.19	0.00	0.00	241.66	0.00	6,136.61
Perak	1,228.88	286.64	111.71	0.00	0.00	0.00	0.00	0.00	1,627.23
Selangor	8,327.38	221.33	110.13	35.44	0.00	0.00	346.28	0.00	9,040.56
W. Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	10.99	14.50	5.08	2.07	0.00	0.00	0.00	0.00	32.64
Johor/Johore	3,098.41	342.17	62.16	16.83	3.60	0.00	198.83	1.22	3,723.22
Pahang	23.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.22
Terengganu	26.14	7.58	0.00	0.00	0.00	0.00	0.00	0.35	34.07
Kelantan	33.72	17.59	0.00	0.18	0.00	0.00	0.00	0.03	51.52
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	16,781.94	2,411.70	802.94	65.71	3.60	0.00	786.77	1.60	20,854.26

Pelbagai - Termasuk ikan-ikan Tanda, Dengkis, Cupak/Cermin dan Talang.
 Miscellaneous -Includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN SANGKAR AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN.1991
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
BY STATE AND SPECIES 1991
 (Nilai dalam M\$'000/Value in M\$'000)

JADUAL (TABLE) 19.4

Negeri/State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
<i>Perlis</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kedah</i>	28.56	149.33	43.60	0.00	0.00	0.00	0.00	0.00	221.49
<i>P. Pinang/Penang</i>	4,813.44	1,995.30	704.41	14.14	0.00	0.00	298.52	0.00	7,825.81
<i>Perak</i>	1,496.72	377.84	128.90	0.00	0.00	0.00	0.00	0.00	2,003.46
<i>Selangor</i>	9,237.67	260.94	122.37	40.10	0.00	0.00	419.18	0.00	10,080.26
<i>W. Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Melaka/Malacca</i>	12.65	17.08	5.49	2.40	0.00	0.00	0.00	0.00	37.62
<i>Johor/Johore</i>	3,540.13	401.29	72.14	21.01	4.05	0.00	226.26	1.36	4,266.24
<i>Pahang</i>	27.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.09
<i>Terengganu</i>	32.30	12.61	0.00	0.00	0.00	0.00	0.00	0.47	45.38
<i>Kelantan</i>	36.69	31.80	0.00	0.20	0.00	0.00	0.00	0.04	68.73
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sabah</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	19,225.25	3,246.19	1,076.91	77.85	4.05	0.00	943.96	1.87	24,576.08

Pelbagai - Termasuk ikan-ikan Tanda, Dengkis, Cupak/Cermin dan Talang.
 Miscellaneous - Includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

MALAYSIA
 BILANGAN PENTERNAK , KAWASAN DAN LUAS KAWASAN
 TERNAKAN KERANG MENGIKUT NEGERI 1991
 NUMBER OF CULTURISTS , AREA AND SIZE
 OF COCKLE CULTURE BY STATE 1991

JADUAL (TABLE) 20.1

Negeri State	Bilangan Penternak (No. of Culturist)	Bilangan Kawasan (No. of Area)	Luas Kawasan TOL (ha) Area (ha)
Perlis	1	1	15.88
Kedah	2	2	30.01
P. Pinang / Penang	59	59	1,325.50
Perak	63	113	3,079.04
Selangor	15	16	1,055.57
W. Persekutuan/ F. Territory	0	0	0.00
N. Sembilan	10	1	320.15
Melaka/ Malacca	0	0	0.00
Johor/Johore	44	9	213.65
Pahang	0	0	0.00
Terengganu	0	0	0.00
Kelantan	0	0	0.00
Sarawak	0	0	0.00
Sabah	0	0	0.00
Jumlah/Total	194	197	5,673.76

MALAYSIA
PENGELUARAN KERANG DEWASA MENGIKUT BULAN DAN NEGERI 1991
PRODUCTION OF COCKLES BY MONTH AND STATE 1991
(TAN METRIK/TONNES)

JADUAL (TABLE) 20.2

Negeri <i>State</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah <i>Total</i>
<i>Perlis</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kedah</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>P.Pinang/Penang</i>	2,662.00	640.30	705.00	1,413.00	622.50	705.00	710.00	707.00	717.00	670.00	620.00	706.00	10,877.80
<i>Perak</i>	2,360.00	2,320.00	1,662.12	2,843.79	2,370.00	2,300.00	2,408.80	2,683.50	2,198.00	1,625.00	2,445.00	2,590.00	27,806.21
<i>Selangor</i>	141.52	173.44	622.52	512.28	600.93	771.19	692.16	810.11	760.67	659.29	272.86	635.26	6,652.23
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N.Sembilan</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Melaka/Malacca</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Johor/Johore</i>	23.60	10.00	12.30	11.60	5.00	7.59	9.46	6.00	4.50	49.50	51.50	18.50	209.55
<i>Pahang</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Terengganu</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kelantan</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sabah</i>	85.00	87.00	82.00	86.50	87.50	87.35	99.25	92.50	92.30	88.50	93.30	98.10	1,079.30
Jumlah/Total:	5,272.12	3,230.74	3,083.94	4,867.17	3,685.93	3,871.13	3,919.67	4,299.11	3,772.47	3,092.29	3,482.66	4,047.86	46,625.09

MALAYSIA
PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI 1991
PRODUCTION OF COCKLE SEEDS BY MONTH AND STATE 1991
(TAN METRIK/TONNES)

JADUAL (TABLE) 20.3

Negeri <i>State</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah <i>Total</i>
<i>Pertis</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kedah</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>P.Pinang/Penang</i>	0.00	44.25	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.25
<i>Perak</i>	200.00	224.50	7.42	0.00	421.33	262.92	0.00	0.00	0.00	0.00	0.00	0.00	1,116.17
<i>Selangor</i>	0.00	731.39	0.00	641.51	904.62	0.00	14.04	0.00	0.00	0.00	0.00	0.00	2,291.56
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Melaka/Malacca</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Johor/Johore</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Pahang</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Terengganu</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kelantan</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sabah</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	200.00	1,000.14	37.42	641.51	1,325.95	262.92	14.04	0.00	0.00	0.00	0.00	0.00	3,481.98

MALAYSIA **JADUAL (TABLE) 21.1**
BILANGAN PENTERNAK , KAWASAN DAN LUAS KAWASAN
TERNAKAN SIPUT SUDU MENGIKUT NEGERI 1991
NUMBER OF CULTURISTS , AREA AND SIZE
OF MUSSELS CULTURE BY STATE 1991

Negeri State	Bilangan Penternak (No. of Culturist)	Bilangan Kawasan (No. of Area)	Luas Kawasan Tol (m2) Area (m2)
Perlis	0	0	0.00
Kedah	28	38	1,525.00
P. Pinang / Penang	0	0	0.00
Perak	3	3	1,050.00
Selangor	14	15	772.00
W. Persekutuan/ F. Territory	0	0	0.00
N. Sembilan	23	2	1,724.05
Melaka/ Malacca	68	6	5,919.48
Johor/Johore	70	8	<u>30,032.63</u>
Pahang	0	0	0.00
Terengganu	0	0	0.00
Kelantan	0	0	0.00
Sarawak	0	0	0.00
Sabah	0	0	0.00
Jumlah/Total	206	72	41,023.16

MALAYSIA
PENDARATAN SIPUT SUDU MENGIKUT BULAN DAN NEGERI 1991
PRODUCTION OF MUSSELS BY MONTH AND STATE 1991
(TAN METRIK/TONNES)

JADUAL (TABLE) 21.2

Negeri <i>State</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah <i>Total</i>
<i>Pertlis</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kedah</i>	0.22	0.00	13.52	6.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.33
<i>P.Pinang/Penang</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Perak</i>	10.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	100.51	0.00	0.00	119.51
<i>Selangor</i>	8.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.30
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.87	0.00	24.87
<i>Melaka/Malacca</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148.62	0.00	0.00	0.00	0.00	148.62
<i>Johor/Johore</i>	128.17	105.16	91.63	82.85	98.18	136.20	92.33	162.59	93.06	93.60	84.00	63.05	1,230.82
<i>Pahang</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Terengganu</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kelantan</i>	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sabah</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	146.39	107.46	105.15	89.44	116.18	136.20	92.33	311.21	93.06	194.11	108.87	63.05	1,563.45

MALAYSIA
PENDARATAN IKAN DARI PERAIRAN UMUM MENGIKUT BULAN DAN NEGERI 1991
LANDINGS OF FRESHWATER FISH FROM PUBLIC WATERBODIES BY MONTH AND STATE 1991
(TAN METRIK/TONNES)

JADUAL(TABLE) 21.3

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
<i>Pertis</i>	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
<i>Kedah</i>	4.50	4.26	5.05	5.01	4.86	5.06	6.68	7.22	6.55	6.53	4.89	9.05	69.66
<i>P.Pinang/Penang</i>	0.63	0.89	0.92	1.00	0.98	0.96	0.99	0.95	0.97	0.93	0.92	0.87	11.01
<i>Perak</i>	57.28	53.53	51.41	89.39	61.74	137.27	50.68	61.67	62.41	84.74	40.42	88.67	839.21
<i>Selangor</i>	7.87	8.26	8.78	7.61	7.66	8.18	7.39	9.12	10.32	8.47	9.39	5.12	98.17
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.67	0.77	0.67	0.56	0.70	0.71	0.63	0.00	0.62	0.39	0.50	0.33	6.55
<i>Melaka/Malacca</i>	1.35	3.61	2.31	2.02	1.45	1.46	1.57	1.58	1.51	1.31	1.26	0.84	20.27
<i>Johor/Johore</i>	11.03	7.25	6.44	6.04	4.15	7.49	5.37	6.89	6.91	8.83	8.41	9.42	88.23
<i>Pahang</i>	9.02	10.16	38.00	14.63	16.79	48.39	10.63	6.72	12.46	21.53	11.70	16.01	216.04
<i>Terengganu</i>	2.45	2.52	3.39	12.66	9.95	0.62	3.68	3.30	2.60	3.36	6.50	8.06	59.09
<i>Kelantan</i>	3.29	2.69	3.68	4.26	4.14	3.33	4.19	3.23	3.79	4.64	6.97	5.52	49.73
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sabah</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	98.36	93.94	120.65	143.18	112.42	213.47	91.81	100.68	108.14	140.73	90.96	143.89	1,458.23

MALAYSIA
HARGA BORONG IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1991
WHOLESALE PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND SPECIES, 1991
(\$/Kg)

JADUAL (TABLE) 22.1

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Udang Galah Giant Fresh- water Prawn	Keli Freshwater Catfish	Ketutu Goby	Jelawat River Carp	Belut Eel	Pelbagai Miscellaneous
Perlis	2.40	3.10	2.55	2.10	3.00	3.50	13.24	3.00	14.60	6.20	0.00	3.00
Kedah	2.31	2.90	2.75	3.00	2.58	3.00	13.46	2.78	12.00	8.00	0.00	2.81
P.Pinang/Penang	2.65	2.60	2.42	4.50	2.90	3.55	20.50	2.90	19.45	9.50	0.00	3.00
Perak	2.80	3.10	3.40	1.76	2.80	4.23	15.39	3.91	21.17	6.38	0.00	3.46
Selangor	3.55	3.15	3.94	5.53	2.76	4.69	18.50	3.86	21.67	7.30	0.00	5.97
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	3.45	3.25	2.87	2.83	3.00	3.80	11.40	3.92	12.00	7.00	0.00	4.64
Melaka/Malacca	3.20	3.00	3.17	2.10	2.75	3.88	14.10	4.00	22.00	8.20	0.00	7.75
Johor/Johore	3.99	3.65	4.00	4.01	2.88	4.44	16.17	3.94	20.00	6.67	0.00	4.91
Pahang	4.22	4.00	3.75	3.33	4.25	3.50	15.20	4.90	25.78	25.00	14.00	6.77
Terengganu	3.50	3.87	4.08	4.17	3.67	4.10	12.95	4.03	30.20	6.80	0.00	2.52
Kelantan	3.34	4.58	4.60	4.17	4.00	4.29	12.40	3.81	8.75	7.50	0.00	3.53
Sarawak	8.16	6.57	5.70	5.43	4.97	7.94	19.67	8.94	14.55	14.66	0.00	0.00
Sabah	6.00	10.00	10.00	7.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
Harga Bertimbang Weighted Price	5.42	8.94	4.30	3.70	6.67	4.31	15.28	3.73	21.98	10.03	14.00	5.72

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, Baung dan Sepat Siam
Note: Miscellaneous - Includes Snake Head, River Catfish and Snakeskin Gouramy

MALAYSIA
HARGA RUNCIT IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1991
RETAIL PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND SPECIES, 1991
(\$/Kg)

JADUAL (TABLE) 22.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Udang Galah Giant Fresh- water Prawn	Keli Freshwater Catfish	Ketutu Goby	Jelawat River Carp	Belut Eel	Pelbagai Miscellaneous
<i>Perlis</i>	2.90	3.80	3.40	3.65	3.50	4.80	15.00	4.50	16.10	8.10	0.00	4.50
<i>Kedah</i>	3.10	4.13	3.50	3.75	3.45	3.88	16.10	3.84	17.00	10.90	0.00	3.83
<i>P.Pinang/Penang</i>	2.90	3.10	3.30	5.00	3.50	5.00	24.00	4.42	22.00	12.00	0.00	4.00
<i>Perak</i>	3.84	4.40	5.01	2.81	4.01	5.58	19.78	5.44	23.90	8.70	0.00	4.83
<i>Selangor</i>	4.76	4.15	4.86	5.66	3.74	6.67	23.50	5.01	29.25	9.25	0.00	11.08
<i>W.Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	4.32	5.00	5.70	5.12	3.50	5.25	15.75	6.00	22.00	8.62	0.00	6.06
<i>Melaka/Malacca</i>	3.50	3.50	3.83	2.67	3.20	4.88	18.63	5.67	28.00	10.00	0.00	10.00
<i>Johor/Johore</i>	4.84	4.25	5.33	5.50	3.75	5.85	19.60	5.78	24.50	8.75	0.00	6.52
<i>Pahang</i>	5.39	4.57	5.05	4.08	4.50	4.88	18.80	6.50	28.33	30.00	14.00	8.30
<i>Terengganu</i>	3.75	4.80	5.00	5.00	4.00	5.16	16.25	5.50	33.00	9.37	0.00	3.72
<i>Kelantan</i>	4.50	5.42	5.35	4.83	4.50	4.93	16.40	4.78	13.12	9.00	0.00	4.39
<i>Sarawak</i>	9.16	6.81	9.00	6.54	5.97	9.05	20.66	10.00	15.55	15.66	0.00	0.00
<i>Sabah</i>	7.00	12.00	12.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
Harga Bertimbang Weighted Price	6.41	10.75	5.82	4.80	7.67	5.74	19.59	5.10	27.26	12.27	14.00	6.95

Nota: Pelbagai - Termasuk Ikan-Ikan, Haruan, Baung dan Sepat Siam
Note: Miscellaneous - Includes, Snake Head, River Catfish and Snakeskin Gouramy

MALAYSIA
HARGA BORONG IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN SPESIES IKAN, 1991
WHOLESALE PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS BY STATE AND SPECIES, 1991
(\$/Kg)

JADUAL (TABLE) 22.3

Negeri/State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Ketam <i>Mud Crab</i>	Udang Harimau <i>Tiger Prawn</i>	Kerang <i>Cockles</i>	Siput Sudu <i>Mussels</i>	Pelbagai <i>Miscellaneous</i>
<i>Perlis</i>	7.00	0.00	8.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kedah</i>	8.75	26.00	10.00	0.00	19.10	0.00	15.34	0.00	0.70	0.00
<i>P. Pinang/Penang</i>	10.00	23.33	10.00	9.50	18.35	8.50	19.00	0.40	0.00	8.50
<i>Perak</i>	7.80	22.00	13.00	0.00	18.50	8.50	17.50	0.25	0.60	7.50
<i>Selangor</i>	8.80	14.25	9.00	9.90	19.50	9.50	18.92	0.25	1.10	0.00
<i>W. Persekutuan/ F. Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	0.00	0.00	0.00	0.00	19.00	0.00	0.80	0.00
<i>Melaka/Malacca</i>	9.30	14.60	9.25	8.50	18.00	0.00	20.50	0.00	0.80	0.00
<i>Johor/Johore</i>	9.75	18.00	10.34	8.80	24.00	7.25	20.34	0.34	0.42	18.00
<i>Pahang</i>	9.00	15.00	8.50	0.00	19.20	8.00	16.00	0.00	0.00	6.20
<i>Terengganu</i>	6.88	10.00	7.20	0.00	18.55	5.67	14.25	0.00	0.50	5.13
<i>Kelantan</i>	8.50	13.00	8.00	8.90	18.90	0.00	14.50	0.00	0.30	6.05
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00
<i>Sabah</i>	0.00	0.00	0.00	0.00	0.00	0.00	10.00	1.00	0.00	0.00
Harga Bertimbang Weighted Price	9.14	19.43	9.97	9.48	23.07	8.51	20.35	0.30	0.56	6.49

Pelbagai - termasuk ikan-ikan Tanda, Dengkis, Cupak/Cermin dan Talang.
Miscellaneous - includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

MALAYSIA

JADUAL (TABLE) 22.4

HARGA RUNCIT IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN SPESIES IKAN, 1991

RETAIL PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS BY STATE AND SPECIES, 1991

(\$/Kg)

Negeri/State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Ketam <i>Mud Crab</i>	Udang Harimau <i>Tiger Prawn</i>	Kerang <i>Cockles</i>	Siput Sudu <i>Mussels</i>	Pelbagai <i>Miscellaneous</i>
<i>Pertlis</i>	8.80	0.00	9.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Kedah</i>	11.34	31.00	11.50	0.00	20.50	0.00	20.25	0.00	1.00	0.00
<i>P. Pinang/Penang</i>	12.00	33.33	14.80	12.00	22.00	10.50	22.50	0.60	0.00	11.50
<i>Perak</i>	9.50	29.00	15.00	0.00	20.30	10.00	19.00	0.50	1.00	9.20
<i>Selangor</i>	9.80	16.80	10.00	11.20	21.15	11.50	24.00	0.40	1.50	0.00
<i>W. Persekutuan/ F.Territory</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>N. Sembilan</i>	0.00	0.00	0.00	0.00	0.00	0.00	20.80	0.00	1.00	0.00
<i>Melaka/Malacca</i>	10.70	17.20	10.00	10.00	26.60	0.00	23.00	0.00	1.00	0.00
<i>Johor/Johore</i>	11.14	21.11	12.00	11.00	27.00	8.25	23.50	0.65	0.75	20.00
<i>Pahang</i>	10.50	18.00	9.70	0.00	23.40	12.00	18.50	0.00	0.00	7.90
<i>Terengganu</i>	8.50	16.63	10.00	0.00	20.70	6.44	18.38	0.00	0.78	6.80
<i>Kelantan</i>	9.25	23.50	9.60	10.00	20.30	0.00	16.00	0.00	0.75	7.85
<i>Sarawak</i>	0.00	0.00	0.00	0.00	0.00	0.00	18.00	0.00	0.00	0.00
<i>Sabah</i>	0.00	0.00	0.00	0.00	0.00	0.00	15.00	1.50	0.00	0.00
Harga Bertimbang Weighted Price	10.48	25.61	13.02	11.23	26.20	10.22	21.72	0.57	0.80	8.20

Pelbagai - Termasuk ikan-ikan Tanda, Dengkis, Cupak/Cermin dan Talang.

Miscellaneous - Includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

PUSAT PENETASAN BENIH UDANG



PRAWN FRY HATCHERY CENTRE

MALAYSIA
PENGELUARAN BENIH IKAN AIRTAWAR DARI PUSAT-PUSAT PEMBAIKBIK IKAN
KERAJAAN MENGIKUT PUSAT DAN SPESIES, 1991
PRODUCTION OF FRESHWATER FINGERLINGS FROM GOVERNMENT HATCHERIES
BY HATCHERY AND SPECIES, 1991

JADUAL (TABLE) 23.1

Spesies (Species) Pusat Pembaikbiak (Hatchery)	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Tilapia Nilotika Tilapia Nilotica	Tilapia Merah Red Tilapia	Kap Kepala Besar Big Head Carp	Keli Freshwater Catfish	Jelawat River Carp	Kap Rumput Grass Carp	Patin River Catfish	Lain- Lain Others	Jumlah Total
<i>PPA Bukit Tinggi</i>	8,487,833	937,287	787,689	0	1,989,897	13,150	200	0	0	0	537	12,216,593
<i>PPA Jitra, Kedah</i>	3,023,286	579,208	0	51,601	417,782	87,770	0	0	0	0	0	4,159,647
<i>PLPD Enggor, Perak</i>	89,090	3,600	71,722	0	90	0	32,000	0	0	0	0	196,502
<i>PPIAT Batu Berendam</i>	180,000	0	0	0	243,821	0	10,412,280	26,000	5,963	0	341,846	11,209,910
<i>Sarawak</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sabah</i>	243,708	198,286	0	1,030,318	1,660	0	0	0	0	0	10,718	1,484,750
Jumlah/Total:	12,023,917	1,718,381	859,411	1,081,919	2,653,250	100,920	10,444,480	26,000	5,963	0	353,161	29,267,402

Nota/Note:

PPA - Pusat Perikanan Airtawar
(Freshwater Fisheries Centre)

PLPD - Pusat Latihan Perikanan Darat
(Freshwater Fisheries Training Centre)

PPIAT - Pusat Penyelidikan Ikan Airtawar
(Freshwater Fisheries Research Centre)

JADUAL (TABLE) 23.2

MALAYSIA
PENGELUARAN BENIH-BENIH IKAN/UDANG/KETAM AIR PAYAU DAN UDANG GALAH DARI PUSAT-PUSAT
KERAJAAN MENGIKUT PUSAT DAN SPESIES, 1991
PRODUCTION OF BRACKISHWATER FISH/PRAWN/MUD CRAB AND GIANT FRESHWATER PRAWN FRY FROM
GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 1991

Spesis (Species) Pusat Penetasan (Hatchery)	Udang Galah Giant Fresh- water Prawn	Udang Harimau Tiger Prawn	Udang Putih Banana Prawn	Ketam Mud Crab	Siakap Barramundi	Jumlah Total
PPUG Kg. Aceh	3,620,127	902,850	0	0	0	4,522,977
PPBUK Pulau Sayak	13,843,600	50,418,200	60,311,000	1,545,070	0	126,117,870
PPUG Sabak	1,461,600	0	0	0	0	1,461,600
PPUG Tg. Demong	22,550,000	206,000	463,900	554,579	23,574,179	47,348,658
Semariang Batu, Sarawak	309,700	0	0	0	0	309,700
Jumlah/Total:	41,475,327	51,527,050	60,774,900	2,099,649	23,574,179	179,451,105

* PPUG - Pusat Penetasan Udang Galah
 (Giant Freshwater Prawn Hatchery Centre)

PPBUK - Pusat Pengeluaran dan Penyelidikan Benih Udang Kebangsaan
 (National Prawn Fry Production And Research Centre)

MALAYSIA
PEMBAHAGIAN BENIH-BENIH IKAN UNTUK KEGUNAAN PELBAGAI DAN PELEPASAN
KE PERAIRAN UMUM MENGIKUT NEGERI DAN SPESIES IKAN, 1991
DISTRIBUTION OF FRESHWATER FRY FOR MISCELLANEOUS PURPOSES AND RELEASED
INTO PUBLIC WATERBODIES BY STATE AND SPECIES, 1991

JADUAL [TABLE] 23.3

Negeri State	Kegunaan Pelbagai/Miscellaneous Purposes								Pelepasan Ke Perairan Umum/Released Into Public Waterbodies							Jumlah Besar
	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Kap Kepala Besar Big Head Carp	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Pelbagai Others	Jumlah Kecil Sub Total	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Kap Kepala Besar Big Head Carp	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jumlah Kecil Sub Total	Grand Total
Perlis	15	25	0	0	0	25	0	65	44,000	20,800	0	0	0	0	64,800	64,865
Kedah	16,720	3,585	0	0	13,645	2,805	0	36,755	2,111,400	163,900	20,000	0	1,100	0	2,296,400	2,333,155
P.Pinang/ Penang	43	10	0	0	10	10	0	73	72,500	0	0	0	0	0	72,500	72,573
Perak	100	3,600	0	0	0	110	0	3,810	94,700	49,500	15,000	0	0	0	159,200	163,010
Selangor	50	25	0	0	0	300	0	375	75,250	7,000	0	0	0	0	82,250	82,625
W.Persekutuan/ F.Territory	1,105	200	0	0	0	300	0	1,605	0	0	0	0	0	0	0	1,605
N. Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melaka/Malacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Johor/Johore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pahang	1,700	700	0	0	0	110	0	2,510	0	0	0	0	0	0	0	2,510
Terengganu	0	0	0	0	0	0	0	0	537,240	134,095	0	0	0	0	671,335	671,335
Kelantan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sarawak	0	0	0	0	0	0	0	0	0	0	23,000	0	0	0	23,000	23,000
Sabah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jumlah/Total:	19,733	8,145	0	0	13,655	3,660	0	45,193	2,935,090	375,295	58,000	0	1,100	0	3,369,485	3,414,678

MALAYSIA
PEMBAHAGIAN BENIH-BENIH IKAN AIRTAWAR KEPADA PENTERNAK
MENGIKUT NEGERI DAN SPESIES IKAN BAGI TAHUN 1991
DISTRIBUTION OF FRESHWATER FISH FRY TO CULTURISTS
BY STATE AND SPECIES, 1991

JADUAL (TABLE) 23.4

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Kap Kepala Besar Big Head Carp	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Keli River Catfish	Kap Rumput Grass Carp	Jumlah Total
Perlis	44,895	35,335	0	3,630	0	18,835	0	0	102,695
Kedah	2,372,741	304,388	17,815	15,532	37,130	188,282	0	0	2,935,888
P.Pinang/ Penang	87,651	65	0	0	670	11,777	0	0	100,163
Perak	136,950	53,900	0	0	4,400	2,584	32,000	0	229,834
Selangor	512,808	98,500	0	0	0	34,092	0	0	645,400
W.Persekutuan/ F.Territory	4,355	200	0	0	0	2,900	0	0	7,455
N. Sembilan	1,900,535	1,560,000	15,000	0	0	2,000	0	0	3,477,535
Melaka/Malacca	215,000	300,000	0	0	0	0	0	0	515,000
Johor/Johore	0	0	0	0	0	0	0	0	0
Pahang	2,121,615	249,780	0	10,450	0	143,707	0	0	2,525,552
Terengganu	0	0	0	0	0	0	0	0	0
Kelantan	102,453	48,282	13,672	0	0	180,564	0	0	344,971
Sarawak	620,000	100,000	0	0	0	0	0	0	720,000
Sabah	0	0	0	0	0	0	0	0	0
Jumlah/Total:	8,119,003	2,750,450	46,487	29,612	42,200	584,741	32,000	0	11,604,493

JADUAL (TABLE) 24.1

MALAYSIA
PENGELUARAN IKAN AKUARIUM SERTA NILAI YANG
DIKELUARKAN DALAM TAHUN 1991
PRODUCTIONS AND VALUE OF ORNAMENTAL FISH 1991

Negeri State	Dikeluarkan(Ekor) (No. of Production)	Nilai (M\$) Value (M\$)
Perlis	0	0.00
Kedah	0	0.00
P.Pinang/ Penang	3,052,037	3,182,041.70
Perak	1,159,241	1,550,000.00
Selangor	867,696	668,125.92
W.Persekutuan/F.Territory	0	0.00
N.Sembilan	457	4,570.00
Melaka / Malacca	103,600	85,910.00
Johor	83,401,810	9,011,067.20
Pahang	0	0.00
Terengganu	0	0.00
Kelantan	0	0.00
Sarawak	0	0.00
Sabah	0	0.00
JUMLAH/TOTAL	88,584,841	14,501,714.82

KLASIFIKASI PERANGKAAAN PIAWAIAN IKAN-IKAN
AIRTAWAR MALAYSIA
STANDARD STATISTICAL CLASSIFICATION
OF COMMON MALAYSIAN FRESHWATER FISHES

ISSCAAP		Local Name	English Name	Scientific Name
DIVISION	GROUP			
1. Freshwater Fishes	11 Carps, Barbs	Tengas	Carp	Acrossocheilus hexagonolepis
		Kap Kepala Besar	Big Head Carp	Aristichthys nobilis
		Ikan Mas	Edible Gold Fish	Carassius auratus
		Kap Lumpur	Mud Carp	Cirrhina molitorella
		Kap Rumpit	Grass Carp	Ctenopharyngodon idellus
		Temperas	Carp	Cyclocheilichthys apogon
		Lee Koh	Common Carp	Cyprinus Carpio
		Selimang Batu	Carp	Epiplatys spilargyreus
		Sebarau	Carp	Hampala macrolepidota
		Kap Perak	Silver Carp	Hypophthalmichthys molitrix
		Pucuk Pisang	Carp/Barb	Labiobarbus fasciatus
		Lomah	Carp/Barb	Labiobarbus ocellatus
		Jelawat	River Carp	Leptobarbus hoevenii
		Jenkua	Carp	Morulus chrysophekadion
		Kap Hitam	Black Carp	Mylopharyngodon piceus
		Sia	Carp	Mystacoleucus marginatus
		Terbol	Carp	Osteochilus hasseltii
		Lallang	Carp	Oxygaster anomalura
		Bulu Ayam	Carp	Oxygaster spp.
		Temoleh, Temelian	Giant River Carp	Probarbus jullieni
		Putih, Tebal Sisek	Common Barb	Puntius binotatus
		Tengalan	Carp/Barb	Puntius bulu
		Kerai Kunyit	Carp/Barb	Puntius daruphani
		Lampam Jawa	Javanese Carp	Puntius gonionotus
		Bagoh	Spanner Barb	Puntius lateristriga
		Lampam Sungai	River Carp	Puntius schwanefeldii
		Susur Batang	Rasbora	Rasbora einthovenii
		Seluang	Two-spot Rasbora	Rasbora elegans
		Kelah	River Carp	Tor tambroides
	12 Cichilids	Tilapia	Tilapia	Tilapia mossambica
	13 Miscellaneous freshwater fishes	Puyu	Climbing Perch	Anabas tertudineus
		Tuna	River Eel	Anquilla bicolor/A. nebulosa
		Kepala Timah	White Spot	Aplocheilichthys panchax
		Lali-lali	Loach	Botia spp.
		Keli	Freshwater Catfish	Clarias batrachus/C. macrocephalus
		Limbat	Freshwater Catfish	Clarias nieuhofii
		Belut	Swamp Eel	Fluta alba
		Temakang	Kissing Gourami	Helostoma temminckii
		Susoh Batu	Loach	Homaloptera spp.
		Baug	River Catfish	Mystus nemurus
		Tengku Lolah	River Catfish	Mystus wyckii
		Belida	Feather back	Notopterus notopterus
		Kalui	Giant Gourami	Osphronemus goramy
		Bujuk	Snake Head	Ophicephalus lucius
		Toman	Snake Head	Ophicephalus micropeltes
		Haruan	Snake Head	Ophicephalus striatus
		Ketutu	Goby	Oxyeleotris marmoratus
		Lawang	River Catfish	Pangassius micronemus
		Patin	River Catfish	Pangassius pangassius
		Kepar, Patong	Perch	Pristigaster fasciatus
		Kelesa	Sclerapages	Sclerapages formosus
		Sepat Siam	Snakeskin Gouramy	Trichogaster pectoralis
		Sepat Padi	Two-spot Gouramy	Trichogaster trichopterus
		Tapah	Giant River Catfish	Wallago spp.
4 Crustaceans	41 Freshwater Crustaceans	Udang Galah	Giant Freshwater Prawn	Macrobrachium rosenbergii