

AKUAKULTUR/TERNAKAIR

AQUACULTURE

MALAYSIA

JADUAL (TABLE) 13.1

ANGGARAN BILANGAN DAN LUAS KOLAM, BEKAS LOMBONG, SANGKAR TANGKI SIMEN, KANDANG, KERANG, SIPUT SUDU DAN TIRAM YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT SISTEM TERNAKAN DAN NEGERI, 1998

ESTIMATED NUMBER AND AREA OF PONDS, DISUSED MINING POOLS, CAGES, CEMENT TANKS, PEN CULTURE, COCKLES, MUSSELS AND OYSTERS
AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 1998

Negeri State	Airtawar/Freshwater														Airpayau/Brackishwater														Jumlah		
	Kolam Ponds			Bekas Lombong Ex-Mining Pools			Sangkar Cages			Yangki Simen Cement Tank			Kandang Ikan Pen Culture			Kolam Ponds			Sangkar Cages			Kerang Cockles			Siput Sudu Mussels			Tiram Oysters			Besar Penternak
	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 (M2)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (M2) Area (M2)	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	Bil. No.	Luas (M2) Area (M2)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (M2) Area (M2)	Bil. Penternak No. Of Culturists	Grand Total Culturist			
Pertis	147	28.85	100	0	0.00	0	36	625.00	6	0	0.00	0	0	0.00	0	52	35.73	8	100	250.00	2	0	0.00	0	0	0.00	0	0	0.00	0	116
Kedah	1,391	180.75	564	0	0.00	0	9	222.33	1	5	245.62	3	14	1.40	14	885	676.10	144	2,916	31,693.22	110	2	39.29	2	5	761.07	3	22	1,460.10	2	843
Pulau Pinang	127	17.92	60	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	325	192.31	139	23,300	209,633.00	319	63	768.00	51	0	0.00	0	20	153.00	2	571
Perak	2,246	627.19	1,300	233	889.72	146	724	11,045.15	61	53	10,000.00	11	206	31.51	72	1,138	708.82	148	20,185	159,129.00	207	206	2,377.86	203	0	0.00	0	0	0.00	0	2148
Selangor	1,806	458.66	625	106	194.18	53	737	13,223.46	12	97	18,329.34	22	0	0.00	0	715	370.69	134	6,479	111,523.54	31	26	1,036.07	26	5	561.00	4	0	0.00	0	907
Negeri Sembilan	1,633	301.52	1,050	9	14.75	9	912	13,506.63	7	165	6,731.64	32	0	0.00	0	68	59.00	4	0	0.00	0	0	0.00	0	25	4,339.00	25	0	0.00	0	1127
Melaka	509	102.16	299	0	0.00	0	11	99.00	1	28	1,376.87	15	0	0.00	0	76	44.23	20	184	3,132.57	3	0	0.00	0	48	6,317.14	37	0	0.00	0	375
Johor	1,489	199.26	431	0	0.00	0	166	1,725.45	5	220	5,091.37	60	0	0.00	0	692	669.44	95	5,375	122,896.68	169	3	50.79	3	332	51,593.57	77	7	7,000.00	10	850
Pahang	2,732	985.95	2,832	3	64.00	60	2,762	39,642.16	592	51	686.78	25	0	0.00	0	189	134.51	18	29	263.00	8	0	0.00	0	0	0.00	0	0	0.00	0	3535
Terengganu	1,300	111.94	706	0	0.00	0	1,381	24,610.44	170	188	3,223.86	75	60	3.60	60	219	109.87	49	781	7,764.04	63	0	0.00	0	0	0.00	0	19	16,887.00	27	1150
Kelantan	2,006	202.27	1,077	0	0.00	0	191	4,366.08	49	100	3,809.92	52	655	185.63	655	157	75.37	131	1,056	21,812.00	131	0	0.00	0	0	0.00	0	33	1,391.46	12	2107
Sarawak	1,708	156.80	1,235	0	0.00	0	895	21,480.00	372	25	624.00	8	47	1.13	37	403	126.08	162	860	8,061.62	629	0	0.00	0	0	0.00	0	0	0.00	0	2443
Sabah	14,012	1,385.70	4,920	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	1,463	2,646.33	122	1,202	31,071.00	278	0	0.00	0	109	1,930.00	108	103	50,350.20	100	5528
Jumlah/Total:	31,106	4,758.97	15,199	351	1,162.65	268	7,824	130,545.70	1,276	932	50,119.40	303	982	223.27	838	6,382	5,848.48	1,174	62,467	707,229.67	1,950	300	4,272.01	285	524	65,501.78	254	204	77,241.76	153	21,700

MALAYSIA

JADUAL(TABLE) 14.1

ANGGARAN JUMLAH PENGELUARAN IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1998
ESTIMATED PRODUCTION OF FISH, COCKLES, MUSSELS, OYSTERS AND CEMENT TANKS
BY STATE AND CULTURE SYSTEM, 1998
(KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri State	Airtawar/Freshwater						Airpayau/Brackishwater						Jumlah Besar Grand Total Tan M. Tonnes
	Kolam Ponds	Bekas Lombong Ex- Mining Pools	Sangkar Cages	Tangki Simen Cement Tank	Kandang Ikan Pen Culture	Sub Total Jumlah Kecil	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	Sub Total Jumlah Kecil	
Perlis	54.76	0.00	2.80	0.00	0.00	57.56	154.67	25.98	0.00	0.00	0.00	180.65	238.21
Kedah	324.13	0.00	4.25	2.68	3.32	334.38	529.93	63.52	175.05	6.84	5.32	780.66	1,115.04
Pulau Pinang	106.96	0.00	0.00	0.00	0.00	106.96	957.12	1,836.16	13,167.08	0.00	3.24	15,963.60	16,070.56
Perak	2,158.89	3,357.64	61.61	267.23	133.82	5,979.19	2,579.77	1,386.92	54,506.52	0.00	0.00	58,473.21	64,452.40
Selangor	4,481.99	233.72	123.28	413.86	0.00	5,252.85	1,453.74	1,194.03	13,787.63	0.67	0.00	16,436.07	21,688.92
Negeri Sembilan	1,043.88	19.41	264.77	19.84	0.00	1,347.90	122.80	0.00	0.00	43.93	0.00	166.73	1,514.63
Melaka	616.33	0.00	6.80	0	0.00	623.13	83.20	5.69	80.50	190.89	0.00	360.28	983.41
Johor	1,878.68	0.00	7.26	33.89	0.00	1,919.83	1,357.52	1,188.59	0.00	716.90	5.68	3,268.69	5,188.52
Pahang	7,582.14	7.03	716.10	1.20	0.00	8,306.47	825.08	1.48	0.00	0.00	0.00	826.56	9,133.03
Terengganu	179.20	0.00	843.96	23.07	0.00	1,046.23	99.42	36.89	0.00	0.00	39.98	176.29	1,222.52
Kelantan	420.12	0.00	8.99	1.52	159.14	589.77	44.73	30.06	0.00	0.00	0.33	75.12	664.89
Sarawak	768.30	0.00	0.00	0.00	0.00	768.30	675.12	55.80	0.00	0.00	0.00	730.92	1,499.22
Sabah	6,850.00	0.00	0.00	0.00	0.00	6,850.00	2,717.00	198.00	0.00	27.14	83.15	3,025.29	9,875.29
Jumlah/Total	26,465.38	3,617.80	2,039.82	763.29	296.28	33,182.57	11,600.10	6,023.12	81,716.78	986.37	137.70	100,464.07	133,646.64

JADUAL (TABLE) 14.2

MALAYSIA
 ANGGARAN NILAI BORONG IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
 MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1998
 ESTIMATED WHOLESALE VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
 BY STATE AND CULTURE SYSTEM, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Airtawar/Freshwater						Airpayau/Brackishwater						Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex- Mining Pools	Sangkar Cages	Kandang Pen Culture	Tangki Simen Cement Tank	Sub Total Jumlah Kecil	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	Sub Total Jumlah Kecil	
Perlis	182.25	0.00	9.49	0.00	0.00	191.74	3,085.66	311.76	0.00	0.00	0.00	3,397.42	3,589.16
Kedah	1,196.32	0.00	17.72	13.84	9.84	1,237.72	11,918.31	966.51	131.29	7.11	53.20	13,076.42	14,314.14
Pulau Pinang	409.82	0.00	0.00	0.00	0.00	409.82	15,072.61	17,746.27	9,216.96	0.00	46.98	42,082.82	42,492.64
Perak	8,829.70	11,286.28	372.48	508.99	1,019.91	22,017.36	71,989.70	19,084.27	43,605.22	0.00	0.00	134,679.19	156,696.55
Selangor	16,302.44	958.75	600.36	0.00	1,995.76	19,857.31	33,944.94	16,256.07	10,064.97	0.65	0.00	60,266.63	80,123.94
Negeri Sembilan	4,341.69	70.90	1,005.41	0.00	64.33	5,482.33	3,396.40	0.00	0.00	57.11	0.00	3,453.51	8,935.84
Melaka	2,258.16	0.00	21.37	0.00	0.00	2,279.53	2,328.35	60.71	80.50	156.53	0.00	2,626.09	4,905.62
Johor	9,381.98	0.00	34.21	0.00	123.20	9,539.39	31,716.64	17,041.19	0.00	315.44	154.33	49,227.60	58,766.99
Pahang	67,840.24	29.12	4,727.52	0.00	4.84	72,601.72	16,326.82	17.28	0.00	0.00	0.00	16,344.10	88,945.82
Terengganu	834.34	0.00	4,319.84	0.00	95.26	5,249.44	2,077.60	364.29	0.00	0.00	502.95	2,944.84	8,194.28
Kelantan	2,256.47	0.00	44.15	768.99	6.77	3,076.38	988.45	261.08	0.00	0.00	3.71	1,253.24	4,329.62
Sarawak	4359.35	0.00	0.00	0.00	0.00	4,359.35	20,542.52	435.52	0.00	0.00	0.00	20,978.04	25,337.39
Sabah	48,985.00	0.00	0.00	0.00	0.00	48,985.00	95,095.00	11,034.00	0.00	54.28	2,494.50	108,677.78	157,662.78
Jumlah/Total	167,177.76	12,345.05	11,152.55	1,291.82	3,319.91	195,287.09	308,483.00	83,578.95	63,098.94	591.12	3,255.67	459,007.68	654,294.77

JADUAL (TABLE) 14.3

MALAYSIA
 ANGGARAN NILAI RUNCIT IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
 MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1998
 ESTIMATED RETAIL VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
 BY STATE AND CULTURE SYSTEM, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Airtawar/Freshwater						Airpayau/Brackishwater						Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex- Mining Pools	Sangkar Cages	Kandang Pen Culture	Tangki Simen Cement Tank	Sub Total Jumlah Kecil	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	Sub Total Jumlah Kecil	
Perlis	250.33	0.00	12.65	0.00	0.00	262.98	4,011.40	415.68	0.00	0.00	0.00	4,427.08	4,690.06
Kedah	1,740.54	0.00	21.25	16.60	15.30	1,793.69	13,585.53	1,098.73	210.06	10.53	79.80	14,984.65	16,778.34
Pulau Pinang	566.46	0.00	0.00	0.00	0.00	566.46	18,043.65	22,485.97	10,665.33	0.00	46.98	51,241.93	51,808.39
Perak	12,617.59	16,655.32	519.20	740.87	1,465.57	31,998.55	88,084.41	22,907.51	72,493.67	0.00	0.00	183,485.59	215,484.14
Selangor	24,311.71	1,329.65	790.78	0.00	2,634.05	29,066.19	38,250.30	18,443.64	18,613.30	1.01	0.00	75,308.25	104,374.44
Negeri Sembilan	6,639.16	112.94	1,543.09	0.00	113.47	8,408.66	3,801.40	0.00	0.00	65.02	0.00	3,866.42	12,275.08
Melaka	3,285.35	0.00	31.12	0.00	0.00	3,316.47	2,426.80	68.74	95.80	190.89	0.00	2,782.23	6,098.70
Johor	12,706.45	0.00	45.74	0.00	178.00	12,930.19	36,456.79	20,719.71	0.00	516.17	172.79	57,865.46	70,795.65
Pahang	79,926.80	44.99	6,547.32	0.00	6.87	86,525.98	21,401.09	22.75	0.00	0.00	0.00	21,423.84	107,949.82
Terengganu	1111.87	0.00	5,753.53	0.00	135.38	7,000.78	2,077.74	364.29	0.00	0.00	502.94	2,944.97	9,945.75
Kelantan	2,947.58	0.00	57.15	998.97	9.04	4,012.74	1,092.37	313.31	0.00	0.00	4.04	1,409.72	5,422.46
Sarawak	6872.17	0.00	0.00	0.00	0.00	6,872.17	23,677.03	750.20	0.00	0.00	0.00	24,427.23	31,299.40
Sabah	58,498.00	0.00	0.00	0.00	0.00	58,498.00	95,095.00	11,034.00	0.00	54.28	2,494.50	108,677.78	167,175.78
Jumlah/Total	211,474.01	18,142.90	15,321.83	1,756.44	4,557.68	251,252.86	348,003.51	98,624.53	102,078.16	837.90	3,301.05	552,845.15	804,098.01

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG, TANGKI SIMEN DAN KANDANG MENGIKUT SPESIS IKAN, 1998
 ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS, CEMENT TANKS AND PEN CULTURE BY SPECIES, 1998
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Species Species	Sistem Ternakan Culture System					
	Kolam Airtawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Airtawar Freshwater Cages	Tangki Simen Cement Tanks	Kandang Pen Culture	Jumlah Total
Lampam Jawa Javanese Carp	1,616.67	146.97	7.05	5.00	31.27	1,806.96
Lee Koh Common Carp	895.57	101.58	0.00	0.00	0.00	997.15
Kap Rumput Grass Carp	658.18	245.62	8.95	0.00	4.66	917.41
Kap Kepala Besar Big Head Carp	98.66	772.29	0.00	0.00	3.26	874.21
Udang Galah Giant Freshwater Prawn	281.17	0.00	0.00	0.00	0.00	281.17
Tilapia Hitam Black Tilapia	4,279.51	89.27	4.75	0.34	0.29	4,374.16
Tilapia Merah Red Tilapia	4,542.66	1,536.23	1,300.51	646.96	188.58	8,214.94
Jelawat River Carp	407.41	23.81	10.88	0.00	4.38	446.48
Keli Freshwater Catfish	5,219.58	155.11	0.00	98.69	0.00	5,473.38
Ketutu Goby	124.59	0.00	0.00	0.00	0.00	124.59
Belut Eel	2,250.00	0.00	0.00	0.00	0.00	2,250.00
Patin River Catfish	607.09	0.56	455.24	1.25	33.42	1,097.56
Toman Giant Snakehead	595.38	0.00	0.00	0.00	0.00	595.38
Baung River Catfish	351.85	0.00	229.48	0.00	6.09	587.42
Pelbagai Others	4,537.06	546.36	22.96	11.05	24.33	5,141.76
Jumlah Total	26,465.38	3,617.80	2,039.82	763.29	296.28	33,182.57

JADUAL (TABLE) 14.5

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG, TANGKI SIMEN DAN KANDANG MENGIKUT SPESIS IKAN, 1998
 ESTIMATED WHOLESAL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS, CEMENT TANKS AND PEN CULTURE BY SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Species Spesies	Sistem Ternakan Culture System					
	Kolam Airtawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Airtawar Freshwater Cages	Tangki Simen Cement Tanks	Kandang Pen Culture	Jumlah Total
Lampam Jawa Javanese Carp	8,502.00	623.08	30.19	20.90	153.14	9,329.31
Lee Koh Common Carp	5,833.80	424.18	0.00	0.00	0.00	6,257.98
Kap Rumpit Grass Carp	3,120.94	1,104.03	32.45	0.00	21.10	4,278.52
Kap Kepala Besar Big Head Carp	388.44	2,036.90	0.00	0.00	8.57	2,433.91
Udang Galah Giant Freshwater Prawn	6,361.26	0.00	0.00	0.00	0.00	6,361.26
Tilapia Hitam Black Tilapia	29,041.00	297.15	19.94	1.09	0.87	29,360.05
Tilapia Merah Red Tilapia	24,119.32	5,953.94	5,678.13	2,907.03	829.74	39,488.16
Jelawat River Carp	3,008.13	170.90	78.81	0.00	31.56	3,289.40
Keli Freshwater Catfish	16,826.09	539.65	0.00	343.81	0.00	17,709.55
Ketutu Goby	4,207.66	0.00	0.00	0.00	0.00	4,207.66
Belut Eel	37,800.00	0.00	0.00	0.00	0.00	37,800.00
Patin River Catfish	3,047.05	1.80	3,373.01	5.55	145.11	6,572.52
Toman Giant Snakehead	3,335.97	0.00	0.00	0.00	0.00	3,335.97
Baung River Catfish	3,044.71	0.00	1,848.55	0.00	49.48	4,942.74
Pelbagai Others	18,541.39	1,193.42	91.47	41.53	52.25	19,920.06
Jumlah Total	167,177.76	12,345.05	11,152.55	3,319.91	1,291.82	195,287.09

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG TANGKI SIMEN DAN KANDANG MENGIKUT SPESIS IKAN, 1998
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS CEMENT TANKS PEN CULTURE BY SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Spesies Species	Sistem Ternakan Culture System					
	Kolam Airtawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Airtawar Freshwater Cages	Tangki Simen Cement Tanks	Kandang Pen Culture	Jumlah Total
Lampam Jawa Javanese Carp	11,988.78	862.19	45.25	28.80	204.07	13,129.09
Lee Koh Common Carp	8,079.48	633.51	0.00	0.00	0.00	8,712.99
Kap Rumpot Grass Carp	4,362.61	1,551.21	54.52	0.00	29.48	5,997.82
Kap Kepala Besar Big Head Carp	539.01	3,275.41	0.00	0.00	13.82	3,828.24
Udang Galah Giant Freshwater Prawn	8,126.89	0.00	0.00	0.00	0.00	8,126.89
Tilapia Hitam Black Tilapia	33,422.46	434.17	26.51	1.47	1.39	33,886.00
Tilapia Merah Red Tilapia	33,040.22	8,514.37	7,903.04	3,931.02	1,106.84	54,495.49
Jelawat River Carp	4,206.72	237.59	121.79	0.00	43.84	4,609.94
Keli Freshwater Catfish	26,006.43	797.70	0.00	526.25	0.00	27,330.38
Ketutu Goby	4,998.39	0.00	0.00	0.00	0.00	4,998.39
Belut Eel	37,800.00	0.00	0.00	0.00	0.00	37,800.00
Patin River Catfish	4,330.54	2.89	4,464.89	7.71	211.85	9,017.88
Toman Giant Snakehead	4,389.47	0.00	0.00	0.00	0.00	4,389.47
Baung River Catfish	4,003.07	0.00	2,575.55	0.00	66.13	6,644.75
Pelbagai Others	26,179.94	1,833.86	130.28	62.43	79.02	28,285.53
Jumlah Total	211,474.01	18,142.90	15,321.83	4,557.68	1,756.44	251,252.86

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1998
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1998
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Spesies Species	Sistem Ternakan Culture System					
	Kolam Airpayau Brackishwater Ponds	Sangkar Airpayau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Jumlah Total
Siakap <i>Barramundi</i>	1,623.42	1,984.90	0.00	0.00	0.00	3,608.32
Siakap Merah <i>Mangrove Red Snapper</i>	0.00	1,638.09	0.00	0.00	0.00	1,638.09
Kerapu <i>Grouper</i>	0.06	465.66	0.00	0.00	0.00	465.72
Jenahak <i>Mangrove Snapper</i>	14.35	1,308.98	0.00	0.00	0.00	1,323.33
Udang Putih <i>Banana Prawn</i>	149.77	0.00	0.00	0.00	0.00	149.77
Udang Harimau <i>Tiger Prawn</i>	9,685.25	0.00	0.00	0.00	0.00	9,685.25
Ketam <i>Mud Crab</i>	24.46	206.65	0.00	0.00	0.00	231.11
Ketam telur <i>Bermed' crabs</i>	0.00	7.10	0.00	0.00	0.00	7.10
Tilapia Merah <i>Red Tilapia</i>	18.34	17.87	0.00	0.00	0.00	36.21
Merah <i>Red Snapper</i>	0.00	65.10	0.00	0.00	0.00	65.10
Kerang Dewasa <i>Cockles</i>	0.00	0.00	81,716.78	0.00	0.00	81,716.78
Siput Sudu <i>Mussels</i>	0.00	0.00	0.00	986.37	0.00	986.37
Tiram <i>Oysters</i>	0.00	0.00	0.00	0.00	137.70	137.70
Pelbagai <i>Others</i>	84.45	328.77	0.00	0.00	0.00	413.22
Jumlah Total	11,600.10	6,023.12	81,716.78	986.37	137.70	100,464.07

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1998
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Spesies Species	Sistem Ternakan Culture System					
	Kolam Airpayau Brackishwater Ponds	Sangkar Airpayau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Jumlah Total
Siakap Barramundi	19,169.60	23,064.24	0.00	0.00	0.00	42,233.84
Siakap merah Mangrove Red Snapper	0.00	13,544.75	0.00	0.00	0.00	13,544.75
Kerapu Grouper	1.31	16,808.62	0.00	0.00	0.00	16,809.93
Jenahak Mangrove Snapper	184.06	17,287.14	0.00	0.00	0.00	17,471.20
Udang Putih Banana Prawn	4,428.97	0.00	0.00	0.00	0.00	4,428.97
Udang Harimau Tiger Prawn	283,442.87	0.00	0.00	0.00	0.00	283,442.87
Ketam Mud Crab	263.27	2,508.87	0.00	0.00	0.00	2,772.14
Ketam Telur Berried Crabs	0.00	152.08	0.00	0.00	0.00	152.08
Tilapia Merah Red Tilapia	93.34	96.85	0.00	0.00	0.00	190.19
Merah Red Snapper	0.00	1,046.52	0.00	0.00	0.00	1,046.52
Kerang Dewasa Cockles	0.00	0.00	63,098.94	0.00	0.00	63,098.94
Siput Sudu Mussels	0.00	0.00	0.00	591.12	0.00	591.12
Tiram Oysters	0.00	0.00	0.00	0.00	3,255.67	3,255.67
Pelbagai Others	899.58	9,069.88	0.00	0.00	0.00	9,969.46
Jumlah Total	308,483.00	83,578.95	63,098.94	591.12	3,255.67	459,007.68

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1998
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Spesies Species	Sistem Ternakan Culture System					
	Kolam Airpayau Brackishwater Ponds	Sangkar Airpayau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Jumlah Total
Siakap Barramundi	22,767.73	27,986.98	0.00	0.00	0.00	50,754.71
Siakap Merah Mangrove Red Snapper	0.00	17,298.44	0.00	0.00	0.00	17,298.44
Kerapu Grouper	1.47	17,898.96	0.00	0.00	0.00	17,900.43
Jenahak Mangrove Snapper	220.46	20,730.11	0.00	0.00	0.00	20,950.57
Udang Putih Banana Prawn	5,204.50	0.00	0.00	0.00	0.00	5,204.50
Udang Harimau Tiger Prawn	318,367.77	0.00	0.00	0.00	0.00	318,367.77
Ketam Mud Crab	342.80	3,218.70	0.00	0.00	0.00	3,561.50
Ketam telur Berried Crabs	0.00	155.63	0.00	0.00	0.00	155.63
Tilapia Merah Red Tilapia	123.51	108.52	0.00	0.00	0.00	232.03
Merah Red Snapper	0.00	1,191.78	0.00	0.00	0.00	1,191.78
Kerang Dewasa Cockles	0.00	0.00	102,078.16	0.00	0.00	102,078.16
Siput Sudu Mussels	0.00	0.00	0.00	837.90	0.00	837.90
Tiram Oysters	0.00	0.00	0.00	0.00	3,301.05	3,301.05
Pelbagai Others	975.27	10,035.41	0.00	0.00	0.00	11,010.68
Jumlah Total	348,003.51	98,624.53	102,078.16	837.90	3,301.05	552,845.15

MALAYSIA
BILANGAN DAN LUAS KOLAM AIRTAWAR YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1998
NUMBER AND AREA OF FRESHWATER PONDS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Kolam Airtawar Freshwater Ponds		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (ha) Area(ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	147	28.85	97	1	0	2	100
Kedah	1,391	180.75	545	16	0	3	564
Pulau Pinang	127	17.92	51	4	5	0	60
Perak	2,246	627.19	1,088	173	9	30	1,300
Selangor	1,806	458.66	374	161	26	64	625
Negeri Sembilan	1,633	301.52	876	163	10	1	1,050
Melaka	509	102.16	235	62	1	1	299
Johor	1,489	199.26	261	136	4	30	431
Pahang	2,732	985.95	1,997	792	8	35	2,832
Terengganu	1,300	111.94	701	5	0	0	706
Kelantan	2,006	202.27	1060	9	0	8	1,077
Sarawak	1,708	156.80	31	161	0	1043	1,235
Sabah	14,012	1,385.70	88	823	2	4007	4,920
Jumlah/Total:	31,106	4,758.97	7,404	2,506	65	5,224	15,199

JADUAL (TABLE) 15.2

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS
 BY STATE AND SPECIES, 1998
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Gajah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant SnakeHead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.21	0.00	0.00	0.00	11.21	17.27	1.03	20.22	0.00	0.00	0.00	0.00	0.00	4.82	54.76
Kedah	29.05	7.35	0.57	0.15	0.44	15.78	53.21	3.04	198.81	0.00	0.00	0.15	0.00	0.00	15.58	324.13
Pulau Pinang	22.52	0.00	0.00	0.00	0.10	0.00	19.39	0.13	64.82	0.00	0.00	0.00	0.00	0.00	0.00	106.96
Perak	185.09	30.33	344.97	47.42	33.71	63.68	596.04	58.77	426.77	0.00	0.00	0.00	0.00	64.35	307.76	2,158.89
Selangor	52.16	9.59	64.70	5.57	0.00	82.59	508.41	15.71	3,034.32	0.52	0.00	225.00	0.00	188.55	294.87	4,481.99
Negeri Sembilan	76.84	9.79	19.45	0.60	21.50	11.22	750.71	4.62	127.99	0.22	0.00	0.23	0.00	2.13	18.58	1,043.88
Melaka	40.17	5.39	8.40	0.89	7.53	27.40	36.51	11.96	356.44	0.40	0.00	12.18	0.00	0.00	109.06	616.33
Johor	2.11	5.06	0.55	0.70	1.80	1.02	224.50	0.00	936.49	20.86	0.00	43.60	508.37	82.85	50.77	1,878.68
Pahang	95.18	26.00	160.84	17.53	213.00	2.51	868.58	32.32	18.17	101.61	2,250.00	58.56	87.01	1.74	3,649.09	7,582.14
Terengganu	15.23	4.70	2.11	0.80	1.03	10.62	93.97	4.38	23.49	0.00	0.00	12.93	0.00	8.44	1.50	179.20
Kelantan	68.99	22.46	21.59	0.00	1.57	33.48	115.70	62.52	12.06	0.98	0.00	27.95	0.00	3.79	49.03	420.12
Sarawak	124.33	219.69	0.00	0.00	0.49	0.00	38.37	191.93	0.00	0.00	0.00	193.49	0.00	0.00	0.00	768.30
Sabah	905.00	555.00	35.00	25.00	0.00	4,020.00	1,220.00	21.00	0.00	0.00	0.00	33.00	0.00	0.00	36.00	6,850.00
Jumlah/Total:	1,616.67	895.57	658.18	98.66	281.17	4,279.51	4,542.66	407.41	5,219.58	124.59	2,250.00	607.09	595.38	351.85	4,537.06	26,465.38

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

JADUAL (TABLE) 15.3

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRTAWAR
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS
 BY STATE AND SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '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	Patin River Catfish	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.63	0.00	0.00	0.00	39.24	60.45	6.18	60.66	0.00	0.00	0.00	0.00	0.00	15.09	182.25
Kedah	87.15	32.19	1.83	0.52	7.85	47.34	221.89	28.52	729.63	0.00	0.00	0.45	0.00	0.00	38.95	1,196.32
Pulau Pinang	93.23	0.00	0.00	0.00	2.17	0.00	85.12	1.78	227.52	0.00	0.00	0.00	0.00	0.00	0.00	409.82
Perak	773.68	126.78	1,559.26	124.71	725.44	191.04	2,282.83	420.79	1,489.43	0.00	0.00	0.00	0.00	526.38	609.36	8,829.70
Selangor	240.98	38.07	296.33	16.54	0.00	298.98	2,496.29	113.90	9,467.08	23.36	0.00	648.00	0.00	1,610.22	1,052.69	16,302.44
Negeri Sembilan	272.78	35.44	68.46	1.43	555.35	34.78	2,852.70	24.49	409.57	7.70	0.00	0.70	0.00	17.53	60.76	4,341.69
Melaka	143.01	20.37	28.81	2.04	153.99	88.23	137.28	51.19	1,040.80	11.82	0.00	35.32	0.00	0.00	545.30	2,258.16
Johor	7.66	19.38	2.18	2.10	38.61	3.19	1,034.95	0.00	3,202.80	930.77	0.00	187.48	2,907.88	771.33	273.65	9,381.98
Pahang	420.70	104.00	683.57	62.76	4,826.71	7.53	3,978.10	285.39	55.24	3,208.84	37,800.00	443.88	428.09	24.80	15,508.63	67,840.24
Terengganu	61.38	16.24	8.08	3.34	16.10	45.03	415.35	30.97	95.60	0.00	0.00	72.02	0.00	63.98	4.25	834.34
Kelantan	349.78	119.94	122.42	0.00	24.71	145.64	544.95	491.41	47.76	25.17	0.00	137.51	0.00	30.47	216.71	2,256.47
Sarawak	621.65	878.76	0.00	0.00	8.33	0.00	249.41	1,343.51	0.00	0.00	0.00	1,257.69	0.00	0.00	0.00	4,359.35
Sabah	5,430.00	4,440.00	350.00	175.00	0.00	28,140.00	9,760.00	210.00	0.00	0.00	0.00	264.00	0.00	0.00	216.00	48,985.00
Jumlah/Total:	8,502.00	5,833.80	3,120.94	388.44	6,361.26	29,041.00	24,119.32	3,008.13	16,828.09	4,207.66	37,800.00	3,047.05	3,335.97	3,044.71	18,541.39	167,177.76

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.
 Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

JADUAL (TABLE) 15.4

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DALAM KOLAM AIRTAWAR
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS
 BY STATE AND SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '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	Patin River Catfish	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.95	0.00	0.00	0.00	50.45	77.72	8.24	90.99	0.00	0.00	0.00	0.00	0.00	21.98	250.33
Kedah	130.73	41.97	2.57	0.68	8.87	71.01	266.05	35.96	1,135.21	0.00	0.00	0.75	0.00	0.00	46.74	1,740.54
Pulau Pinang	125.66	0.00	0.00	0.00	2.76	0.00	105.68	1.78	330.58	0.00	0.00	0.00	0.00	0.00	0.00	566.46
Perak	1,066.12	189.26	2,180.21	201.06	946.58	304.39	3,278.22	587.70	2,197.87	0.00	0.00	0.00	0.00	721.36	944.82	12,617.59
Selangor	337.48	57.92	410.20	23.00	0.00	407.99	3,274.16	152.39	14,868.17	28.90	0.00	1,077.75	0.00	2,107.99	1,565.76	24,311.71
Negeri Sembilan	457.20	63.15	117.48	2.56	666.93	54.08	4,346.61	40.29	753.86	11.00	0.00	1.27	0.00	24.77	99.96	6,639.16
Melaka	205.27	28.89	40.74	2.67	202.78	106.86	193.50	70.21	1,603.98	14.90	0.00	52.13	0.00	0.00	763.42	3,285.35
Johor	9.73	26.67	2.78	3.50	46.40	4.80	1,400.88	0.00	4,729.27	1,102.87	0.00	261.60	3,787.36	988.40	342.19	12,706.45
Pahang	753.83	171.08	1,085.67	100.80	6,194.04	10.04	6,331.95	466.05	90.12	3,810.38	37,800.00	585.60	602.11	30.59	21,894.54	79,926.80
Terengganu	80.87	25.19	12.55	4.74	19.88	60.00	534.69	38.85	138.36	0.00	0.00	98.91	0.00	90.81	7.02	1,111.87
Kelantan	462.92	166.88	160.41	0.00	29.83	192.84	704.61	633.95	68.02	30.34	0.00	181.12	0.00	39.15	277.51	2,947.58
Sarawak	1,118.97	1,757.52	0.00	0.00	8.82	0.00	326.15	1,919.30	0.00	0.00	0.00	1,741.41	0.00	0.00	0.00	6,872.17
Sabah	7,240.00	5,550.00	350.00	200.00	0.00	32,160.00	12,200.00	252.00	0.00	0.00	0.00	330.00	0.00	0.00	216.00	58,498.00
Jumlah/Total:	11,988.78	8,079.48	4,362.61	539.01	8,126.89	33,422.46	33,040.22	4,206.72	26,006.43	4,998.39	37,800.00	4,330.54	4,389.47	4,003.07	26,179.94	211,474.01

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

JADUAL(TABLE) 16.1

MALAYSIA
 BILANGAN DAN LUAS BEKAS LOMBONG YANG DIUSAHAKAN
 SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1998
 NUMBER AND AREA OF EX-MINING POOLS IN OPERATION AND
 NUMBER OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Bekas Lombong Ex-Mining Pools		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (ha) Area(ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	0	0.00	0	0	0	0	0
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	233	889.72	44	93	0	9	146
Selangor	106	194.18	35	14	1	3	53
Negeri Sembilan	9	14.75	0	9	0	0	9
Melaka	0	0.00	0	0	0	0	0
Johor	0	0.00	0	0	0	0	0
Pahang	3	64.00	60	0	0	0	60
Terengganu	0	0.00	0	0	0	0	0
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:	351	1,162.65	139	116	1	12	268

JADUAL (TABLE) 16.2

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI BEKAS LOMBONG
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED FISH PRODUCTION FROM EX-MINING POOLS
 BY STATE AND FISH SPECIES, 1998
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Patin River Catfish	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Baung 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	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pulau Pinang	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	126.69	99.54	225.44	756.83	0.00	41.79	1,458.76	20.69	150.59	0.00	477.31	3,357.64
Selangor	19.42	1.94	12.42	13.20	0.52	47.33	65.20	3.03	4.31	0.00	66.35	233.72
Negeri Sembilan	0.00	0.00	6.60	0.71	0.00	0.00	12.10	0.00	0.00	0.00	0.00	19.41
Melaka	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	0.86	0.10	1.16	1.55	0.04	0.15	0.17	0.09	0.21	0.00	2.70	7.03
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	146.97	101.58	245.62	772.29	0.56	89.27	1,536.23	23.81	155.11	0.00	546.36	3,617.80

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain-lain

Nota : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN DARI IKAN BEKAS LOMBONG
MENGIKUT NEGERI DAN SPESIS IKAN, 1998
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1998
(NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Baung River Catfish	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	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	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pulau Pinang	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	529.56	416.08	1,018.99	1,990.46	0.00	125.37	5,587.05	148.14	525.56	0.00	945.07	11,286.28
Selangor	89.72	7.70	56.88	39.20	0.00	171.33	320.13	21.97	13.45	1.50	236.87	958.75
Negeri Sembilan	0.00	0.00	23.23	1.69	0.00	0.00	45.98	0.00	0.00	0.00	0.00	70.90
Melaka	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	3.80	0.40	4.93	5.55	0.00	0.45	0.78	0.79	0.64	0.30	11.48	29.12
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:	623.08	424.18	1,104.03	2,036.90	0.00	297.15	5,953.94	170.90	539.65	1.80	1,193.42	12,345.05

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain

Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI BEKAS LOMBONG
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM EX-MINING POOLS
 BY STATE AND FISH SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Baung River Catfish	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Patin River Catfish	Pelbagai Others	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pulau Pinang	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	729.73	621.13	1,424.78	3,208.96	0.00	199.76	8,023.18	206.90	775.54	0.00	1,465.34	16,655.32
Selangor	125.65	11.72	78.74	54.52	0.00	233.81	419.89	29.39	21.12	2.49	352.32	1,329.65
Negeri Sembilan	0.00	0.00	39.86	3.02	0.00	0.00	70.06	0.00	0.00	0.00	0.00	112.94
Melaka	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	6.81	0.66	7.83	8.91	0.00	0.60	1.24	1.30	1.04	0.40	16.20	44.99
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:	862.19	633.51	1,551.21	3,275.41	0.00	434.17	8,514.37	237.59	797.70	2.89	1,833.86	18,142.90

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

JADUAL(TABLE) 17.1

MALAYSIA
BILANGAN DAN LUAS SANGKAR AIRTAWAR YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI,1998
NUMBER AND AREA OF FRESHWATER CAGES IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Sangkar Airtawar Freshwater Cages		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	36	625.00	5	0	0	1	6
Kedah	9	222.33	1	0	0	0	1
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	724	11,045.15	50	1	0	10	61
Selangor	737	13,223.46	6	4	0	2	12
Negeri Sembilan	912	13,506.63	2	4	0	1	7
Melaka	11	99.00	0	1	0	0	1
Johor	166	1,725.45	2	0	0	3	5
Pahang	2,762	39,642.16	467	14	0	111	592
Terengganu	1381	24,610.44	164	5	0	1	170
Kelantan	191	4,366.08	49	0	0	0	49
Sarawak	895	21,480.00	0	0	0	372	372
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	7,824	130,545.70	746	29	0	501	1,276

JADUAL (TABLE) 17.2

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRTAWAR
MENGIKUT NEGERI DAN SPESIS IKAN, 1998
ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES
BY STATE AND FISH SPECIES, 1998
(KUANTITI DALAM TAN METRIK/QUANTITY 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	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.30	1.66	0.00	0.00	0.00	0.00	0.84	2.80
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	4.25	0.00	0.00	0.00	0.00	0.00	4.25
Pulau Pinang	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
Perak	2.63	0.00	0.65	0.00	0.00	0.00	21.56	3.21	3.41	0.00	28.90	1.25	61.61
Selangor	1.78	0.00	0.00	0.00	0.00	0.00	118.67	0.30	2.53	0.00	0.00	0.00	123.28
Negeri Sembilan	0.77	0.00	7.90	0.00	0.00	0.00	249.30	3.05	3.75	0.00	0.00	0.00	264.77
Melaka	0.12	0.00	0.00	0.00	0.00	0.00	1.24	0.00	5.20	0.00	0.00	0.24	6.80
Johor	0.00	0.00	0.00	0.00	0.00	0.00	5.18	0.00	0.81	0.00	0.00	1.27	7.26
Pahang	1.47	0.00	0.38	0.00	0.00	0.00	245.55	3.94	434.70	0.00	13.72	16.34	716.10
Terengganu	0.09	0.00	0.02	0.00	0.00	4.28	645.68	0.38	4.36	0.00	186.33	2.82	843.96
Kelantan	0.19	0.00	0.00	0.00	0.00	0.17	7.42	0.00	0.48	0.00	0.53	0.20	8.99
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	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	0.00
Jumlah/Total	7.05	0.00	8.95	0.00	0.00	4.75	1,300.51	10.88	455.24	0.00	229.48	22.96	2,039.82

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy, Gouramy and Others.

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIRTAWAR
 MENGIKUT NEGERI DAN SPESIS, 1998
 ESTIMATED WHOLESALE VALUE FISH PRODUCTION FROM FRESHWATER CAGES
 BY STATE AND FISH SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

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	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	1.05	5.81	0.00	0.00	0.00	0.00	2.63	9.49
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	17.72	0.00	0.00	0.00	0.00	0.00	17.72
Pulau Pinang	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
Perak	10.99	0.00	2.94	0.00	0.00	0.00	82.57	22.98	14.12	0.00	236.40	2.48	372.48
Selangor	8.22	0.00	0.00	0.00	0.00	0.00	582.67	2.18	7.29	0.00	0.00	0.00	600.36
Negeri Sembilan	2.73	0.00	27.81	0.00	0.00	0.00	947.34	16.17	11.36	0.00	0.00	0.00	1,005.41
Melaka	0.43	0.00	0.00	0.00	0.00	0.00	4.66	0.00	15.08	0.00	0.00	1.20	21.37
Johor	0.00	0.00	0.00	0.00	0.00	0.00	23.88	0.00	3.48	0.00	0.00	6.85	34.21
Pahang	6.50	0.00	1.62	0.00	0.00	0.00	1,124.62	34.79	3,295.03	0.00	195.51	69.45	4,727.52
Terengganu	0.36	0.00	0.08	0.00	0.00	18.15	2,853.91	2.69	24.29	0.00	1,412.38	7.98	4,319.84
Kelantan	0.96	0.00	0.00	0.00	0.00	0.74	34.95	0.00	2.36	0.00	4.26	0.88	44.15
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	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	0.00
Jumlah/Total	30.19	0.00	32.45	0.00	0.00	19.94	5,678.13	78.81	3,373.01	0.00	1,848.55	91.47	11,152.55

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIRTAWAR
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED RETAIL VALUE FISH PRODUCTION FROM FRESHWATER CAGES
 BY STATE AND FISH SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpun Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Patin River Catfish	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	1.35	7.47	0.00	0.00	0.00	0.00	3.83	12.65
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	21.25	0.00	0.00	0.00	0.00	0.00	21.25
Pulau Pinang	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
Perak	15.15	0.00	4.11	0.00	0.00	0.00	118.58	32.10	21.45	0.00	323.97	3.84	519.20
Selangor	11.52	0.00	0.00	0.00	0.00	0.00	764.23	2.91	12.12	0.00	0.00	0.00	790.78
Negeri Sembilan	4.58	0.00	47.72	0.00	0.00	0.00	1,443.45	26.60	20.74	0.00	0.00	0.00	1,543.09
Melaka	0.61	0.00	0.00	0.00	0.00	0.00	6.57	0.00	22.26	0.00	0.00	1.68	31.12
Johor	0.00	0.00	0.00	0.00	0.00	0.00	32.32	0.00	4.86	0.00	0.00	8.56	45.74
Pahang	11.64	0.00	2.57	0.00	0.00	0.00	1,790.06	56.81	4,347.00	0.00	241.20	98.04	6,547.32
Terengganu	0.48	0.00	0.12	0.00	0.00	24.18	3,673.92	3.37	33.35	0.00	2,004.91	13.20	5,753.53
Kelantan	1.27	0.00	0.00	0.00	0.00	0.98	45.19	0.00	3.11	0.00	5.47	1.13	57.15
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	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	0.00
Jumlah/Total	45.25	0.00	54.52	0.00	0.00	26.51	7,903.04	121.79	4,464.89	0.00	2,575.55	130.28	15,321.83

Nota : Pelbagai - Termasuk ikan Haruan , Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

JADUAL(TABLE) 18.1

MALAYSIA
BILANGAN DAN LUAS TANGKI SIMEN YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1998
NUMBER AND AREA OF CEMENT TANKS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Tangki Simen Cement Tanks		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	5	245.62	3	0	0	0	3
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	53	10,000.00	10	1	0	0	11
Selangor	97	18,329.34	16	6	0	0	22
Negeri Sembilan	165	6,731.64	31	1	0	0	32
Melaka	28	1,376.87	14	1	0	0	15
Johor	220	5,091.37	60	0	0	0	60
Pahang	51	686.78	25	0	0	0	25
Terengganu	188	3,223.86	75	0	0	0	75
Kelantan	100	3,809.92	52	0	0	0	52
Sarawak	25	624.00	0	0	0	8	8
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	932	50,119.40	286	9	0	8	303

JADUAL(TABLE) 18.2

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI TANGKI SIMEN
 MENGIKUT NEGERI DAN SPESIES IKAN,1998
 ESTIMATED FISH PRODUCTION OF FISH FROM CEMENT TANK
 BY STATE AND FISH SPECIES,1998
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri State	Keli <i>Freshwater Catfish</i>	Tilapia Merah <i>Red Tilapia</i>	Tilapia Hitam <i>Black Tilapia</i>	Patin <i>River Catfish</i>	Lampam Jawa <i>Javanese Carp</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	2.68	0.00	0.00	0.00	0.00	0.00	2.68
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	15.69	246.54	0.00	0.00	5.00	0.00	267.23
Selangor	18.87	393.11	0.08	0.00	0.00	1.80	413.86
Negeri Sembilan	12.69	0.64	0.00	0.00	0.00	6.51	19.84
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor	28.72	2.20	0.00	1.07	0.00	1.90	33.89
Pahang	0.00	0.12	0.24	0.00	0.00	0.84	1.20
Terengganu	19.50	3.44	0.02	0.11	0.00	0.00	23.07
Kelantan	0.54	0.91	0.00	0.07	0.00	0.00	1.52
Sarawak	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
Jumlah/Total:	98.69	646.96	0.34	1.25	5.00	11.05	763.29

Nota : Pelbagai - Termasuk Ikan seperti Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

JADUAL(TABLE) 18.3

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI TANGKI SIMEN
 MENGIKUT NEGERI DAN SPESIES IKAN,1998
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM CEMENT TANKS
 BY STATE AND FISH SPECIES,1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri <i>State</i>	Keli <i>Freshwater Catfish</i>	Tilapia Merah <i>Red Tilapia</i>	Tilapia Hitam <i>Black Tilapia</i>	Lampam Jawa <i>Javanese Carp</i>	Patin <i>River Catfish</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	9.84	0.00	0.00	0.00	0.00	0.00	9.84
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	54.76	944.25	0.00	20.90	0.00	0.00	1,019.91
Selangor	58.87	1,930.17	0.29	0.00	0.00	6.43	1,995.76
Negeri Sembilan	40.61	2.43	0.00	0.00	0.00	21.29	64.33
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor	98.22	10.14	0.00	0.00	4.60	10.24	123.20
Pahang	0.00	0.55	0.72	0.00	0.00	3.57	4.84
Terengganu	79.37	15.20	0.08	0.00	0.61	0.00	95.26
Kelantan	2.14	4.29	0.00	0.00	0.34	0.00	6.77
Sarawak	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
Jumlah/Total:	343.81	2,907.03	1.09	20.90	5.55	41.53	3,319.91

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat dan Lain - lain.

Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI TANGKI SIMEN
MENGIKUT NEGERI DAN SPESIES IKAN,1998
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM CEMENT TANKS
BY STATE AND FISH SPECIES,1998
(NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Keli Freshwater Catfish	Tilapia Merah Red Tilapia	Tilapia Hitam Black Tilapia	Lampam Jawa Javanese Carp	Patin River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	15.30	0.00	0.00	0.00	0.00	0.00	15.30
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	80.80	1,355.97	0.00	28.80	0.00	0.00	1,465.57
Selangor	92.46	2,531.63	0.40	0.00	0.00	9.56	2,634.05
Negeri Sembilan	74.74	3.71	0.00	0.00	0.00	35.02	113.47
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor	145.04	13.73	0.00	0.00	6.42	12.81	178.00
Pahang	0.00	0.87	0.96	0.00	0.00	5.04	6.87
Terengganu	114.86	19.57	0.11	0.00	0.84	0.00	135.38
Kelantan	3.05	5.54	0.00	0.00	0.45	0.00	9.04
Sarawak	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
Jumlah/Total:	526.25	3,931.02	1.47	28.80	7.71	62.43	4,557.68

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

JADUAL(TABLE) 19.1

MALAYSIA
BILANGAN DAN LUAS KANDANG IKAN YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1998
NUMBER AND AREA OF PEN CULTURE IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Kandang Ikan <i>Pen culture</i>		Bilangan Penternak <i>No. Of Culturists</i>				
	Bilangan Number	Luas (Ha) Area(Ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	14	1.40	14	0	0	0	14
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	206	31.51	72	0	0	0	72
Selangor	0	0.00	0	0	0	0	0
Negeri Sembilan	0	0.00	0	0	0	0	0
Melaka	0	0.00	0	0	0	0	0
Johor	0	0.00	0	0	0	0	0
Pahang	0	0.00	0	0	0	0	0
Terengganu	60	3.60	60	0	0	0	60
Kelantan	655	185.63	655	0	0	0	655
Sarawak	47	1.13	0	0	0	37	37
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	982	223.27	801	0	0	37	838

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KANDANG AIRTAWAR
MENGIKUT NEGERI DAN SPESIES IKAN, 1998
ESTIMATED FISH PRODUCTION FROM FRESHWATER PEN CULTURE
BY STATE AND FISH SPECIES, 1998
(KUANTITI DALAM TAN METRIK/QUANTITY 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	Keli Freshwater Cat fish	Udang Galah Giant Fresh- Water Prawn	Patin River Catfish	Toman Giant Snakehead	Baung 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	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.32
Pulau Pinang	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	0.00
Perak	6.06	0.00	4.63	3.26	0.00	0.29	64.40	4.10	0.00	0.00	24.77	0.00	3.65	22.66	133.82
Selangor	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	0.00
Negeri Sembilan	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	0.00
Melaka	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	0.00
Johor	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	0.00
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	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	0.00	0.00	0.00
Kelantan	25.21	0.00	0.03	0.00	0.00	0.00	120.86	0.28	0.00	0.00	8.65	0.00	2.44	1.67	159.14
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	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	0.00	0.00	0.00
Jumlah/Total	31.27	0.00	4.66	3.26	0.00	0.29	188.58	4.38	0.00	0.00	33.42	0.00	6.09	24.33	296.28

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy, Gouramy and Others.

JADUAL (TABLE) 19.3

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KANDANG AIRTAWAR
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED WHOLESALE VALUE FISH PRODUCTION FROM FRESHWATER PEN CULTURE
 BY STATE AND FISH SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Udang Galah Giant Fresh- Water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Patin River Catfish	Toman Giant Snakehead	Baung 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	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.84	0.00	0.00	0.00	0.00	0.00	0.00	13.84
Pulau Pinang	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	0.00
Perak	25.33	0.00	20.93	8.57	0.00	0.00	0.87	246.65	29.36	0.00	102.55	0.00	29.86	44.87	508.99
Selangor	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	0.00
Negeri Sembilan	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	0.00
Melaka	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	0.00
Johor	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	0.00
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	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	0.00	0.00	0.00
Kelantan	127.81	0.00	0.17	0.00	0.00	0.00	0.00	569.25	2.20	0.00	42.56	0.00	19.62	7.38	768.99
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	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	0.00	0.00	0.00
Jumlah/Total	153.14	0.00	21.10	8.57	0.00	0.00	0.87	829.74	31.56	0.00	145.11	0.00	49.48	52.25	1,291.82

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KANDANG AIRTAWAR
MENGIKUT NEGERI DAN SPESIS IKAN, 1998
ESTIMATED RETAIL VALUE FISH PRODUCTION FROM FRESHWATER PEN CULTURE
BY STATE AND FISH SPECIES, 1998
(NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah GiantFresh- Water Prawn	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Fresh- Water Catfish	Patin River Catfish	Toman Giant Snakehead	Baung 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	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.60	0.00	0.00	0.00	0.00	0.00	0.00	16.60
Pulau Pinang	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	0.00
Perak	34.91	0.00	29.26	13.82	0.00	0.00	1.39	354.20	41.00	0.00	155.80	0.00	40.92	69.57	740.87
Selangor	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	0.00
Negeri Sembilan	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	0.00
Melaka	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	0.00
Johor	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	0.00
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	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	0.00	0.00	0.00
Kelantan	169.16	0.00	0.22	0.00	0.00	0.00	0.00	736.04	2.84	0.00	56.05	0.00	25.21	9.45	998.97
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	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	0.00	0.00	0.00
Jumlah/Total	204.07	0.00	29.48	13.82	0.00	0.00	1.39	1,106.84	43.84	0.00	211.85	0.00	66.13	79.02	1,756.44

Nota : Pelbagai - Termasuk ikan Haruan , Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

MALAYSIA
BILANGAN DAN LUAS KOLAM AIRPAYAU YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1998
NUMBER AND AREA OF BRACKISHWATER PONDS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Kolam Airpayau Brackishwater Ponds		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (Ha) Area(Ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	52	35.73	3	3	0	2	8
Kedah	885	676.10	87	27	1	29	144
Pulau Pinang	325	192.31	47	83	0	9	139
Perak	1138	708.82	43	72	2	31	148
Selangor	715	370.69	79	31	0	24	134
Negeri Sembilan	68	59.00	1	0	0	3	4
Melaka	76	44.23	17	2	0	1	20
Johor	692	669.44	33	43	0	19	95
Pahang	189	134.51	15	3	0	0	18
Terengganu	219	109.87	47	2	0	0	49
Kelantan	157	75.37	130	1	0	0	131
Sarawak	403	126.08	81	36	0	45	162
Sabah	1,463	2,646.33	0	40	0	82	122
Jumlah/Total:	6,382	5,848.48	583	343	3	245	1,174

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND FISH SPECIES, 1998
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

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>	Tilapia Merah <i>Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.06	0.00	0.00	0.00	154.10	0.00	0.51	0.00	154.67
Kedah	28.72	0.06	0.00	0.00	500.60	0.55	0.00	0.00	529.93
Pulau Pinang	519.75	0.00	0.00	0.00	375.47	0.00	0.00	61.90	957.12
Perak	173.36	0.00	0.00	0.00	2,398.41	7.26	0.09	0.65	2,579.77
Selangor	404.73	0.00	3.00	0.00	1,045.69	0.30	0.00	0.02	1,453.74
Negeri Sembilan	0.30	0.00	0.00	0.00	122.50	0.00	0.00	0.00	122.80
Melaka	3.50	0.00	3.33	0.00	75.70	0.00	0.50	0.17	83.20
Johor	459.42	0.00	8.02	149.69	707.57	3.78	14.57	14.47	1,357.52
Pahang	5.64	0.00	0.00	0.00	819.44	0.00	0.00	0.00	825.08
Terengganu	2.74	0.00	0.00	0.08	94.74	0.49	1.37	0.00	99.42
Kelantan	6.25	0.00	0.00	0.00	37.15	0.03	1.30	0.00	44.73
Sarawak	18.95	0.00	0.00	0.00	636.88	12.05	0.00	7.24	675.12
Sabah	0.00	0.00	0.00	0.00	2,717.00	0.00	0.00	0.00	2,717.00
Jumlah/Total	1,623.42	0.06	14.35	149.77	9,685.25	24.46	18.34	84.45	11,600.10

Nota : Pelbagai - Termasuk Ikan Banding, Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note : Miscellaneous - Includes Milk Fish, Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN, 1998
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
BY STATE AND FISH SPECIES, 1998
(NILAI DALAM RM '000/VALUE IN RM '000)

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>	Tilapia Merah <i>Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.60	0.00	0.00	0.00	3,082.00	0.00	3.06	0.00	3,085.66
Kedah	356.70	1.31	0.00	0.00	11,553.85	6.45	0.00	0.00	11,918.31
Pulau Pinang	5,420.99	0.00	0.00	0.00	8,981.24	0.00	0.00	670.38	15,072.61
Perak	2,243.28	0.00	0.00	0.00	69,649.83	89.01	0.54	7.04	71,989.70
Selangor	4,804.15	0.00	35.04	0.00	29,101.55	3.59	0.00	0.61	33,944.94
Negeri Sembilan	3.15	0.00	0.00	0.00	3,393.25	0.00	0.00	0.00	3,396.40
Melaka	37.35	0.00	41.63	0.00	2,246.02	0.00	2.50	0.85	2,328.35
Johor	5,949.49	0.00	107.39	4,427.83	20,951.15	31.11	72.85	176.82	31,716.64
Pahang	77.32	0.00	0.00	0.00	16,249.50	0.00	0.00	0.00	16,326.82
Terengganu	29.84	0.00	0.00	1.14	2,036.91	3.08	6.63	0.00	2,077.60
Kelantan	59.56	0.00	0.00	0.00	920.95	0.18	7.76	0.00	988.45
Sarawak	187.17	0.00	0.00	0.00	20,181.62	129.85	0.00	43.88	20,542.52
Sabah	0.00	0.00	0.00	0.00	95,095.00	0.00	0.00	0.00	95,095.00
Jumlah/Total	19,169.60	1.31	184.06	4,428.97	283,442.87	263.27	93.34	899.58	308,483.00

Nota: Pelbagai - Termasuk Ikan Banding, Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note: Miscellaneous - Includes Milk Fish, Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

MALAYSIA
 ANGgaran NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1998
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND FISH SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

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>	Tilapia Merah <i>Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.72	0.00	0.00	0.00	4,006.60	0.00	4.08	0.00	4,011.40
Kedah	415.29	1.47	0.00	0.00	13,160.77	8.00	0.00	0.00	13,585.53
Pulau Pinang	6,912.68	0.00	0.00	0.00	10,460.59	0.00	0.00	670.38	18,043.65
Perak	2,674.94	0.00	0.00	0.00	85,287.46	114.27	0.70	7.04	88,084.41
Selangor	5,055.08	0.00	41.91	0.00	33,148.37	4.28	0.00	0.66	38,250.30
Negeri Sembilan	3.90	0.00	0.00	0.00	3,797.50	0.00	0.00	0.00	3,801.40
Melaka	42.28	0.00	46.62	0.00	2,333.83	0.00	2.88	1.19	2,426.80
Johor	7,231.27	0.00	131.93	5,203.22	23,512.55	39.69	100.24	237.89	36,456.79
Pahang	95.65	0.00	0.00	0.00	21,305.44	0.00	0.00	0.00	21,401.09
Terengganu	29.84	0.00	0.00	1.28	2,036.91	3.08	6.63	0.00	2,077.74
Kelantan	72.31	0.00	0.00	0.00	1,010.85	0.23	8.98	0.00	1,092.37
Sarawak	233.77	0.00	0.00	0.00	23,211.90	173.25	0.00	58.11	23,677.03
Sabah	0.00	0.00	0.00	0.00	95,095.00	0.00	0.00	0.00	95,095.00
Jumlah/Total	22,767.73	1.47	220.46	5,204.50	318,367.77	342.80	123.51	975.27	348,003.51

Nota: Pelbagai - Termasuk Ikan Banding, Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note: Miscellaneous - Includes Milk Fish, Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

JADUAL(TABLE) 21.1

MALAYSIA
BILANGAN DAN LUAS SANGKAR AIRPAYAU YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1998
NUMBER AND AREA OF BRACKISHWATER CAGES IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Sangkar Airpayau <i>Brackishwater Cages</i>		Bilangan Penternak <i>No. Of Culturists</i>				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	100	250.00	0	2	0	0	2
Kedah	2,916	31,693.22	89	19	0	2	110
Pulau Pinang	23,300	209,633.00	102	208	5	4	319
Perak	20,185	159,129.00	27	179	1	0	207
Selangor	6,479	111,523.54	1	30	0	0	31
Negeri Sembilan	0	0.00	0	0	0	0	0
Melaka	184	3,132.57	1	1	0	1	3
Johor	5,375	122,896.68	70	94	1	4	169
Pahang	29	263.00	8	0	0	0	8
Terengganu	781	7,764.04	63	0	0	0	63
Kelantan	1,056	21,812.00	128	2	0	1	131
Sarawak	860	8,061.62	629	0	0	0	629
Sabah	1,202	31,071.00	0	12	0	266	278
Jumlah/Total:	62,467	707,229.67	1,118	547	7	278	1,950

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
 BY STATE AND FISH SPECIES, 1998
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri State	Siakap Barramundi	Siakap Merah Mangrove Red Snapper	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Ketam Telur Berried Crabs	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.98	0.00	0.00	0.00	25.98
Kedah	34.56	0.00	21.41	5.02	0.54	0.00	0.00	0.00	0.00	0.00	1.99	63.52
Pulau Pinang	774.13	942.70	30.18	74.52	0.00	0.00	0.00	7.53	7.10	0.00	0.00	1,836.16
Perak	465.10	104.40	94.75	556.05	0.00	0.00	0.00	166.61	0.00	0.00	0.01	1,386.92
Selangor	253.27	590.99	37.80	101.69	0.00	0.00	0.00	5.35	0.00	0.00	204.93	1,194.03
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	5.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.69
Johor	353.49	0.00	101.72	571.70	64.56	0.00	0.00	1.18	0.00	1.10	94.84	1,188.59
Pahang	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	1.48
Terengganu	27.36	0.00	1.07	0.00	0.00	0.00	0.00	0.00	0.00	8.46	0.00	36.89
Kelantan	21.51	0.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	7.82	0.00	30.06
Sarawak	48.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	55.80
Sabah	0.00	0.00	178.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	198.00
Jumlah/Total	1,984.90	1,638.09	465.66	1,308.98	65.10	0.00	0.00	206.65	7.10	17.87	328.77	6,023.12

Nota : Pelbagai - Termasuk Ikan Tanda, Dengkis, Cermin, Talang dan Lain-lain.

Nota : Miscellaneous - Includes Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1998
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISWATER/MARINE CAGES
 BY STATE AND FISH SPECIES, 1998
 (NILAI DALAM RM'000/VALUE IN RM'000)

Negeri State	Siakap Barramundi	Siakap Merah Mangrove Red Snapper	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Ketam Telur Berried Crabs	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	311.76	0.00	0.00	0.00	311.76
Kedah	429.24	0.00	468.45	68.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	966.51
Pulau Pinang	8,074.18	7,475.61	889.10	1,074.58	0.00	0.00	0.00	80.72	152.08	0.00	0.00	17,746.27
Perak	6,018.39	1,039.82	2,682.37	7,300.94	0.00	0.00	0.00	2,042.64	0.00	0.00	0.11	19,084.27
Selangor	3,006.31	5,029.32	712.15	1,187.74	0.00	0.00	0.00	64.04	0.00	0.00	6,256.51	16,256.07
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	60.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.71
Johor	4,577.70	0.00	2,587.76	7,655.06	1,046.52	0.00	0.00	9.71	0.00	5.50	1,158.94	17,041.19
Pahang	13.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	0.00	17.28
Terengganu	297.95	0.00	25.39	0.00	0.00	0.00	0.00	0.00	0.00	40.95	0.00	364.29
Kelantan	204.99	0.00	9.40	0.00	0.00	0.00	0.00	0.00	0.00	46.69	0.00	261.08
Sarawak	381.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.32	435.52
Sabah	0.00	0.00	9,434.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,600.00	11,034.00
Jumlah/Total	23,064.24	13,544.75	16,808.62	17,287.14	1,046.52	0.00	0.00	2,508.87	152.08	96.85	9,069.88	83,578.95

Nota : Pelbagai - Termasuk Ikan Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note : Miscellaneous - Includes Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIS IKAN, 1998
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
 BY STATE AND FISH SPECIES, 1998
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Siakap <i>Barramundi</i>	Siakap Merah Mangrove Red Snapper	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Ketam Telur Berried Crabs	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	415.68	0.00	0.00	0.00	415.68
Kedah	499.74	0.00	523.69	75.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,098.73
Pulau Pinang	10,295.93	9,785.23	946.44	1,210.95	0.00	0.00	0.00	91.79	155.63	0.00	0.00	22,485.97
Perak	7,176.49	1,337.36	3,152.33	8,618.78	0.00	0.00	0.00	2,622.44	0.00	0.00	0.11	22,907.51
Selangor	3,163.34	6,175.85	826.31	1,420.61	0.00	0.00	0.00	76.40	0.00	0.00	6,781.13	18,443.64
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	68.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.74
Johor	5,563.93	0.00	2,980.40	9,404.47	1,191.78	0.00	0.00	12.39	0.00	7.57	1,559.17	20,719.71
Pahang	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.96	0.00	22.75
Terengganu	297.95	0.00	25.39	0.00	0.00	0.00	0.00	0.00	0.00	40.95	0.00	364.29
Kelantan	248.87	0.00	10.40	0.00	0.00	0.00	0.00	0.00	0.00	54.04	0.00	313.31
Sarawak	655.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.00	750.20
Sabah	0.00	0.00	9,434.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,600.00	11,034.00
Jumlah/Total	27,986.98	17,298.44	17,898.96	20,730.11	1,191.78	0.00	0.00	3,218.70	155.63	108.52	10,035.41	98,624.53

Nota: Pelbagai - Termasuk Ikan-Ikan seperti Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note: Miscellaneous - Includes Snapper, Rabbitfish and Horse Mackerel, Queenfish and Others.

JADUAL(TABLE) 22.1

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN KERANG
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1998
NUMBER AND AREA OF COCKLE CULTURE AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Ternakan Kerang Cockles Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas Kawasan LTS (Ha) TOL Area(Ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	2	39.29	2	0	0	0	2
Pulau Pinang	63	768.00	2	27	0	22	51
Perak	206	2,377.86	26	152	0	25	203
Selangor	26	1,036.07	17	3	0	6	26
Negeri Sembilan	0	0.00	0	0	0	0	0
Melaka	0	0.00	0	0	0	0	0
Johor	3	50.79	1	1	0	1	3
Pahang	0	0.00	0	0	0	0	0
Terengganu	0	0.00	0	0	0	0	0
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:	300	4,272.01	48	183	0	54	285

JADUAL (TABLE) 22.2

MALAYSIA
PENGELUARAN KERANG DEWASA MENGIKUT BULAN DAN NEGERI, 1998
PRODUCTION OF COCKLES BY MONTH AND STATE, 1998
(KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

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
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	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.10	20.98	12.17	19.87	18.93	175.05
Pulau Pinang	1,023.32	847.40	825.07	716.93	556.06	455.26	657.86	830.05	1,613.71	1,820.47	1,549.79	2,271.16	13,167.08
Perak	3,302.05	3,447.96	4,108.93	3,798.61	4,007.67	3,668.31	4,566.77	5,108.08	5,105.00	5,515.10	5,699.25	6,178.79	54,506.52
Selangor	1,066.43	1,742.30	1,871.74	1,167.07	1,195.53	1,180.83	1,130.34	977.75	1,058.85	740.74	709.16	946.89	13,787.63
Negeri Sembilan	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
Melaka	1.50	7.50	8.00	9.00	8.50	9.00	6.00	3.00	6.50	7.50	6.00	8.00	80.50
Johor	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
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	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	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	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	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	0.00
Jumlah/Total:	5,393.30	6,045.16	6,813.74	5,691.61	5,767.76	5,313.40	6,360.97	7,021.98	7,805.04	8,095.98	7,984.07	9,423.77	81,716.78

JADUAL (TABLE) 22.3

MALAYSIA
 PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI, 1998
 PRODUCTION OF COCKLES SEEDS BY MONTH AND STATE, 1998
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

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
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	0.00
Kedah	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
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.48	80.27	144.75
Perak	192.19	163.67	0.00	0.00	12.00	24.00	59.58	0.00	630.36	0.00	0.00	0.00	1,081.80
Selangor	204.11	0.00	0.00	207.11	7.98	119.10	0.00	0.00	0.00	0.00	0.00	0.00	538.30
Negeri Sembilan	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
Melaka	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
Johor	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
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	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	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	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	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	0.00
Jumlah/Total:	396.30	163.67	0.00	207.11	19.98	143.10	59.58	0.00	630.36	0.00	64.48	80.27	1,764.85

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN SIPUT SUDU
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1998
NUMBER AND AREA OF MUSSEL CULTURE AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Ternakan Siput Sudu Mussel Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	5	761.07	3	0	0	0	3
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	0	0.00	0	0	0	0	0
Selangor	5	561.00	3	0	0	1	4
Negeri Sembilan	25	4,339.00	20	2	0	3	25
Melaka	48	6,317.14	35	0	0	2	37
Johor	332	51,593.57	51	18	0	8	77
Pahang	0	0.00	0	0	0	0	0
Terengganu	0	0.00	0	0	0	0	0
Kelantan	0	0.00	0	0	0	0	0
Sarawak	0	0.00	0	0	0	0	0
Sabah	109	1,930.00	0	0	0	108	108
Jumlah/Total:	524	65,501.78	112	20	0	122	254

JADUAL (TABLE) 23.2

MALAYSIA
PENGELUARAN SIPUT SUDU MENGIKUT BULAN DAN NEGERI, 1998
PRODUCTION OF MUSSELS BY MONTH AND STATE, 1998
(KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

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
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	0.00
Kedah	0.70	0.71	0.52	0.71	0.51	0.00	0.40	0.35	0.30	0.35	0.35	1.94	6.84
Pulau Pinang	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
Perak	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
Selangor	0.32	0.00	0.07	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67
Negeri Sembilan	5.70	0.80	1.90	2.80	0.55	16.00	1.30	1.95	3.20	2.79	4.64	2.30	43.93
Melaka	16.21	21.57	24.80	18.49	14.25	13.40	13.15	7.70	13.97	16.25	15.00	16.10	190.89
Johor	88.41	80.72	90.33	78.80	144.91	78.61	32.94	17.57	22.83	21.53	21.06	39.19	716.90
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	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	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	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	0.00
Sabah	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.28	2.26	2.26	2.26	2.26	27.14
Jumlah/Total:	113.60	106.06	119.88	103.34	162.48	110.27	50.05	29.85	42.56	43.18	43.31	61.79	986.37

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN TIRAM
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1998
NUMBER AND AREA OF OYSTER CULTURE AND NUMBER
OF CULTURISTS BY RACE AND STATE, 1998

Negeri State	Ternakan Tiram Oyster Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	22	1,460.10	2	0	0	0	2
Pulau Pinang	20	153.00	1	1	0	0	2
Perak	0	0.00	0	0	0	0	0
Selangor	0	0.00	0	0	0	0	0
Negeri Sembilan	0	0.00	0	0	0	0	0
Melaka	0	0.00	0	0	0	0	0
Johor	7	7,000.00	10	0	0	0	10
Pahang	0	0.00	0	0	0	0	0
Terengganu	19	16,887.00	27	0	0	0	27
Kelantan	33	1,391.46	12	0	0	0	12
Sarawak	0	0.00	0	0	0	0	0
Sabah	103	50,350.20	0	0	0	100	100
Jumlah/Total:	204	77,241.76	52	1	0	100	153

JADUAL (TABLE) 24.2

MALAYSIA
 PENGELUARAN TIRAM MENGIKUT BULAN DAN NEGERI, 1998
 PRODUCTION OF OYSTER BY MONTH AND STATE, 1998
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

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
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	0.00
Kedah	0.53	0.47	0.00	0.43	0.43	0.40	0.47	0.50	0.53	0.50	0.53	0.53	5.32
Pulau Pinang	0.25	0.27	0.30	0.25	0.28	0.27	0.18	0.13	0.20	0.13	0.50	0.48	3.24
Perak	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
Selangor	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
Negeri Sembilan	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
Melaka	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
Johor	0.49	0.51	0.47	0.50	0.40	0.51	0.46	0.40	0.52	0.39	0.44	0.59	5.68
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	0.00
Terengganu	3.32	3.17	3.18	3.12	10.62	3.24	3.19	3.20	3.10	3.71	0.13	0.00	39.98
Kelantan	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	0.00	0.33
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	0.00
Sabah	6.93	6.93	6.93	6.93	6.93	6.92	6.93	6.93	6.93	6.93	6.93	6.93	83.15
Jumlah/Total:	11.52	11.35	10.98	11.23	18.66	11.41	11.23	11.25	11.28	11.73	8.53	8.53	137.70

MALAYSIA
HARGA BORONG IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1998
WHOLESALE PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1998
(RM/KG)

Jenis/Negeri <i>Species/State</i>	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Kap Rumput <i>Grass Carp</i>	Kap Kepala Besar <i>Big Head Carp</i>	Udang Galah Giant <i>Fresh- water Prawn</i>	Tilapia Hitam <i>Black Tilapia</i>	Tilapia Merah <i>Red Tilapia</i>	Jelawat <i>River Carp</i>	Keli <i>Fresh- water Catfish</i>	Ketutu <i>Goby</i>	Belut <i>Eel</i>	Patin <i>River Catfish</i>	Toman <i>Giant Snake- head</i>	Baung <i>River Catfish</i>	Pelbagai <i>Miscell- aneous</i>
Perlis	3.00	3.00	0.00	0.00	15.00	3.50	3.50	6.00	3.00	0.00	0.00	0.00	0.00	0.00	3.13
Kedah	3.00	4.38	3.21	3.48	17.83	3.00	4.17	9.38	3.67	13.75	0.00	3.00	0.00	6.71	2.50
Pulau Pinang	4.14	0.00	0.00	0.00	21.67	0.00	4.39	13.67	3.51	0.00	5.52	0.00	0.00	0.00	0.00
Perak	4.18	4.18	4.52	2.63	21.52	3.00	3.83	7.16	3.49	38.98	3.83	4.14	2.64	8.18	1.98
Selangor	4.62	3.97	4.58	2.97	21.78	3.62	4.91	7.25	3.12	44.92	0.00	2.88	7.45	8.54	3.57
Negeri Sembilan	3.55	3.62	3.52	2.38	25.83	3.10	3.80	5.30	3.20	35.00	0.00	3.03	0.00	8.23	3.27
Melaka	3.56	3.78	3.43	2.29	20.45	3.22	3.76	4.28	2.92	29.54	0.00	2.90	0.00	0.00	5.00
Johor	3.63	3.83	3.97	3.00	21.45	3.13	4.61	7.22	3.42	44.62	0.00	4.30	5.72	9.31	5.39
Pahang	4.42	4.00	4.25	3.58	22.67	3.00	4.58	8.83	3.04	31.58	16.80	7.58	4.92	14.25	4.25
Terengganu	4.03	3.88	3.83	4.17	15.63	4.24	4.42	7.07	4.07	27.08	0.00	5.57	3.28	7.58	2.83
Kelantan	5.07	5.34	5.67	4.41	15.74	4.35	4.71	7.86	3.96	25.68	0.00	4.92	4.44	8.04	4.42
Sarawak	5.00	4.00	0.00	0.00	17.00	4.00	6.50	7.00	6.20	0.00	0.00	6.50	0.00	9.00	0.00
Sabah	6.00	8.00	10.00	7.00	10.00	7.00	8.00	10.00	6.00	35.00	0.00	8.00	0.00	6.00	6.00
Harga Bertimbang <i>Weighted price</i>	5.16	6.27	4.66	2.78	22.62	6.71	4.81	7.73	3.24	33.77	16.80	5.99	5.60	8.41	3.87

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

JADUAL (TABLE) 25.2

MALAYSIA
HARGA RUNCIT IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1998
RETAIL PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1998
(RM/KG)

Jenis/Negeri <i>Species/State</i>	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Kap Rumput <i>Grass Carp</i>	Kap Kepala Besar <i>Big Head Carp</i>	Udang Galah <i>Giant Fresh- water Prawn</i>	Tilapia Hitam <i>Black Tilapia</i>	Tilapia Merah <i>Red Tilapia</i>	Jelawat <i>River Carp</i>	Keli <i>Fresh- water Catfish</i>	Ketutu <i>Goby</i>	Belut <i>Eel</i>	Patin <i>River Catfish</i>	Toman <i>Giant Snake- head</i>	Baung <i>River Catfish</i>	Pelbagai <i>Miscell- aneous</i>
Perlis	4.50	4.50	0.00	0.00	20.00	4.50	4.50	8.00	4.50	0.00	0.00	0.00	0.00	0.00	4.56
Kedah	4.50	5.71	4.50	4.50	20.17	4.50	5.00	11.83	5.71	30.00	0.00	5.00	0.00	8.50	3.00
Pulau Pinang	5.58	0.00	0.00	0.00	27.59	0.00	5.45	13.67	5.10	0.00	6.35	0.00	0.00	0.00	0.00
Perak	5.76	6.24	6.32	4.24	28.08	4.78	5.50	10.00	5.15	50.26	5.61	6.29	3.82	11.21	3.07
Selangor	6.47	6.04	6.34	4.13	25.84	4.94	6.44	9.70	4.90	55.58	0.00	4.79	8.41	11.18	5.31
Negeri Sembilan	5.95	6.45	6.04	4.26	31.02	4.82	5.79	8.72	5.89	50.00	0.00	5.53	0.00	11.63	5.38
Melaka	5.11	5.36	4.85	3.00	26.93	3.90	5.30	5.87	4.50	37.25	0.00	4.28	0.00	0.00	7.00
Johor	4.61	5.27	5.05	5.00	25.78	4.71	6.24	8.68	5.05	52.87	0.00	6.00	7.45	11.93	6.74
Pahang	7.92	6.58	6.75	5.75	29.08	4.00	7.29	14.42	4.96	37.50	16.80	10.00	6.92	17.58	6.00
Terengganu	5.31	5.36	5.95	5.92	19.30	5.65	5.69	8.87	5.89	31.37	0.00	7.65	4.87	10.76	4.68
Kelantan	6.71	7.43	7.43	5.72	19.00	5.76	6.09	10.14	5.64	30.96	0.00	6.48	5.67	10.33	5.66
Sarawak	9.00	8.00	0.00	0.00	18.00	8.00	8.50	10.00	13.00	0.00	0.00	9.00	0.00	14.00	0.00
Sabah	8.00	10.00	10.00	8.00	12.00	8.00	10.00	12.00	8.00	40.00	0.00	10.00	0.00	7.00	6.00
Harga Bertimbang <i>Weighted price</i>	7.27	8.74	6.54	4.38	28.90	7.75	6.63	10.33	4.99	40.12	16.80	8.22	7.37	11.31	5.50

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

MALAYSIA
HARGA BORONG IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1998
WHOLESALE PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1998
(RM/KG)

JADUAL (TABLE) 26.1

Negeri State	Slakap Barramundi	Slakap Merah Mangrove Red Snapper	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Ketam Mud Crab	Ketam Telur Berried Crabs	Udang Harimau Tiger Prawn	Kerang Cockles	Siput Sudu Mussels	Tilapia Merah Red Tilapia	Tiram Oyster	Pelbagai Miscellaneous
Perlis	10.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	20.00	0.00	0.00	6.00	0.00	0.00
Kedah	12.42	0.00	21.88	13.71	0.00	0.00	11.73	0.00	23.08	0.75	1.04	0.00	10.00	0.00
Pulau Pinang	10.43	7.93	29.46	14.42	0.00	0.00	10.72	21.42	23.92	0.70	0.00	5.00	14.50	10.83
Perak	12.94	9.96	28.31	13.13	0.00	0.00	12.26	0.00	29.04	0.80	0.00	6.00	0.00	10.83
Selangor	11.87	8.51	18.84	11.68	0.00	0.00	11.97	0.00	27.83	0.73	0.97	4.80	0.00	30.53
Negeri Sembilan	10.50	0.00	14.50	14.00	0.00	0.00	0.00	0.00	27.70	0.00	1.30	0.00	0.00	0.00
Melaka	10.67	0.00	0.00	12.50	0.00	0.00	0.00	0.00	29.67	1.00	0.82	5.00	0.00	5.00
Johor	12.95	0.00	25.44	13.39	16.21	29.58	8.23	0.00	29.61	0.00	0.44	5.00	27.17	12.22
Pahang	13.71	0.00	14.75	9.08	7.92	0.00	7.25	0.00	19.83	0.52	0.00	7.58	0.00	0.00
Terengganu	10.89	0.00	23.73	0.00	0.00	14.20	6.29	0.00	21.50	0.00	0.00	4.84	12.58	0.00
Kelantan	9.53	0.00	12.88	0.00	10.00	30.67	6.13	0.00	24.79	0.00	0.00	5.97	11.25	0.00
Sarawak	8.84	0.00	0.00	0.00	0.00	0.00	10.78	0.00	31.69	0.00	0.00	0.00	0.00	6.91
Sabah	0.00	0.00	53.00	0.00	0.00	0.00	0.00	0.00	35.00	0.00	2.00	0.00	30.00	80.00
Harga Bertimbang Weighted Price	11.70	8.27	36.09	13.20	16.08	29.57	11.99	21.42	29.27	0.77	0.60	5.25	23.64	24.13

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

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

JADUAL (TABLE) 26.2

MALAYSIA
HARGA RUNCIT IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1998
RETAIL PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1998
(RM/KG)

Negeri State	Siakap <i>Barramundi</i>	Siakap Merah <i>Mangrove Red Snapper</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>	Ketam Telur <i>Berried Crabs</i>	Udang Harimau <i>Tiger Prawn</i>	Kerang <i>Cockles</i>	Siput Sudu <i>Mussels</i>	Tilapia Merah <i>Red Tilapia</i>	Tiram <i>Oyster</i>	Pelbagai <i>Miscellaneous</i>
Perlis	12.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	26.00	0.00	0.00	8.00	0.00	0.00
Kedah	14.46	0.00	24.46	15.00	0.00	0.00	14.55	0.00	26.29	1.20	1.54	0.00	15.00	0.00
Pulau Pinang	13.30	10.38	31.36	16.25	0.00	0.00	12.19	21.92	27.86	0.81	0.00	6.00	14.50	10.83
Perak	15.43	12.81	33.27	15.50	0.00	0.00	15.74	0.00	35.56	1.33	0.00	7.75	0.00	10.83
Selangor	12.49	10.45	21.86	13.97	0.00	0.00	14.28	0.00	31.70	1.35	1.50	6.43	0.00	33.09
Negeri Sembilan	13.00	0.00	18.00	18.00	0.00	0.00	0.00	0.00	31.00	0.00	1.48	0.00	0.00	0.00
Melaka	12.08	0.00	0.00	14.00	0.00	0.00	0.00	0.00	30.83	1.19	1.00	5.75	0.00	5.00
Johor	15.74	0.00	29.30	16.45	18.46	34.76	10.50	0.00	33.23	0.00	0.72	6.88	30.42	16.44
Pahang	16.96	0.00	19.92	13.33	11.33	0.00	11.33	0.00	26.00	0.81	0.00	12.17	0.00	0.00
Terengganu	10.89	0.00	23.73	0.00	0.00	16.00	6.29	0.00	21.50	0.00	0.00	4.84	12.58	0.00
Kelantan	11.57	0.00	14.25	0.00	12.00	33.58	7.54	0.00	27.21	0.00	0.00	6.91	12.25	0.00
Sarawak	12.89	0.00	0.00	0.00	0.00	0.00	14.38	0.00	36.45	0.00	0.00	0.00	0.00	10.80
Sabah	0.00	0.00	53.00	0.00	0.00	0.00	0.00	0.00	35.00	0.00	2.00	0.00	30.00	80.00
Harga Bertimbang <i>Weighted Price</i>	14.07	10.56	38.44	15.83	18.31	34.75	15.41	21.92	32.87	1.25	0.85	6.41	23.97	26.65

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

MALAYSIA
PENGELUARAN IKAN HIASAN MENGIKUT NEGERI, 1998
PRODUCTION OF ORNAMENTAL FISH BY STATE, 1998
(BILANGAN DALAM EKOR / NUMBER IN PIECES)

JADUAL (TABLE) 27.1

Negeri/Kumpulan State/Group	Cyprinids Barb/Danio	Cyprinids Goldfish/Koi	Anabantids	Poeciliids	Characins	Cichlids	Osteoglossids	Catfish	Loach	Aquatic Plants	Lain-Lain Others	Jumlah Total
Pertlis	0	0	0	0	0	0	0	0	0	0	0	0
Kedah	0	10	0	29,360	0	0	0	2,000	0	0	0	31,370
Pulau Pinang	556,069	118,805	206,540	1,437,837	103,270	4,530,448	6,885	752,018	0	0	0	7,711,872
Perak	26,697,060	35,324,432	391,562	5,012,020	0	2,975,896	0	0	0	0	0	70,400,970
Selangor	3,177,696	6,179,573	0	2,013,166	742,092	606,993	38,056	1,056,059	0	0	1,331,965	15,145,600
Negeri Sembilan	10,950	17,300	0	27,000	4,500	5,500	0	0	0	0	0	65,250
Melaka	1,000	61,000	0	20,000	0	23,000	0	0	0	0	500	105,500
Johor	47,682,540	21,800,154	11,944,410	96,458,506	12,740,674	5,357,337	264,996	2,297,504	0	32,088,232	434,698	231,069,051
Pahang	0	0	0	0	0	0	0	0	0	0	0	0
Terengganu	0	0	0	0	0	0	0	0	0	0	0	0
Kelantan	0	0	0	11,263	0	0	0	0	0	0	0	11,263
Sarawak												0
Sabah	0	664	0	1,249	0	107	0	50	0	0	24	2,094
Jumlah/Total	78,125,315	63,501,938	12,542,512	105,010,401	13,590,536	13,499,281	309,937	4,107,631	0	32,088,232	1,767,187	324,542,970

JADUAL (TABLE) 27.2

MALAYSIA
PENGELUARAN DAN NILAI IKAN HIASAN MENGIKUT NEGERI, 1998
PRODUCTION AND VALUE OF ORNAMENTAL FISH BY STATE, 1998
(BILANGAN DALAM EKOR / NUMBER IN PIECES)

Negeri State	Pengeluaran(Ekor) Production(Pieces)	Nilai (RM) Value (RM)
Perlis	0	0.00
Kedah	31,370	6,163.00
Pulau Pinang	7,711,872	3,464,554.00
Perak	70,400,970	14,940,565.00
Selangor	15,145,600	2,828,458.00
Negeri Sembilan	65,250	6,925.00
Melaka	105,500	20,887.00
Johor	231,069,051	49,120,314.00
Pahang	0	0.00
Terengganu	0	0.00
Kelantan	11,263	2,196.00
Sarawak	0	0.00
Sabah	2,094	11,419.00
Jumlah/Total	324,542,970	70,401,481.00

JADUAL (TABLE) 28.1

MALAYSIA
BILANGAN DAN PENGELUARAN PUSAT PENGELUARAN BENIH IKAN/UDANG SWASTA
MENGIKUT NEGERI, 1998
NUMBER AND PRODUCTION OF PRIVATE FISH/PRAWN FOR HATCHERY CENTRES
BY STATE, 1998

Negeri <i>State</i>	Bilangan <i>Numbers</i>	Pengeluaran (Juta Ekor) <i>Production (Million Pieces)</i>	
		Benih Udang <i>Prawn Fry</i>	Benih ikan <i>Fish Fry</i>
Perlis	2	0.00	0.00
Kedah	26	76.00	64.98
Pulau Pinang	12	200.00	2.17
Perak	35	290.02	14.84
Selangor	28	82.20	121.41
Negeri Sembilan	8	0.40	5.41
Melaka	12	2.49	15.24
Johor	13	750.41	0.00
Pahang	4	34.20	2.86
Terengganu	3	0.00	0.00
Kelantan	6	0.00	2.41
Sarawak	10	239.30	0.00
Sabah	23	602.00	0.11
Jumlah/Total	182	2,277.02	229.43

JADUAL (TABLE) 29.1

MALAYSIA
 BILANGAN DAN PENGELUARAN KILANG " FEEDMILL "
 MENGIKUT NEGERI, 1998
 NUMBER AND PRODUCTION OF FEEDMILLS
 BY STATE, 1998

Negeri <i>State</i>	Bilangan <i>Number</i>	Pengeluaran(Tan/Metrik) <i>Production (Tonnes)</i>
Perlis	1	540.00
Kedah	3	4,200.00
Pulau Pinang	1	131.83
Perak	6	22,956.00
Selangor	2	6,480.00
Negeri Sembilan	0	0.00
Melaka	1	1,200.00
Johor	3	6,695.25
Pahang	2	3,073.82
Terengganu	1	500.00
Kelantan	1	400.00
Sarawak	2	2,561.00
Sabah	8	27,231.00
Jumlah/Total	31	75,968.90