

AKUAKULTUR/TERNAKAIR

AQUACULTURE

MALAYSIA
 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, 1997
 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, 1997

JADUAL (TABLE) 13.1

Negeri State	Airtawar/Freshwater														Airpayau/Brackishwater														Jumlah Besar Pentermak Grand Total Culturist		
	Kolam Ponds			Bekas Lombong Ex-Mining Pools			Sangkar Cages			Tangki Simen Cement Tank			Kandang Ikan Pen Culture		Kolam Ponds			Sangkar Cages			Kerang Cockles		Siput Sudu Mussels			Tiram Oysters					
	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 (M2)	Bil. Pentermak No. Of Culturists	Bil. No.	Luas (M2) Area (M2)	Bil. Pentermak No. Of Culturists	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 (M2)	Bil. Pentermak No. Of Culturists	Bil. No.	Luas (M2) Area (M2)	Bil. Pentermak No. Of Culturists	Bil. No.	Luas (M2) Area (M2)	Bil. Pentermak No. Of Culturists				
Perlis	148	28.65	100	0	0.00	0	40	396.00	7	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	117
Kedah	1,432	200.41	594	0	0.00	0	0	0.00	0	24	470.62	8	0	0.00	0	878	656.72	140	2,390	25,382.57	105	1	17.98	1	5	761.07	3	22	1,460.10	2	853
Pulau Pinang	112	13.74	62	0	0.00	0	0	0.00	0	16	240.00	2	0	0.00	0	184	137.32	114	23,936	210,366.00	255	63	768.01	51	3	1,012.00	3	2	153.00	2	489
Perak	2,339	568.90	1,288	197	766.27	139	787	9,445.00	80	48	9,941.70	10	165	35.70	62	755	470.80	119	16,638	154,754.00	223	216	2,890.60	214	2	4,000.00	16	0	0.00	0	2151
Selangor	1,639	402.92	600	106	192.46	52	637	12,223.46	13	90	15,787.34	21	0	0.00	0	714	370.49	132	6,479	111,523.54	31	18	708.07	18	7	1,101.00	6	0	0.00	0	873
Negeri Sembilan	1,664	299.98	1,073	11	17.15	10	672	9,906.95	8	199	11,184.35	35	0	0.00	0	70	52.90	5	0	0.00	0	0	0.00	0	21	3,727.00	21	0	0.00	0	1152
Malaka	523	105.12	327	0	0.00	0	11	180.00	1	33	705.89	16	0	0.00	0	51	32.58	17	152	2,858.67	2	1	4.05	7	29	4,590.90	19	0	0.00	0	389
Johor	1,407	198.74	427	0	0.00	0	156	1,573.47	5	224	4,662.50	64	0	0.00	0	721	632.62	112	5,542	121,573.02	178	3	50.79	2	317	50,035.61	77	7	7,100.00	10	875
Pahang	2,707	2,351.63	1,238	3	64.00	60	2,278	31,432.12	516	77	759.39	36	0	0.00	0	245	442.86	40	15	135.00	3	0	0.00	0	0	0.00	0	0	0.00	0	1893
Terengganu	1,132	97.10	656	0	0.00	0	863	46,257.04	167	147	2,525.62	64	0	0.00	0	189	76.53	47	793	7,770.00	46	0	0.00	0	0	0.00	0	93	19,515.00	28	1008
Kelantan	1,899	196.41	1,009	0	0.00	0	105	2,455.72	22	50	3,063.01	4	599	165.01	599	169	72.07	51	611	21,181.76	110	0	0.00	0	0	0.00	0	29	1,226.69	12	1807
Sarawak	1,332	104.63	934	0	0.00	0	967	26,839.00	468	0	0.00	0	0	0.00	0	215	58.38	90	940	9,108.00	619	0	0.00	0	0	0.00	0	0	0.00	0	2111
Sabah	13,508	1,355.25	5,525	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	1,290	2,871.23	56	903	16,167.36	205	0	0.00	0	87	1,843.26	87	NA	96,624.00	126	5999
Jumlah/Total:	29,843	5,923.48	13,833	317	1,039.88	261	6,516	140,708.76	1,287	908	49,340.42	260	764	200.71	661	5,533	5,910.21	931	58,499	680,869.92	1,779	302	4,439.50	293	471	67,070.84	232	153	126,078.79	180	19,717

MALAYSIA
ANGGARAN JUMLAH PENGELUARAN IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1997
ESTIMATED PRODUCTION OF FISH, COCKLES, MUSSELS, OYSTERS AND CEMENT TANKS
BY STATE AND CULTURE SYSTEM, 1997
(KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

JADUAL (TABLE) 14.1

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	43.93	0.00	2.65	0.00	0.00	46.58	102.02	8.57	0.00	0.00	0.00	110.59	157.17
Kedah	303.46	0.00	0.00	0.50	0.00	303.96	1,224.50	56.07	208.80	25.14	5.87	1,520.38	1,824.34
Pulau Pinang	108.01	0.00	0.00	0.57	0.00	108.58	643.05	1,145.67	12,623.63	10.86	3.02	14,426.23	14,534.81
Perak	1,741.59	2,656.32	89.56	319.37	238.11	5,044.95	1,969.26	1,444.66	33,898.24	127.40	0.00	37,439.56	42,484.51
Selangor	3,266.26	162.19	186.61	630.00	0.00	4,245.06	1,060.25	1,121.12	11,589.37	8.92	0.00	13,779.66	18,024.72
Negeri Sembilan	863.01	25.82	200.57	5.12	0.00	1,094.52	141.77	0.00	0.00	37.18	0.00	178.95	1,273.47
Melaka	593.19	0.00	6.13	2.08	0.00	601.40	134.18	14.39	80.00	75.56	0.00	304.13	905.53
Johor	729.28	0.00	2.82	16.94	0.00	749.04	699.80	1,157.21	0.00	1,465.13	3.64	3,325.78	4,074.82
Pahang	9,022.32	6.25	579.55	1.20	0.00	9,609.32	878.88	0.35	0.00	0.00	0.00	879.23	10,488.55
Terengganu	148.11	0.00	808.23	9.81	0.00	966.15	97.20	11.74	0.00	0.00	41.62	150.56	1,116.71
Kelantan	633.50	0.00	7.02	12.83	1,304.79	1,958.14	116.07	51.60	0.00	0.00	0.28	167.95	2,126.09
Sarawak	153.69	0.00	0.00	0.00	0.00	153.69	417.99	108.20	0.00	0.00	0.00	526.19	679.88
Sabah	6,791.00	0.00	0.00	0.00	0.00	6,791.00	2,900.00	500.00	0.00	29.00	73.00	3,502.00	10,293.00
Jumlah/Total	24,397.35	2,850.58	1,883.14	998.42	1,542.90	31,672.39	10,384.97	5,619.58	58,400.04	1,779.19	127.43	76,311.21	107,983.60

JADUAL (TABLE) 14.2

MALAYSIA
 ANGGARAN NILAI BORONG IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
 MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1997
 ESTIMATED WHOLESALE VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
 BY STATE AND CULTURE SYSTEM, 1997
 (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	170.01	0.00	8.30	0.00	0.00	178.31	1,788.45	102.15	0.00	0.00	0.00	1,890.60	2,068.91
Kedah	1,154.72	0.00	0.00	0.00	1.94	1,156.66	27,790.32	950.02	154.51	30.17	58.70	28,983.72	30,140.38
Pulau Pinang	377.31	0.00	0.00	0.00	1.84	379.15	12,257.94	15,883.30	9,215.25	8.15	40.26	37,404.90	37,784.05
Perak	7,622.59	9,605.46	600.45	945.77	1,275.34	20,049.61	34,818.01	21,276.70	23,050.81	127.40	0.00	79,272.92	99,322.53
Selangor	12,760.68	673.78	915.29	0.00	3,046.17	17,395.92	21,781.51	19,237.89	8,576.13	6.69	0.00	49,602.22	66,998.14
Negeri Sembilan	3,318.01	87.39	701.16	0.00	17.65	4,124.21	3,417.43	0.00	0.00	48.33	0.00	3,465.76	7,589.97
Melaka	2,288.07	0.00	23.81	0.00	7.89	2,319.77	3,216.38	163.33	80.00	60.45	0.00	3,520.16	5,839.93
Johor	4,787.00	0.00	12.27	0.00	60.17	4,859.44	15,119.17	16,072.61	0.00	512.80	82.52	31,787.10	36,646.54
Pahang	121,143.64	23.70	3,305.70	0.00	4.12	124,477.16	17,476.31	4.03	0.00	0.00	0.00	17,480.34	141,957.50
Terengganu	796.61	0.00	4,474.45	0.00	41.96	5,313.02	1,725.49	123.97	0.00	0.00	487.79	2,337.25	7,650.27
Kelantan	3,299.44	0.00	68.01	6,615.55	52.54	10,035.54	2,628.76	498.27	0.00	0.00	2.80	3,129.83	13,165.37
Sarawak	869.44	0.00	0.00	0.00	0.00	869.44	10,418.46	973.80	0.00	0.00	0.00	11,392.26	12,261.70
Sabah	48,501.00	0.00	0.00	0.00	0.00	48,501.00	72,500.00	25,000.00	0.00	116.00	1,496.50	99,112.50	147,613.50
Jumlah/Total	207,088.52	10,390.33	10,109.44	7,561.32	4,509.62	239,659.23	224,938.23	100,286.07	41,076.70	909.99	2,168.57	369,379.56	609,038.79

MALAYSIA
 ANGGARAN NILAI RUNCIT IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
 MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1997
 ESTIMATED RETAIL VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
 BY STATE AND CULTURE SYSTEM, 1997
 (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	241.93	0.00	12.08	0.00	0.00	254.01	2,167.56	133.18	0.00	0.00	0.00	2,300.74	2,554.75
Kedah	1,655.38	0.00	0.00	0.00	2.87	1,658.25	31,869.12	1,104.10	208.80	50.28	88.05	33,320.35	34,978.60
Pulau Pinang	456.64	0.00	0.00	0.00	2.27	458.91	13,518.39	17,871.93	12,497.39	12.81	40.26	43,940.78	44,399.69
Perak	10,822.36	14,062.50	827.32	1,368.28	1,795.88	28,876.34	51,700.38	26,163.89	43,389.75	229.32	0.00	121,483.34	150,359.68
Selangor	18,950.09	928.73	1,171.38	0.00	3,926.08	24,976.28	25,998.50	22,161.03	13,791.35	12.67	0.00	61,963.55	86,939.83
Negeri Sembilan	4,941.61	132.86	1,056.07	0.00	28.62	6,159.16	4,115.27	0.00	0.00	55.77	0.00	4,171.04	10,330.20
Melaka	3,096.38	0.00	31.67	0.00	10.87	3,138.92	3,418.26	187.07	96.00	75.56	0.00	3,776.89	6,915.81
Johor	6,167.42	0.00	16.34	0.00	84.42	6,268.18	17,313.51	18,832.53	0.00	1,084.20	98.28	37,328.52	43,596.70
Pahang	126,014.86	35.13	4,167.13	0.00	6.14	130,223.26	20,982.61	5.08	0.00	0.00	0.00	20,987.69	151,210.95
Terengganu	1058.17	0.00	5,971.04	0.00	61.27	7,090.48	2,021.72	159.80	0.00	0.00	569.36	2,750.88	9,841.36
Kelantan	4,419.72	0.00	84.05	8,627.39	71.97	13,203.13	2,892.65	630.37	0.00	0.00	3.36	3,526.38	16,729.51
Sarawak	1374.61	0.00	0.00	0.00	0.00	1,374.61	1,760.95	1,298.40	0.00	0.00	0.00	3,059.35	4,433.96
Sabah	56,086.00	0.00	0.00	0.00	0.00	56,086.00	87,000.00	27,000.00	0.00	130.50	1,533.00	115,663.50	171,749.50
Jumlah/Total	235,285.17	15,159.22	13,337.08	9,995.67	5,990.39	279,767.53	264,758.92	115,547.38	69,983.29	1,651.11	2,332.31	454,273.01	734,040.54

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG, TANGKI SIMEN DAN KANDANG MENGIKUT SPESIS IKAN, 1997
 ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS, CEMENT TANKS AND PEN CULTURE BY SPECIES, 1997
 (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	1,426.63	176.71	8.10	16.09	459.43	2,086.96
Lee Koh Common Carp	743.04	186.55	0.06	0.00	58.80	988.45
Kap Rumput Grass Carp	568.10	220.77	7.05	0.00	9.68	805.60
Kap Kepala Besar Big Head Carp	91.25	623.48	0.00	0.00	16.77	731.50
Udang Galah Giant Freshwater Prawn	142.90	0.00	0.00	0.00	0.00	142.90
Tilapia Hitam Black Tilapia	4,196.64	124.88	2.51	0.97	8.17	4,333.17
Tilapia Merah Red Tilapia	4,929.06	949.78	1,170.07	891.23	665.37	8,605.51
Jelawat River Carp	326.79	32.75	11.22	0.00	6.05	376.81
Kell Freshwater Catfish	3,884.99	135.87	0.00	86.29	68.78	4,175.93
Ketutu Goby	36.77	0.00	1.85	0.00	0.00	38.62
Belut Eel	6,620.00	0.00	0.00	0.00	0.00	6,620.00
Patin River Catfish	372.17	31.73	314.55	0.84	118.23	837.52
Toman Giant Snakehead	277.78	0.00	2.06	0.00	0.00	279.84
Baung River Catfish	336.13	26.33	325.43	0.00	95.49	783.38
Peibagal Others	445.10	341.73	40.24	3.00	36.13	866.20
Jumlah Total	24,397.35	2,850.58	1,883.14	998.42	1,542.90	31,672.39

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG, TANGKI SIMEN DAN KANDANG MENGIKUT SPESIS IKAN, 1997
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS, CEMENT TANKS AND PEN CULTURE BY SPECIES, 1997
 (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	7,576.73	728.14	33.10	66.28	2,296.45	10,700.70
Lee Koh Common Carp	5,230.50	806.50	0.34	0.00	308.69	6,346.03
Kap Rumpit Grass Carp	2,481.89	953.97	25.59	0.00	45.55	3,507.00
Kap Kepala Besar Big Head Carp	355.35	1,702.44	0.00	0.00	45.78	2,103.57
Udang Galah Giant Freshwater Prawn	2,801.09	0.00	0.00	0.00	0.00	2,801.09
Tilapia Hitam Black Tilapia	28,688.86	411.16	8.17	3.18	25.90	29,137.27
Tilapia Merah Red Tilapia	23,665.66	3,840.76	4,956.51	4,115.80	3,084.46	39,663.19
Jelawat River Carp	2,479.29	238.38	77.88	0.00	45.70	2,841.25
Keli Freshwater Catfish	13,324.25	502.40	0.00	308.72	272.37	14,407.74
Ketutu Goby	1,412.80	0.00	48.30	0.00	0.00	1,461.10
Belut Eel	111,216.00	0.00	0.00	0.00	0.00	111,216.00
Patin River Catfish	1,803.33	138.98	2,156.99	3.46	551.19	4,653.95
Toman Giant Snakehead	1,584.90	0.00	10.30	0.00	0.00	1,595.20
Baung River Catfish	2,933.87	228.28	2,640.26	0.00	799.42	6,601.83
Pelbagai Others	1,534.00	839.32	152.00	12.18	85.81	2,623.31
Jumlah Total	207,088.52	10,390.33	10,109.44	4,509.62	7,561.32	239,659.23

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG DAN TANGKI SIMEN MENGIKUT SPESIS IKAN, 1997
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS AND CEMENT TANKS BY SPECIES, 1997
 (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	8,514.99	1,010.15	46.54	91.26	3,043.66	12,706.60
Lee Koh Common Carp	6,827.61	1,216.95	0.44	0.00	419.72	8,464.72
Kap Rumput Grass Carp	3,597.46	1,346.01	39.52	0.00	63.63	5,046.62
Kap Kepala Besar Big Head Carp	494.38	2,734.04	0.00	0.00	73.62	3,302.04
Udang Galah Giant Freshwater Prawn	3,394.32	0.00	0.00	0.00	0.00	3,394.32
Tilapia Hitam Black Tilapia	32,952.79	615.46	10.82	4.40	39.87	33,623.34
Tilapia Merah Red Tilapia	32,717.00	5,376.42	6,738.62	5,412.20	3,975.15	54,219.39
Jelawat River Carp	3,213.93	333.47	110.11	0.00	61.59	3,719.10
Keli Freshwater Catfish	20,181.57	736.81	0.00	461.88	378.29	21,758.55
Ketutu Goby	1,647.17	0.00	52.82	0.00	0.00	1,699.99
Belut Eel	111,216.00	0.00	0.00	0.00	0.00	111,216.00
Patin River Catfish	2,368.18	205.15	2,484.61	4.85	776.81	5,839.60
Toman Giant Snakehead	2,075.13	0.00	14.42	0.00	0.00	2,089.55
Baung River Catfish	3,936.39	313.33	3,640.30	0.00	1,033.62	8,923.64
Peibagai Others	2,148.25	1,271.43	198.88	15.80	129.71	3,764.07
Jumlah Total	235,285.17	15,159.22	13,337.08	5,990.39	9,995.67	279,767.53

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1997
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1997
 (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>	699.17	2,786.37	0.00	0.00	0.00	3,485.54
Kerapu <i>Grouper</i>	0.18	798.42	0.00	0.00	0.00	798.60
Jenahak <i>Mangrove Snapper</i>	0.11	1,369.41	0.00	0.00	0.00	1,369.52
Udang Putih <i>Banana Prawn</i>	139.62	0.00	0.00	0.00	0.00	139.62
Udang Harimau <i>Tiger Prawn</i>	9,374.64	0.00	0.00	0.00	0.00	9,374.64
Ketam <i>Mud Crab</i>	30.93	246.54	0.00	0.00	0.00	277.47
Tilapia Merah <i>Red Tilapia</i>	15.89	5.69	0.00	0.00	0.00	21.58
Merah <i>Red Snapper</i>	0.00	22.11	0.00	0.00	0.00	22.11
Kerang Dewasa <i>Cockles</i>	0.00	0.00	58,400.04	0.00	0.00	58,400.04
Siput Sudu <i>Mussels</i>	0.00	0.00	0.00	1,779.19	0.00	1,779.19
Tiram <i>Oysters</i>	0.00	0.00	0.00	0.00	127.43	127.43
Pelbagai <i>Others</i>	124.43	391.04	0.00	0.00	0.00	515.47
Jumlah <i>Total</i>	10,384.97	5,619.58	58,400.04	1,779.19	127.43	76,311.21

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1997
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1997
 (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	8,986.04	35,639.00	0.00	0.00	0.00	44,625.04
Kerapu Grouper	4.32	28,398.88	0.00	0.00	0.00	28,403.20
Jenahak Mangrove Snapper	1.51	18,257.78	0.00	0.00	0.00	18,259.29
Udang Putih Banana Prawn	3,539.29	0.00	0.00	0.00	0.00	3,539.29
Udang Harimau Tiger Prawn	210,696.61	0.00	0.00	0.00	0.00	210,696.61
Ketam Mud Crab	275.48	2,991.86	0.00	0.00	0.00	3,267.34
Tilapia Merah Red Tilapia	84.09	31.67	0.00	0.00	0.00	115.76
Merah Red Snapper	0.00	273.72	0.00	0.00	0.00	273.72
Kerang Dewasa Cockles	0.00	0.00	41,076.70	0.00	0.00	41,076.70
Siput Sudu Mussels	0.00	0.00	0.00	909.99	0.00	909.99
Tiram Oysters	0.00	0.00	0.00	0.00	2,168.57	2,168.57
Pelbagai Others	1,350.89	14,693.16	0.00	0.00	0.00	16,044.05
Jumlah Total	224,938.23	100,286.07	41,076.70	909.99	2,168.57	369,379.56

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1997
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1997
 (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 <i>Barramundi</i>	10,965.82	42,564.37	0.00	0.00	0.00	53,530.19
Kerapu <i>Grouper</i>	4.98	31,856.11	0.00	0.00	0.00	31,861.09
Jenahak <i>Mangrove Snapper</i>	1.79	21,749.61	0.00	0.00	0.00	21,751.40
Udang Putih <i>Banana Prawn</i>	4,117.84	0.00	0.00	0.00	0.00	4,117.84
Udang Harimau <i>Tiger Prawn</i>	247,843.17	0.00	0.00	0.00	0.00	247,843.17
Ketam <i>Mud Crab</i>	367.24	3,763.62	0.00	0.00	0.00	4,130.86
Tilapia Merah <i>Red Tilapia</i>	100.51	37.23	0.00	0.00	0.00	137.74
Merah <i>Red Snapper</i>	0.00	342.71	0.00	0.00	0.00	342.71
Kerang Dewasa <i>Cockles</i>	0.00	0.00	69,983.29	0.00	0.00	69,983.29
Siput Sudu <i>Mussels</i>	0.00	0.00	0.00	1,651.11	0.00	1,651.11
Tiram <i>Oysters</i>	0.00	0.00	0.00	0.00	2,332.31	2,332.31
Pelbagai <i>Others</i>	1,357.57	15,233.73	0.00	0.00	0.00	16,591.30
Jumlah <i>Total</i>	264,758.92	115,547.38	69,983.29	1,651.11	2,332.31	454,273.01

JADUAL(TABLE) 15.1

MALAYSIA
BILANGAN DAN LUAS KOLAM AIRTAWAR YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1997
NUMBER AND AREA OF FRESHWATER PONDS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1997

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	148	28.65	96	1	0	3	100
Kedah	1,432	200.41	569	16	2	7	594
Pulau Pinang	112	13.74	55	2	5	0	62
Perak	2,339	568.90	1,087	158	10	33	1,288
Selangor	1,639	402.92	361	149	20	70	600
Negeri Sembilan	1,664	299.98	865	167	9	32	1,073
Melaka	523	105.12	264	61	1	1	327
Johor	1,407	198.74	263	139	3	22	427
Pahang	2,707	2,351.63	1,093	117	4	24	1,238
Terengganu	1,132	97.10	647	6	0	3	656
Kelantan	1,899	196.41	996	9	0	4	1,009
Sarawak	1,332	104.63	42	86	0	806	934
Sabah	13,509	1,355.25	103	923	2	4497	5,525
Jumlah/Total:	29,843	5,923.48	6,441	1,834	56	5,502	13,833

JADUAL (TABLE) 15.2

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR
 MENGIKUT NEGERI DAN SPESIS IKAN, 1997
 ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS
 BY STATE AND SPECIES, 1997
 (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 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	0.09	0.80	0.00	0.00	2.47	9.53	6.19	0.97	17.08	0.00	0.00	0.00	0.00	0.00	6.80	43.93
Kedah	36.01	11.32	2.06	0.03	0.35	13.54	50.93	3.10	174.17	0.00	0.00	0.00	0.00	0.00	11.95	303.46
Pulau Pinang	20.04	0.00	0.00	0.00	0.00	0.00	20.90	2.73	64.34	0.00	0.00	0.00	0.00	0.00	0.00	108.01
Perak	173.60	50.10	278.70	50.59	35.33	36.22	391.70	38.09	532.30	0.35	0.00	0.00	0.00	52.90	101.71	1,741.59
Selangor	31.48	11.53	65.92	0.08	0.00	32.64	229.09	52.57	2,320.72	0.22	0.00	110.00	0.00	217.12	194.89	3,266.26
Negeri Sembilan	51.14	9.15	78.27	1.03	16.59	9.56	606.97	24.72	53.36	0.00	0.00	0.00	0.00	0.00	12.22	863.01
Melaka	7.41	0.63	9.75	0.99	9.76	28.60	40.29	8.34	411.15	1.23	0.00	75.04	0.00	0.00	0.00	593.19
Johor	2.05	1.10	2.05	0.87	13.63	5.38	103.26	0.00	264.20	33.52	0.00	26.75	217.78	40.02	18.67	729.28
Pahang	74.90	26.48	73.68	11.30	60.00	15.98	1,969.69	19.21	8.79	0.00	6,620.00	56.92	60.00	8.96	16.41	9,022.32
Terengganu	8.18	4.98	4.34	0.81	4.71	18.07	53.38	6.69	9.24	0.13	0.00	17.17	0.00	17.13	3.28	148.11
Kelantan	96.35	32.31	20.33	2.55	0.00	27.12	249.71	112.40	29.64	1.32	0.00	17.60	0.00	0.00	44.17	633.50
Sarawak	25.38	44.64	0.00	0.00	0.06	0.00	6.95	38.97	0.00	0.00	0.00	37.69	0.00	0.00	0.00	153.69
Sabah	900.00	550.00	33.00	23.00	0.00	4,000.00	1,200.00	19.00	0.00	0.00	0.00	31.00	0.00	0.00	35.00	6,791.00
Jumlah/Total:	1,426.63	743.04	568.10	91.25	142.90	4,196.64	4,929.06	326.79	3,884.99	36.77	6,620.00	372.17	277.78	336.13	445.10	24,397.35

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, 1997
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS
 BY STATE AND SPECIES, 1997
 (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	0.27	2.40	0.00	0.00	40.14	29.83	19.37	5.82	50.90	0.00	0.00	0.00	0.00	0.00	21.28	170.01
Kedah	109.47	42.45	6.18	0.09	5.59	44.01	201.68	27.13	682.75	0.00	0.00	0.00	0.00	0.00	35.37	1,154.72
Pulau Pinang	65.53	0.00	0.00	0.00	0.00	0.00	67.93	37.32	206.53	0.00	0.00	0.00	0.00	0.00	0.00	377.31
Perak	715.23	216.93	1,206.77	138.11	704.48	114.82	1,566.80	273.49	1,974.83	13.47	0.00	0.00	0.00	458.64	239.02	7,622.59
Selangor	130.01	46.00	310.48	0.22	0.00	117.50	1,127.12	427.39	7,681.58	9.39	0.00	400.40	0.00	1,869.40	641.19	12,760.68
Negeri Sembilan	176.43	31.11	262.20	2.68	350.05	26.16	2,094.05	138.43	181.42	0.00	0.00	0.00	0.00	0.00	55.48	3,318.01
Melaka	28.16	2.61	33.15	2.28	160.06	100.67	175.26	44.54	1,459.58	34.13	0.00	247.63	0.00	0.00	0.00	2,288.07
Johor	7.22	3.77	7.52	2.61	264.01	17.32	451.25	0.00	903.56	1,318.68	0.00	84.26	1,284.90	367.78	74.12	4,787.00
Pahang	299.60	105.92	294.72	33.90	1,200.00	47.94	6,893.91	153.68	26.37	0.00	111,216.00	398.44	300.00	107.52	65.64	121,143.64
Terengganu	32.31	18.52	16.97	3.09	75.74	75.35	244.48	53.12	39.36	3.60	0.00	94.95	0.00	130.53	8.59	796.61
Kelantan	485.60	182.23	13.90	11.37	0.00	115.26	1,178.63	893.58	117.37	33.53	0.00	84.66	0.00	0.00	183.31	3,299.44
Sarawak	126.90	178.56	0.00	0.00	1.02	0.00	45.18	272.79	0.00	0.00	0.00	244.99	0.00	0.00	0.00	869.44
Sabah	5,400.00	4,400.00	330.00	161.00	0.00	28,000.00	9,600.00	152.00	0.00	0.00	0.00	248.00	0.00	0.00	210.00	48,501.00
Jumlah/Total:	7,576.73	5,230.50	2,481.89	355.35	2,801.09	28,688.86	23,665.66	2,479.29	13,324.25	1,412.80	111,216.00	1,803.33	1,584.90	2,933.87	1,534.00	207,088.52

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, 1997
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS
BY STATE AND SPECIES, 1997
(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 Snake Head	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.41	3.60	0.00	0.00	49.20	42.89	27.86	7.37	79.59	0.00	0.00	0.00	0.00	0.00	31.01	241.93
Kedah	162.05	65.54	9.43	0.14	6.40	62.01	254.65	37.45	1,015.41	0.00	0.00	0.00	0.00	0.00	42.30	1,655.38
Pulau Pinang	80.56	0.00	0.00	0.00	0.00	0.00	85.90	37.32	252.86	0.00	0.00	0.00	0.00	0.00	0.00	456.64
Perak	984.31	326.65	1,702.83	222.09	916.81	176.75	2,205.27	388.52	2,890.39	17.14	0.00	0.00	0.00	629.51	362.09	10,822.36
Selangor	199.90	77.60	403.43	0.29	0.00	164.83	1,440.98	527.28	12,067.74	11.95	0.00	570.90	0.00	2,499.05	986.14	18,950.09
Negeri Sembilan	276.16	50.78	407.00	4.38	414.75	41.39	3,156.24	218.77	298.82	0.00	0.00	0.00	0.00	0.00	73.32	4,941.61
Melaka	38.16	3.62	43.88	3.07	211.30	124.41	239.76	56.55	2,014.64	45.82	0.00	315.17	0.00	0.00	0.00	3,096.38
Johor	10.02	5.34	10.25	4.64	320.44	23.89	596.84	0.00	1,297.22	1,528.18	0.00	130.54	1,655.13	490.65	94.28	6,167.42
Pahang	449.40	172.12	515.76	56.50	1,380.00	63.92	10,833.30	192.10	43.95	0.00	111,216.00	455.36	420.00	134.40	82.05	126,014.86
Terengganu	42.95	26.15	22.61	4.58	94.34	99.20	313.87	64.89	57.93	4.24	0.00	130.66	0.00	182.78	13.97	1,058.17
Kelantan	642.65	239.09	152.27	14.69	0.00	153.50	1,503.25	1,141.98	163.02	39.84	0.00	116.34	0.00	0.00	253.09	4,419.72
Sarawak	228.42	357.12	0.00	0.00	1.08	0.00	59.08	389.70	0.00	0.00	0.00	339.21	0.00	0.00	0.00	1,374.61
Sabah	5,400.00	5,500.00	330.00	184.00	0.00	32,000.00	12,000.00	152.00	0.00	0.00	0.00	310.00	0.00	0.00	210.00	56,086.00
Jumlah/Total:	8,514.99	6,827.61	3,597.46	494.38	3,394.32	32,952.79	32,717.00	3,213.93	20,181.57	1,647.17	111,216.00	2,368.18	2,075.13	3,936.39	2,148.25	235,285.17

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

MALAYSIA
BILANGAN DAN LUAS BEKAS LOMBONG YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1997
NUMBER AND AREA OF EX-MINING POOLS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1997

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	197	766.27	40	92	0	7	139
Selangor	106	192.46	33	14	1	4	52
Negeri Sembilan	11	17.15	0	9	0	1	10
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:	317	1,039.88	133	115	1	12	261

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI BEKAS LOMBONG
MENGIKUT NEGERI DAN SPESIS IKAN, 1997
ESTIMATED FISH PRODUCTION FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1997
(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	164.54	182.81	208.34	615.39	30.89	89.32	872.56	29.33	131.76	26.33	305.05	2,656.32
Selangor	11.97	3.09	6.99	5.01	0.84	35.56	57.22	3.32	4.01	0.00	34.18	162.19
Negeri Sembilan	0.00	0.00	4.34	1.48	0.00	0.00	20.00	0.00	0.00	0.00	0.00	25.82
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	0.20	0.65	1.10	1.60	0.00	0.00	0.00	0.10	0.10	0.00	2.50	6.25
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	176.71	186.55	220.77	623.48	31.73	124.88	949.78	32.75	135.87	26.33	341.73	2,850.58

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

JADUAL (TABLE)16.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN DARI IKAN BEKAS LOMBONG
MENGIKUT NEGERI DAN SPESIS IKAN, 1997
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1997
(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	677.90	791.57	902.11	1,680.01	228.28	283.14	3,490.24	210.59	488.83	135.92	716.87	9,605.46
Selangor	49.44	12.33	32.92	13.78	0.00	128.02	281.52	26.99	13.27	3.06	112.45	673.78
Negeri Sembilan	0.00	0.00	14.54	3.85	0.00	0.00	69.00	0.00	0.00	0.00	0.00	87.39
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	0.80	2.60	4.40	4.80	0.00	0.00	0.00	0.80	0.30	0.00	10.00	23.70
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:	728.14	806.50	953.97	1,702.44	228.28	411.16	3,840.76	238.38	502.40	138.98	839.32	10,390.33

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

JADUAL (TABLE)16.4

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI BEKAS LOMBONG
 MENGIKUT NEGERI DAN SPESIS IKAN, 1997
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM EX-MINING POOLS
 BY STATE AND FISH SPECIES, 1997
 (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	932.94	1,191.92	1,272.96	2,701.56	313.33	435.88	4,912.51	299.17	715.46	200.79	1,085.98	14,062.50
Selangor	76.01	20.80	42.78	18.19	0.00	179.58	359.91	33.30	20.85	4.36	172.95	928.73
Negeri Sembilan	0.00	0.00	22.57	6.29	0.00	0.00	104.00	0.00	0.00	0.00	0.00	132.86
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	1.20	4.23	7.70	8.00	0.00	0.00	0.00	1.00	0.50	0.00	12.50	35.13
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:	1,010.15	1,216.95	1,346.01	2,734.04	313.33	615.46	5,376.42	333.47	736.81	205.15	1,271.43	15,159.22

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

MALAYSIA
BILANGAN DAN LUAS SANGKAR AIRTAWAR YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1997
NUMBER AND AREA OF FRESHWATER CAGES IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1997

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	40	396.00	5	0	0	2	7
Kedah	0	0.00	0	0	0	0	0
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	787	9,445.00	69	1	0	10	80
Selangor	637	12,223.46	8	4	0	1	13
Negeri Sembilan	672	9,906.95	0	5	0	3	8
Melaka	11	180.00	0	1	0	0	1
Johor	156	1,573.47	2	0	0	3	5
Pahang	2,278	31,432.12	408	15	0	93	516
Terengganu	863	46,257.04	163	3	0	1	167
Kelantan	105	2,455.72	22	0	0	0	22
Sarawak	967	26,839.00	0	0	0	468	468
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	6,516	140,708.76	677	29	0	581	1,287

JADUAL (TABLE) 17.2

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRTAWAR
MENGIKUT NEGERI DAN SPESIS IKAN, 1997
ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES
BY STATE AND FISH SPECIES, 1997
(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	0.00	0.21	0.00	0.00	0.00	0.00	2.44	2.65
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	0.00	0.00	0.00
Perak	5.90	0.00	1.36	0.00	0.10	0.00	18.26	6.26	3.03	0.00	48.52	6.13	89.56
Selangor	0.00	0.00	0.00	0.00	0.00	0.00	184.44	0.00	2.05	0.00	0.00	0.12	186.61
Negeri Sembilan	0.00	0.00	4.70	0.00	0.00	0.00	187.00	2.80	2.07	0.00	0.00	4.00	200.57
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.00	3.22	0.00	0.00	0.80	6.13
Johor	0.00	0.00	0.00	0.00	0.00	0.00	2.42	0.00	0.20	0.00	0.05	0.15	2.82
Pahang	2.05	0.00	0.90	0.00	0.00	2.00	224.31	1.68	297.65	2.06	24.99	23.91	579.55
Terengganu	0.15	0.00	0.09	0.00	0.00	0.42	548.99	0.43	6.28	0.00	251.87	0.00	808.23
Kelantan	0.00	0.06	0.00	0.00	1.75	0.09	2.33	0.05	0.05	0.00	0.00	2.69	7.02
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	8.10	0.06	7.05	0.00	1.85	2.51	1,170.07	11.22	314.55	2.06	325.43	40.24	1,883.14

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

JADUAL (TABLE) 17.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIRTAWAR
MENGIKUT NEGERI DAN SPESIS, 1997
ESTIMATED WHOLESALE VALUE FISH PRODUCTION FROM FRESHWATER CAGES
BY STATE AND FISH SPECIES, 1997
(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	0.00	0.66	0.00	0.00	0.00	0.00	7.64	8.30
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	0.00	0.00	0.00
Perak	24.31	0.00	5.89	0.00	3.85	0.00	73.04	44.95	13.33	0.00	420.67	14.41	600.45
Selangor	0.00	0.00	0.00	0.00	0.00	0.00	907.44	0.00	7.46	0.00	0.00	0.39	915.29
Negeri Sembilan	0.00	0.00	15.75	0.00	0.00	0.00	645.15	15.68	6.42	0.00	0.00	18.16	701.16
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	9.18	0.00	10.63	0.00	0.00	4.00	23.81
Johor	0.00	0.00	0.00	0.00	0.00	0.00	10.58	0.00	0.63	0.00	0.46	0.60	12.27
Pahang	8.20	0.00	3.60	0.00	0.00	6.00	785.09	13.44	2,083.55	10.30	299.88	95.64	3,305.70
Terengganu	0.59	0.00	0.35	0.00	0.00	1.75	2,514.37	3.41	34.73	0.00	1,919.25	0.00	4,474.45
Kelantan	0.00	0.34	0.00	0.00	44.45	0.42	11.00	0.40	0.24	0.00	0.00	11.16	68.01
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	33.10	0.34	25.59	0.00	48.30	8.17	4,956.51	77.88	2,156.99	10.30	2,640.26	152.00	10,109.44

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

JADUAL (TABLE) 17.4

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIRTAWAR
MENGIKUT NEGERI DAN SPESIS IKAN, 1997
ESTIMATED RETAIL VALUE FISH PRODUCTION FROM FRESHWATER CAGES
BY STATE AND FISH SPECIES, 1997
(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	0.00	0.95	0.00	0.00	0.00	0.00	11.13	12.08
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	0.00	0.00	0.00
Perak	33.45	0.00	8.31	0.00	0.00	0.00	102.80	63.85	19.70	0.00	577.39	21.82	827.32
Selangor	0.00	0.00	0.00	0.00	0.00	0.00	1,160.13	0.00	10.64	0.00	0.00	0.61	1,171.38
Negeri Sembilan	0.00	0.00	24.44	0.00	0.00	0.00	972.40	24.78	10.45	0.00	0.00	24.00	1,056.07
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	12.55	0.00	13.52	0.00	0.00	5.60	31.67
Johor	0.00	0.00	0.00	0.00	0.00	0.00	13.99	0.00	0.98	0.00	0.61	0.76	16.34
Pahang	12.30	0.00	6.30	0.00	0.00	8.00	1,233.71	16.80	2,381.20	14.42	374.85	119.55	4,167.13
Terengganu	0.79	0.00	0.47	0.00	0.00	2.31	3,228.06	4.17	47.79	0.00	2,687.45	0.00	5,971.04
Kelantan	0.00	0.44	0.00	0.00	52.82	0.51	14.03	0.51	0.33	0.00	0.00	15.41	84.05
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	46.54	0.44	39.52	0.00	52.82	10.82	6,738.62	110.11	2,484.61	14.42	3,640.30	198.88	13,337.08

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, 1997
NUMBER AND AREA OF CEMENT TANKS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1997

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	24	470.62	8	0	0	0	8
Pulau Pinang	16	240.00	2	0	0	0	2
Perak	48	9,941.70	9	1	0	0	10
Selangor	90	15,787.34	15	6	0	0	21
Negeri Sembilan	199	11,184.35	31	1	0	3	35
Melaka	33	705.89	16	0	0	0	16
Johor	224	4,662.50	64	0	0	0	64
Pahang	77	759.39	36	0	0	0	36
Terengganu	147	2,525.62	64	0	0	0	64
Kelantan	50	3,063.01	4	0	0	0	4
Sarawak	0	0.00	0	0	0	0	0
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	908	49,340.42	249	8	0	3	260

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI TANGKI SIMEN
MENGIKUT NEGERI DAN SPESIES IKAN,1997
ESTIMATED FISH PRODUCTION OF FISH FROM CEMENT TANK
BY STATE AND FISH SPECIES,1997
(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	0.48	0.00	0.00	0.00	0.00	0.02	0.50
Pulau Pinang	0.37	0.20	0.00	0.00	0.00	0.00	0.57
Perak	13.88	289.47	0.00	0.00	16.00	0.02	319.37
Selangor	32.68	596.69	0.13	0.50	0.00	0.00	630.00
Negeri Sembilan	4.58	0.34	0.00	0.00	0.00	0.20	5.12
Melaka	1.44	0.64	0.00	0.00	0.00	0.00	2.08
Johor	12.91	1.62	0.83	0.00	0.00	1.58	16.94
Pahang	0.64	0.09	0.00	0.00	0.09	0.38	1.20
Terengganu	9.24	0.56	0.01	0.00	0.00	0.00	9.81
Kelantan	10.07	1.62	0.00	0.34	0.00	0.80	12.83
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:	86.29	891.23	0.97	0.84	16.09	3.00	998.42

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,1997
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM CEMENT TANKS
BY STATE AND FISH SPECIES,1997
(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	1.88	0.00	0.00	0.00	0.00	0.06	1.94
Pulau Pinang	1.19	0.65	0.00	0.00	0.00	0.00	1.84
Perak	51.49	1,157.88	0.00	65.92	0.00	0.05	1,275.34
Selangor	108.17	2,935.71	0.47	0.00	1.82	0.00	3,046.17
Negeri Sembilan	15.57	1.17	0.00	0.00	0.00	0.91	17.65
Melaka	5.11	2.78	0.00	0.00	0.00	0.00	7.89
Johor	44.15	7.08	2.67	0.00	0.00	6.27	60.17
Pahang	1.92	0.32	0.00	0.36	0.00	1.52	4.12
Terengganu	39.36	2.56	0.04	0.00	0.00	0.00	41.96
Kelantan	39.88	7.65	0.00	0.00	1.64	3.37	52.54
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:	308.72	4,115.80	3.18	66.28	3.46	12.18	4,509.62

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, 1997
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM CEMENT TANKS
BY STATE AND FISH SPECIES, 1997
(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	2.80	0.00	0.00	0.00	0.00	0.07	2.87
Pulau Pinang	1.45	0.82	0.00	0.00	0.00	0.00	2.27
Perak	75.37	1,629.72	0.00	90.72	0.00	0.07	1,795.88
Selangor	169.64	3,753.18	0.66	0.00	2.60	0.00	3,926.08
Negeri Sembilan	25.65	1.77	0.00	0.00	0.00	1.20	28.62
Melaka	7.06	3.81	0.00	0.00	0.00	0.00	10.87
Johor	63.39	9.36	3.69	0.00	0.00	7.98	84.42
Pahang	3.20	0.50	0.00	0.54	0.00	1.90	6.14
Terengganu	57.93	3.29	0.05	0.00	0.00	0.00	61.27
Kelantan	55.39	9.75	0.00	0.00	2.25	4.58	71.97
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:	461.88	5,412.20	4.40	91.26	4.85	15.80	5,990.39

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, 1997
NUMBER AND AREA OF PEN CULTURE IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1997

Negeri State	Kandang Ikan Pen culture		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	165	35.70	62	0	0	0	62
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	0	0.00	0	0	0	0	0
Kelantan	599	165.01	599	0	0	0	599
Sarawak	0	0.00	0	0	0	0	0
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	764	200.71	661	0	0	0	661

JADUAL (TABLE) 19.2

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KANDANG AIRTAWAR
 MENGIKUT NEGERI DAN SPESIES IKAN, 1997
 ESTIMATED FISH PRODUCTION FROM FRESHWATER PEN CULTURE
 BY STATE AND FISH SPECIES, 1997
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpot 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	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	0.00	0.00	0.00
Perak	20.74	17.50	6.43	16.77	0.00	8.17	77.90	3.11	0.00	0.00	42.68	0.00	9.18	35.63	238.11
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	438.69	41.30	3.25	0.00	0.00	0.00	587.47	2.94	68.78	0.00	75.55	0.00	86.31	0.50	1,304.79
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	459.43	58.80	9.68	16.77	0.00	8.17	665.37	6.05	68.78	0.00	118.23	0.00	95.49	36.13	1,542.90

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, 1997
 ESTIMATED WHOLESALE VALUE FISH PRODUCTION FROM FRESHWATER PEN CULTURE
 BY STATE AND FISH SPECIES, 1997
 (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	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	0.00	0.00	0.00
Perak	85.45	75.76	27.84	45.78	0.00	0.00	25.90	311.60	22.33	0.00	187.79	0.00	79.59	83.73	945.77
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	2,211.00	232.93	17.71	0.00	0.00	0.00	0.00	2,772.86	23.37	272.37	363.40	0.00	719.83	2.08	6,615.55
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	2,296.45	308.69	45.55	45.78	0.00	0.00	25.90	3,084.46	45.70	272.37	551.19	0.00	799.42	85.81	7,561.32

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

JADUAL (TABLE) 19.4

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KANDANG AIRTAWAR
 MENGIKUT NEGERI DAN SPESIS IKAN, 1997
 ESTIMATED RETAIL VALUE FISH PRODUCTION FROM FRESHWATER PEN CULTURE
 BY STATE AND FISH SPECIES, 1997
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpot 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	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	0.00	0.00	0.00
Perak	117.60	114.10	39.29	73.62	0.00	0.00	39.87	438.58	31.72	0.00	277.42	0.00	109.24	126.84	1,368.28
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	2,926.06	305.62	24.34	0.00	0.00	0.00	0.00	3,536.57	29.87	378.29	499.39	0.00	924.38	2.87	8,627.39
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	3,043.66	419.72	63.63	73.62	0.00	0.00	39.87	3,975.15	61.59	378.29	776.81	0.00	1,033.62	129.71	9,995.67

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, 1997
NUMBER AND AREA OF BRACKISHWATER PONDS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1997

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	878	656.72	81	25	1	33	140
Pulau Pinang	184	137.32	50	43	0	21	114
Perak	755	470.80	44	38	0	37	119
Selangor	714	370.49	77	31	0	24	132
Negeri Sembilan	70	52.90	1	0	0	4	5
Melaka	51	32.56	11	1	0	5	17
Johor	721	632.62	40	55	0	17	112
Pahang	245	442.86	33	4	0	3	40
Terengganu	189	76.53	44	0	0	3	47
Kelantan	169	72.07	46	3	0	2	51
Sarawak	215	58.38	75	12	0	3	90
Sabah	1,290	2,871.23	56	0	0	0	56
Jumlah/Total:	5,533	5,910.21	561	215	1	154	931

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIS IKAN, 1997
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND FISH SPECIES, 1997
 (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	0.23	0.00	0.00	2.49	99.10	0.00	0.20	0.00	102.02
Kedah	10.51	0.00	0.00	0.00	1,213.99	0.00	0.00	0.00	1,224.50
Pulau Pinang	119.90	0.00	0.00	0.00	401.60	0.00	0.65	120.90	643.05
Perak	282.10	0.00	0.00	0.00	1,681.74	5.42	0.00	0.00	1,969.26
Selangor	146.94	0.08	0.11	0.00	905.97	7.00	0.05	0.10	1,060.25
Negeri Sembilan	0.87	0.00	0.00	5.00	135.90	0.00	0.00	0.00	141.77
Melaka	2.14	0.00	0.00	0.00	130.43	0.00	1.03	0.58	134.18
Johor	61.68	0.10	0.00	132.07	498.58	5.17	0.00	2.20	699.80
Pahang	9.22	0.00	0.00	0.00	867.75	1.91	0.00	0.00	878.88
Terengganu	13.11	0.00	0.00	0.00	82.36	0.30	1.43	0.00	97.20
Kelantan	8.36	0.00	0.00	0.06	103.79	0.03	3.83	0.00	116.07
Sarawak	44.11	0.00	0.00	0.00	353.43	11.10	8.70	0.65	417.99
Sabah	0.00	0.00	0.00	0.00	2,900.00	0.00	0.00	0.00	2,900.00
Jumlah/Total	699.17	0.18	0.11	139.62	9,374.64	30.93	15.89	124.43	10,384.97

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) 20.3

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1997
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND FISH SPECIES, 1997
 (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	2.29	0.00	0.00	19.92	1,764.97	0.00	1.27	0.00	1,788.45
Kedah	123.49	0.00	0.00	0.00	27,666.83	0.00	0.00	0.00	27,790.32
Pulau Pinang	1,535.92	0.00	0.00	0.00	9,409.49	0.00	3.18	1,309.35	12,257.94
Perak	3,955.04	0.00	0.00	0.00	30,796.47	66.50	0.00	0.00	34,818.01
Selangor	1,791.20	1.64	1.51	0.00	19,913.22	70.07	0.26	3.61	21,781.51
Negeri Sembilan	8.87	0.00	0.00	153.75	3,254.81	0.00	0.00	0.00	3,417.43
Melaka	24.29	0.00	0.00	0.00	3,182.49	0.00	6.70	2.90	3,216.38
Johor	824.04	2.68	0.00	3,363.82	10,854.09	43.74	0.00	30.80	15,119.17
Pahang	106.03	0.00	0.00	0.00	17,355.00	15.28	0.00	0.00	17,476.31
Terengganu	135.03	0.00	0.00	0.00	1,582.14	2.01	6.31	0.00	1,725.49
Kelantan	82.85	0.00	0.00	1.80	2,521.06	0.18	22.87	0.00	2,628.76
Sarawak	396.99	0.00	0.00	0.00	9,896.04	77.70	43.50	4.23	10,418.46
Sabah	0.00	0.00	0.00	0.00	72,500.00	0.00	0.00	0.00	72,500.00
Jumlah/Total	8,986.04	4.32	1.51	3,539.29	210,696.61	275.48	84.09	1,350.89	224,938.23

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, 1997
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND FISH SPECIES, 1997
 (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	2.80	0.00	0.00	36.73	2,126.69	0.00	1.34	0.00	2,167.56
Kedah	147.56	0.00	0.00	0.00	31,721.56	0.00	0.00	0.00	31,869.12
Pulau Pinang	1,748.14	0.00	0.00	0.00	10,457.66	0.00	3.24	1,309.35	13,518.39
Perak	4,948.03	0.00	0.00	0.00	46,668.29	84.06	0.00	0.00	51,700.38
Selangor	2,164.43	1.93	1.79	0.00	23,736.41	89.81	0.33	3.80	25,998.50
Negeri Sembilan	10.92	0.00	0.00	163.25	3,941.10	0.00	0.00	0.00	4,115.27
Melaka	27.82	0.00	0.00	0.00	3,378.14	0.00	8.24	4.06	3,418.26
Johor	973.31	3.05	0.00	3,915.88	12,329.88	56.56	0.00	34.83	17,313.51
Pahang	133.69	0.00	0.00	0.00	20,826.00	22.92	0.00	0.00	20,982.61
Terengganu	174.63	0.00	0.00	0.00	1,835.80	2.67	8.62	0.00	2,021.72
Kelantan	105.17	0.00	0.00	1.98	2,758.74	0.22	26.54	0.00	2,892.65
Sarawak	529.32	0.00	0.00	0.00	1,062.90	111.00	52.20	5.53	1,760.95
Sabah	0.00	0.00	0.00	0.00	87,000.00	0.00	0.00	0.00	87,000.00
Jumlah/Total	10,965.82	4.98	1.79	4,117.84	247,843.17	367.24	100.51	1,357.57	264,758.92

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,1997
NUMBER AND AREA OF BRACKISHWATER CAGES IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1997

Negeri State	Sangkar Airpayau Brackishwater Cages		Bilangan Penternak No. Of Culturists				
	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	2,390	25,382.57	85	18	0	2	105
Pulau Pinang	23,936	210,366.00	92	154	3	6	255
Perak	16,638	154,754.00	38	181	1	3	223
Selangor	6,479	111,523.54	1	30	0	0	31
Negeri Sembilan	0	0.00	0	0	0	0	0
Melaka	152	2,658.67	0	1	0	1	2
Johor	5,542	121,573.02	79	96	1	2	178
Pahang	15	135.00	3	0	0	0	3
Terengganu	793	7,770.00	46	0	0	0	46
Kelantan	611	21,181.76	110	0	0	0	110
Sarawak	940	9,108.00	618	0	0	1	619
Sabah	903	16,167.36	205	0	0	0	205
Jumlah/Total:	58,499	680,869.92	1,277	482	5	15	1,779

JADUAL (TABLE) 21.2

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIS IKAN, 1997
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
 BY STATE AND FISH SPECIES, 1997
 (KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri <i>State</i>	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>	Tilapia Merah <i>Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	8.57	0.00	0.00	8.57
Kedah	26.13	16.49	4.38	0.00	0.00	0.00	0.00	0.00	9.07	56.07
Pulau Pinang	968.61	51.16	114.75	0.00	0.00	0.00	10.40	0.00	0.75	1,145.67
Perak	610.45	82.02	511.15	22.11	0.00	0.00	218.93	0.00	0.00	1,444.66
Selangor	608.58	159.93	179.27	0.00	0.00	0.00	6.06	0.00	167.28	1,121.12
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	14.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.39
Johor	389.92	88.54	559.86	0.00	0.00	0.00	2.58	2.37	113.94	1,157.21
Pahang	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
Terengganu	11.46	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.74
Kelantan	48.28	0.00	0.00	0.00	0.00	0.00	0.00	3.32	0.00	51.60
Sarawak	108.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.20
Sabah	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	500.00
Jumlah/Total	2,786.37	798.42	1,369.41	22.11	0.00	0.00	246.54	5.69	391.04	5,619.58

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

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

JADUAL (TABLE) 21.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN, 1997
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISWATER/MARINE CAGES
BY STATE AND FISH SPECIES, 1997
(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>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Tilapia <i>Merah Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	102.15	0.00	0.00	102.15
Kedah	307.03	524.88	63.69	0.00	0.00	0.00	0.00	0.00	54.42	950.02
Pulau Pinang	12,407.89	1,546.57	1,799.77	0.00	0.00	0.00	120.95	0.00	8.12	15,883.30
Perak	8,558.51	2,678.77	7,079.43	273.72	0.00	0.00	2,686.27	0.00	0.00	21,276.70
Selangor	7,418.59	3,268.97	2,454.21	0.00	0.00	0.00	60.66	0.00	6,035.46	19,237.89
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	163.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	163.33
Johor	5,209.33	2,373.76	6,860.68	0.00	0.00	0.00	21.83	11.85	1,595.16	16,072.61
Pahang	4.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.03
Terengganu	118.04	5.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.97
Kelantan	478.45	0.00	0.00	0.00	0.00	0.00	0.00	19.82	0.00	498.27
Sarawak	973.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	973.80
Sabah	0.00	18,000.00	0.00	0.00	0.00	0.00	0.00	0.00	7,000.00	25,000.00
Jumlah/Total	35,639.00	28,398.88	18,257.78	273.72	0.00	0.00	2,991.86	31.67	14,693.16	100,286.07

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

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

JADUAL (TABLE) 21.4

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIS IKAN, 1997
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
 BY STATE AND FISH SPECIES, 1997
 (NILAI DALAM RM '000/VALUE IN RM '000)

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>	Tilapia <i>Merah Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	133.18	0.00	0.00	133.18
Kedah	366.87	576.49	95.44	0.00	0.00	0.00	0.00	0.00	65.30	1,104.10
Pulau Pinang	14,122.33	1,641.21	1,971.41	0.00	0.00	0.00	128.86	0.00	8.12	17,871.93
Perak	10,707.29	3,079.85	8,638.44	342.71	0.00	0.00	3,395.60	0.00	0.00	26,163.89
Selangor	8,964.38	3,852.71	2,909.55	0.00	0.00	0.00	77.75	0.00	6,356.64	22,161.03
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	187.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.07
Johor	6,152.94	2,698.70	8,134.77	0.00	0.00	0.00	28.23	14.22	1,803.67	18,832.53
Pahang	5.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.08
Terengganu	152.65	7.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	159.80
Kelantan	607.36	0.00	0.00	0.00	0.00	0.00	0.00	23.01	0.00	630.37
Sarawak	1,298.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,298.40
Sabah	0.00	20,000.00	0.00	0.00	0.00	0.00	0.00	0.00	7,000.00	27,000.00
Jumlah/Total	42,564.37	31,856.11	21,749.61	342.71	0.00	0.00	3,763.62	37.23	15,233.73	115,547.38

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, 1997
NUMBER AND AREA OF COCKLE CULTURE AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1997

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	1	17.98	1	0	0	0	1
Pulau Pinang	63	768.01	2	27	0	22	51
Perak	216	2,890.60	33	151	0	30	214
Selangor	18	708.07	11	1	0	6	18
Negeri Sembilan	0	0.00	0	0	0	0	0
Melaka	1	4.05	6	1	0	0	7
Johor	3	50.79	1	1	0	0	2
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:	302	4,439.50	54	181	0	58	293

JADUAL (TABLE) 22.2

MALAYSIA
PENGELUARAN KERANG DEWASA MENGIKUT BULAN DAN NEGERI ,1997
PRODUCTION OF COCKLES BY MONTH AND STATE, 1997
(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	45.00	46.80	43.20	45.00	28.80	208.80
Pulau Pinang	1,541.93	1,241.70	732.12	742.05	1,108.79	1,676.55	953.05	844.28	788.17	787.97	1,014.60	1,192.42	12,623.63
Perak	2,807.48	2,099.35	2,870.90	3,001.88	2,939.64	2,700.52	2,755.74	2,884.38	2,888.17	2,717.75	3,004.29	3,228.14	33,898.24
Selangor	516.87	454.55	751.29	712.50	633.05	861.46	921.29	723.88	1,273.41	1,226.04	1,782.64	1,732.39	11,589.37
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	80.00	80.00
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:	4,866.28	3,795.60	4,354.31	4,456.43	4,681.48	5,238.53	4,630.08	4,497.54	4,996.55	4,774.96	5,846.53	6,261.75	58,400.04

JADUAL (TABLE) 22.3

MALAYSIA
PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI, 1997
PRODUCTION OF COCKLES SEEDS BY MONTH AND STATE, 1997
(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	45.81	63.84	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.91
Perak	93.60	0.00	244.11	63.96	0.00	165.78	5.88	0.00	0.00	0.00	0.00	0.00	573.33
Selangor	0.00	0.00	686.34	1,556.22	963.69	350.70	1,164.14	0.00	0.00	0.00	0.00	37.02	4,758.11
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:	93.60	0.00	976.26	1,684.02	964.95	516.48	1,170.02	0.00	0.00	0.00	0.00	37.02	5,442.35

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN SIPUT SUDU
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1997
NUMBER AND AREA OF MUSSEL CULTURE AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1997

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	3	1,012.00	3	0	0	0	3
Perak	2	4,000.00	16	0	0	0	16
Selangor	7	1,101.00	5	0	0	1	6
Negeri Sembilan	21	3,727.00	16	2	0	3	21
Melaka	29	4,590.90	18	0	0	1	19
Johor	317	50,035.61	53	18	0	6	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	87	1,843.26	87	0	0	0	87
Jumlah/Total:	471	67,070.84	201	20	0	11	232

JADUAL (TABLE) 23.2

MALAYSIA
PENGELUARAN SIPUT SUDU MENGIKUT BULAN DAN NEGERI, 1997
PRODUCTION OF MUSSELS BY MONTH AND STATE, 1997
(KUANTITI DALAM TAN METRIK/VALUE 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	0.37	0.00	1.81	3.36	4.63	2.57	2.08	2.62	2.36	2.41	1.85	1.08	25.14
Pulau Pinang	3.15	3.15	1.60	2.00	0.89	0.07	0.00	0.00	0.00	0.00	0.00	0.00	10.86
Perak	20.55	30.30	13.70	15.70	4.80	17.80	11.30	4.00	6.30	2.75	0.20	0.00	127.40
Selangor	1.62	1.20	1.21	1.17	0.78	0.62	0.41	0.21	0.45	0.18	0.12	0.95	8.92
Negeri Sembilan	6.10	4.73	1.80	0.80	0.00	0.00	0.00	5.60	6.20	5.80	5.80	0.35	37.18
Melaka	23.12	13.42	8.00	2.63	1.20	0.00	0.90	3.00	2.10	3.95	3.00	14.24	75.56
Johor	103.90	52.75	65.54	92.71	132.67	89.51	60.74	68.73	60.74	296.67	319.69	121.48	1,465.13
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	2.42	2.42	2.41	2.42	2.42	2.41	2.42	2.42	2.41	2.42	2.42	2.41	29.00
Jumlah/Total:	161.23	107.97	96.07	120.79	147.39	112.98	77.85	86.58	80.56	314.18	333.08	140.51	1,779.19

JADUAL(TABLE) 24.1

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN TIRAM
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1997
NUMBER AND AREA OF OYSTER CULTURE AND NUMBER
OF CULTURISTS BY RACE AND STATE, 1997

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	2	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	7,100.00	10	0	0	0	10
Pahang	0	0.00	0	0	0	0	0
Terengganu	93	19,515.00	27	0	0	1	28
Kelantan	29	1,226.69	12	0	0	0	12
Sarawak	0	0.00	0	0	0	0	0
Sabah	NA	96,624.00	126	0	0	0	126
Jumlah/Total:	153	126,078.79	178	1	0	1	180

JADUAL (TABLE) 24.2

MALAYSIA
PENGELUARAN TIRAM MENGIKUT BULAN DAN NEGERI, 1997
PRODUCTION OF OYSTER BY MONTH AND STATE, 1997
(KUANTITI DALAM TAN METRIK/VALUE 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	0.37	0.37	0.33	0.53	0.60	0.60	0.63	0.57	0.60	0.67	0.60	0.00	5.87
Pulau Pinang	0.08	0.11	0.33	0.29	0.34	0.28	0.29	0.30	0.28	0.28	0.24	0.20	3.02
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	0.14	0.26	0.27	0.42	0.26	0.24	0.34	0.35	0.36	0.36	0.32	0.32	3.64
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	2.10	1.47	3.34	2.68	3.08	3.10	3.58	3.00	3.66	5.41	5.00	5.20	41.62
Kelantan	0.00	0.00	0.00	0.00	0.07	0.00	0.05	0.00	0.00	0.11	0.05	0.00	0.28
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	6.08	6.09	6.08	6.08	6.09	6.08	6.09	6.08	6.08	6.09	6.08	6.08	73.00
Jumlah/Total:	8.77	8.30	10.35	10.00	10.44	10.30	10.98	10.30	10.98	12.92	12.29	11.80	127.43

JADUAL (TABLE) 25.1

MALAYSIA
HARGA BORONG IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1997
WHOLESALE PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1997
(RM/KG)

Jenis/Negeri Species/State	Lampam Jawa Javanese Carp	Lee Koh Lee Koh	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 Fresh- water Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant Snake- head	Baung River Catfish	Pelbagai Miscell- aneous
Perlis	3.00	3.00	0.00	0.00	16.25	3.13	3.13	6.00	2.98	0.00	0.00	0.00	0.00	0.00	3.13
Kedah	3.04	3.75	3.00	3.00	15.96	3.25	3.96	8.75	3.92	0.00	0.00	3.00	0.00	5.83	2.96
Pulau Pinang	3.27	0.00	0.00	0.00	26.08	0.00	3.25	13.67	3.21	0.00	0.00	0.00	0.00	0.00	4.44
Perak	4.12	4.33	4.33	2.73	19.94	3.17	4.00	7.18	3.71	38.48	0.00	4.40	3.12	8.67	2.35
Selangor	4.13	3.99	4.71	2.75	19.76	3.60	4.92	8.13	3.31	42.68	0.00	3.64	8.00	8.61	3.29
Negeri Sembilan	3.45	3.40	3.35	2.60	21.10	3.05	3.45	5.60	3.40	35.00	0.00	3.10	0.00	0.00	4.54
Melaka	3.80	4.15	3.40	2.30	16.40	3.52	4.35	5.34	3.55	27.75	0.00	3.30	0.00	0.00	5.00
Johor	3.52	3.43	3.67	3.00	19.37	3.22	4.37	6.72	3.42	39.34	0.00	3.15	5.90	9.19	3.97
Pahang	4.00	4.00	4.00	3.00	20.00	3.00	3.50	8.00	3.00	35.00	16.80	7.00	5.00	12.00	4.00
Terengganu	3.95	3.72	3.91	3.17	16.08	4.17	4.58	7.94	4.26	27.64	5.61	5.53	3.49	7.62	2.62
Kelantan	5.04	5.64	5.45	4.46	15.43	4.25	4.72	7.95	3.96	25.40	5.28	4.81	3.94	8.34	4.15
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	8.00	6.00	35.00	0.00	8.00	0.00	6.00	6.00
Harga Bertimbang Weighted price	5.13	6.42	4.35	2.88	19.60	6.72	4.61	7.54	3.45	37.83	16.80	5.56	5.70	8.43	3.03

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, 1997
RETAIL PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1997
(RM/KG)

Jenis/Negeri Species/State	Lampam Jawa Javanese Carp	Lee Koh Lee Koh	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 Fresh- water Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant Snake- head	Baung River Catfish	Pelbagai Miscell- aneous
Perlis	4.50	4.50	0.00	0.00	20.00	4.50	4.50	7.60	4.66	0.00	0.00	0.00	0.00	0.00	4.56
Kedah	4.50	5.79	4.58	4.63	18.29	4.58	5.00	12.08	5.83	0.00	0.00	0.00	0.00	8.50	3.54
Pulau Pinang	4.02	0.00	0.00	0.00	30.19	0.00	4.11	13.67	3.93	0.00	0.00	0.00	0.00	0.00	7.48
Perak	5.67	6.52	6.11	4.39	25.95	4.88	5.63	10.20	5.43	48.97	0.00	6.50	4.46	11.90	3.56
Selangor	6.35	6.73	6.12	3.63	25.19	5.05	6.29	10.03	5.20	54.32	0.00	5.19	8.91	11.51	5.06
Negeri Sembilan	5.40	5.55	5.20	4.25	25.00	4.33	5.20	8.85	5.60	50.00	0.00	5.05	0.00	0.00	6.00
Melaka	5.15	5.75	4.50	3.10	21.65	4.35	5.95	6.78	4.90	37.25	0.00	4.20	0.00	0.00	7.00
Johor	4.89	4.85	5.00	5.33	23.51	4.44	5.78	8.35	4.91	45.59	0.00	4.88	7.60	12.26	5.05
Pahang	6.00	6.50	7.00	5.00	23.00	4.00	5.50	10.00	5.00	40.00	16.80	8.00	7.00	15.00	5.00
Terengganu	5.25	5.25	5.21	5.65	20.38	5.49	5.88	9.70	6.27	32.58	7.72	7.61	5.17	10.67	4.26
Kelantan	6.67	7.40	7.49	5.76	18.61	5.66	6.02	10.16	5.50	30.18	7.19	6.61	5.20	10.71	5.73
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	6.00	10.00	10.00	8.00	12.00	8.00	10.00	8.00	8.00	38.00	0.00	10.00	0.00	7.00	6.00
Harga Bertimbang Weighted price	6.08	8.56	6.26	4.51	23.75	7.76	6.30	9.87	5.21	44.02	16.80	6.97	7.47	11.39	4.35

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

JADUAL (TABLE) 26.1

MALAYSIA
HARGA BORONG IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1997
WHOLESALE PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1997
(RM/KG)

Negeri State	Slakap <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>	Tilapia Merah <i>Red Tilapia</i>	Tiram <i>Oyster</i>	Pelbagai <i>Miscellaneous</i>
Perlis	9.96	0.00	0.00	0.00	8.00	11.92	17.81	0.00	0.00	6.33	0.00	0.00
Kedah	11.75	31.83	14.54	0.00	0.00	0.00	22.79	0.74	1.20	0.00	10.00	6.00
Pulau Pinang	12.81	30.23	15.51	0.00	0.00	11.63	23.43	0.73	0.75	4.89	13.33	10.83
Perak	14.02	32.66	13.85	12.38	21.75	12.27	21.88	0.68	1.00	0.00	0.00	0.00
Selangor	12.19	20.44	13.69	11.70	0.00	10.01	21.98	0.74	0.75	5.13	0.00	36.08
Negeri Sembilan	10.20	14.86	12.75	5.30	30.75	5.25	23.95	0.00	1.30	3.50	0.00	0.00
Melaka	11.35	12.00	0.00	0.00	0.00	0.00	24.40	1.00	0.80	6.50	0.00	5.00
Johor	13.36	26.81	12.29	0.00	25.47	8.46	21.77	0.00	0.35	5.00	22.67	14.00
Pahang	11.50	15.00	8.00	8.00	0.00	8.00	20.00	0.60	0.00	9.00	0.00	0.00
Terengganu	10.30	21.18	8.00	0.00	14.20	6.70	19.21	0.00	0.00	4.41	11.72	0.00
Kelantan	9.91	15.06	0.00	0.00	30.00	6.04	24.29	0.00	7.00	5.97	10.00	8.00
Sarawak	9.00	0.00	0.00	7.00	0.00	7.00	28.00	0.00	0.00	5.00	0.00	6.50
Sabah	9.00	45.00	0.00	0.00	0.00	0.00	25.00	0.00	4.00	0.00	20.50	70.00
Harga Bertimbang Weighted Price	12.80	35.57	13.33	12.38	25.35	11.78	22.48	0.70	0.51	5.36	17.02	31.13

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

**HARGA RUNCIT IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1997**
**RETAIL PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1997**
(RM/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>	Tilapia Merah <i>Red Tilapia</i>	Tiram <i>Oyster</i>	Pelbagai <i>Miscellaneous</i>
Perlis	12.17	0.00	0.00	0.00	14.75	15.54	21.46	0.00	0.00	6.69	0.00	0.00
Kedah	14.04	34.96	21.79	0.00	0.00	0.00	26.13	1.00	2.00	0.00	15.00	7.20
Pulau Pinang	14.58	32.08	17.18	0.00	0.00	12.39	26.04	0.99	1.18	4.98	13.33	10.83
Perak	17.54	37.55	16.90	15.50	24.00	15.51	27.75	1.28	1.80	0.00	0.00	0.00
Selangor	14.73	24.09	16.23	13.78	0.00	12.83	26.20	1.19	1.42	6.63	0.00	38.00
Negeri Sembilan	12.55	17.70	15.65	7.50	32.65	7.25	29.00	0.00	1.50	5.00	0.00	0.00
Melaka	13.00	14.00	0.00	0.00	0.00	0.00	25.90	1.20	1.00	8.00	0.00	7.00
Johor	15.78	30.48	14.53	0.00	29.65	10.94	24.73	0.00	0.74	6.00	27.00	15.83
Pahang	14.50	20.00	12.00	0.00	0.00	12.00	24.00	0.80	0.00	14.00	0.00	0.00
Terengganu	13.32	25.18	9.67	12.00	16.00	8.90	22.29	0.00	0.00	6.03	13.68	0.00
Kelantan	12.58	18.33	0.00	0.00	33.00	7.33	26.58	0.00	10.00	6.93	12.00	10.00
Sarawak	12.00	0.00	0.00	0.00	0.00	10.00	30.00	0.00	0.00	6.00	0.00	8.50
Sabah	0.00	50.00	0.00	0.00	0.00	0.00	30.00	0.00	4.50	0.00	21.00	70.00
Harga Bertimbang Weighted Price	15.36	39.90	15.88	15.50	29.49	14.89	26.44	1.20	0.93	6.38	18.30	32.19

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, 1997
PRODUCTION OF ORNAMENTAL FISH BY STATE, 1997
(BILANGAN DALAM EKOR / NUMBER IN PIECES)

JADUAL (TABLE) 27.1

Negeri/Kumpulan <i>State/Group</i>	Cyprinids Barb/Danio	Cyprinids Goldfish/Koi	Anabantids	Poecilids	Characins	Cichlids	Osteoglossids	Catfish	Loach	Aquatic Plants	Lain-Lain <i>Others</i>	Jumlah <i>Total</i>
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	924,620	302,784	0.00	2,273,024	117,004	11,604,835	9,132	92,462	22,830	0.00	77,052	15,423,743
Perak	24,062,063	33,110,752	2,451,241	5,425,033	912,090	3,059,300	0.00	0.00	0.00	0.00	0.00	69,020,479
Selangor	5,648,651	10,646,313	0.00	7,822,857	0.00	1,174,432	0.00	2,569,698	0.00	0.00	2,429,168	30,291,119
Negeri Sembilan	28,620	53,860	0.00	20,600	0.00	6,200	0.00	0.00	0.00	0.00	0.00	109,280
Melaka	0.00	0.00	0.00	10,300	0.00	27,450	0.00	0.00	0.00	0.00	18,700	56,450
Johor	29,196,701	36,740,668	6,092,121	63,551,688	22,224,477	18,157,252	0.00	145,258	0.00	15,397,350	2,646,601	194,152,116
Pahang	0.00	0.00	2,300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,300
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	29,100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29,100
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	161	3,800	0.00	4,505	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,466
Jumlah/Total	59,860,816	80,858,177	8,545,662	79,137,107	23,253,571	34,029,469	9,132	2,807,418	22,830	15,397,350	5,171,521	309,093,053

JADUAL (TABLE) 27.2

MALAYSIA
PENGELUARAN DAN NILAI IKAN HIASAN MENGIKUT NEGERI, 1997
PRODUCTION AND VALUE OF ORNAMENTAL FISH BY STATE, 1997

Negeri State	Pengeluaran(Ekor) Production(Pieces)	Nilai (RM) Value (RM)
Perlis	0	0.00
Kedah	0	0.00
Pulau Pinang	15,423,743	3,012,527.00
Perak	69,020,479	13,666,540.00
Selangor	30,291,119	5,636,518.00
Negeri Sembilan	109,280	11,598.00
Melaka	56,450	11,176.00
Johor	194,152,116	38,830,423.00
Pahang	2,300	448.00
Terengganu	0	0.00
Kelantan	29,100	5,674.00
Sarawak	0	0.00
Sabah	8,466	46,168.00
Jumlah/Total	309,093,053	61,221,072.00

JADUAL (TABLE) 28.1

MALAYSIA
BILANGAN DAN PENGELUARAN PUSAT PENGELUARAN BENIH IKAN/UDANG SWASTA
MENGIKUT NEGERI, 1997
NUMBER AND PRODUCTION OF PRIVATE FISH/PRAWN FYR HATCHERY CENTRES
BY STATE, 1997

Negeri State	Bilangan Numbers	Pengeluaran (Juta Ekor) Production (Million Pieces)	
		Benih Udang Prawn Fry	Benih ikan Fish Fry
Perlis	1	6.00	0.00
Kedah	17	29.85	9.95
Pulau Pinang	12	8.00	4.00
Perak	30	270.20	6.69
Selangor	18	111.40	75.80
Wilayah Persekutuan Kuala Lumpur	0	0.00	0.00
Negeri Sembilan	5	0.43	3.79
Melaka	12	1.50	24.35
Johor	12	198.60	0.25
Pahang	9	6.00	5.23
Terengganu	5	371.00	0.00
Kelantan	22	1.50	0.68
Sarawak	NA	NA	NA
Sabah	34	272.00	0.00
Jumlah/Total	177	1,276.48	130.74