

AKUAKULTUR

AQUACULTURE

MALAYSIA
ANGGARAN BILANGAN DAN LUAS KOLAM DAN SANGKAR AIR TAWAR, BEKAS LOMBONG, TANGKI SIMEN DAN KANDANG
SERTA BILANGAN PENTERNAK MENGIKUT SISTEM TERNAKAN DAN NEGERI, 2001
ESTIMATED NUMBER AND AREA OF FRESHWATER PONDS AND CAGES, EX-MINING POOLS, CEMENT TANKS, PEN CULTURE
AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 2001

Negeri State	Kolam Air Tawar Freshwater Ponds			Sangkar Air Tawar Freshwater Cages			Bekas Lombong Ex-Mining Ponds			Tangki Simen Cement Tanks			Kandang Ikan Pen Culture			Jumlah penternak Air tawar Total No. Of Freshwater Culturists
	Bil No	Luas (Ha) Area (Ha)	Bil Penternak No. Of Culturist	Bil. No.	Luas (m ²) Area (m ²)	Bil. Penternak No. Of Culturist	Bil. No.	Luas (Ha) Area (Ha)	Bil. Penternak No. Of Culturist	Bil. No.	Luas (m ²) Area (m ²)	Bil. Penternak No. Of Culturist	Bil. No.	Luas (Ha) Area (Ha)	Bil. Penternak No. Of Culturist	
Perlis	169	26.98	112	628	19,098.00	5	0	0.00	0	9	345.00	3	0	0.00	0	120
Kedah	1,731	187.98	655	671	5,362.51	23	1	4.10	1	264	1,878.04	5	23	2.02	14	698
Pulau Pinang	239	30.30	68	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	68
Perak	2,502	696.82	1,078	594	9,400.00	45	251	1,082.35	151	40	11,500.00	12	122	13.43	94	1,380
Selangor	2,230	604.19	645	127	2,736.24	9	98	226.88	58	142	28,315.66	21	0	0.00	0	733
Negeri Sembilan	1,825	408.75	1,046	540	6,720.00	4	0	0.00	0	69	3,414.51	20	0	0.00	0	1,070
Melaka	495	104.01	292	366	4,912.64	2	0	0.00	0	9	1,212.32	4	0	0.00	0	298
Johor	2,200	301.73	407	182	1,935.40	9	0	0.00	0	139	3,236.70	28	0	0.00	0	444
Pahang	2,481	612.85	1,447	3,381	41,963.91	664	10	280.16	10	37	226.64	8	0	0.00	0	2,129
Terengganu	1,240	109.46	653	164	40,578.94	234	0	0.00	0	207	3,807.56	75	6	3.00	3	965
Kelantan	1,766	192.06	959	591	16,776.00	90	0	0.00	0	54	998.74	25	469	80.69	444	1,518
Sarawak	2,464	226.22	1,731	2,750	60,000.00	149	0	0.00	0	250	1,500.00	5	0	0.00	0	1,885
Sabah	17,071	1,516.88	5,694	208	2,433.50	17	0	0.00	0	509	24,720.75	127	0	0.00	0	5,838
Jumlah/Total	36,413	5,018.23	14,787	10,202	211,917.14	1,251	360	1,593.49	220	1,729	81,155.92	333	620	99.14	555	17,146

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**ANGGARAN BILANGAN DAN LUAS KOLAM DAN SANGKAR AIR PAYAU/MASIN, KERANG, SIPUT SUDU, TIRAM DAN RUMPAI LAUT
SERTA BILANGAN PENTERNAK MENGIKUT SISTEM TERNAKAN DAN NEGERI, 2001**
ESTIMATED NUMBER AND AREA OF BRACKISHWATER/ MARINE PONDS AND CAGES, COCKLES, MUSSELS, OYSTERS AND SEaweEDS
AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 2001

Negeri State	Kolam Air Payau Brackishwater Ponds			Sangkar Air Payau Brackishwater Cages			Kerang Cockles			Siput Sudu Mussels			Tiram Oysters			Rumpai Laut Seaweeds			Jumlah pentermak Air payau Total No. Of Brackish water Culturists	Jumlah Pentermak Akuakultur Grand Total Aquaculture Culturists
	Bil. No.	Luas (Ha) Area (Ha)	Bil. Pen- ternak No. Of Cul- turst	Bil. No.	Luas (m ²) Area (m ²)	Bil. Pen- ternak No. Of Cul- turst	Bil. No.	Luas (Ha) Area (Ha)	Bil. Pen- ternak No. Of Cul- turst	Bil. No.	Luas (m ²) Area (m ²)	Bil. Pen- ternak No. Of Cul- turst	Bil. No.	Luas (m ²) Area (m ²)	Bil. Pen- ternak No. Of Cul- turst	Bil. No.	Luas (Ha) Area (Ha)	Bil. Pen- ternak No. Of Cul- turst		
Perlis	49	36.50	11	50	125.00	1	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	12	132
Kedah	980	703.16	152	3,611	42,083.98	119	5	84.01	5	18	1,500.03	5	24	2,458.32	2	0	0.00	0	283	981
Pulau Pinang	394	268.10	200	26,783	246,608.00	355	40	589.88	400	0	0.00	0	40	600.00	4	0	0.00	0	959	1,027
Perak	1,359	1,018.11	166	20,684	183,200.00	197	274	5,313.76	194	30	1,360.00	2	30	1,360.00	2	0	0.00	0	561	1,941
Selangor	848	434.44	155	6,812	114,984.05	37	25	654.07	25	0	0.00	0	0	0.00	0	0	0.00	0	217	950
Negeri Sembilan	102	81.65	5	15	140.00	1	0	0.00	0	20	3,967.61	20	0	0.00	0	0	0.00	0	26	1,096
Melaka	77	43.07	18	264	5,399.08	3	0	0.00	0	63	10,489.84	44	0	0.00	0	0	0.00	0	65	363
Johor	970	762.40	103	7,384	164,978.80	191	1	100.00	37	300	56,464.82	69	7	7,000.00	10	0	0.00	0	410	854
Pahang	564	1,027.17	18	153	5,345.00	19	1	8.00	12	0	0.00	0	0	0.00	0	0	0.00	0	49	2,178
Terengganu	275	73.51	62	1,113	17,524.52	82	0	0.00	0	0	0.00	0	81	19,549.32	24	0	0.00	0	168	1,133
Kelantan	106	40.18	46	1,191	39,793.86	181	0	0.00	0	0	0.00	0	33	2,004.10	11	0	0.00	0	238	1,756
Sarawak	1,559	961.39	150	671	6,197.52	261	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	411	2,296
Sabah	2,143	3,376.05	189	2,316	122,179.02	356		0.00	0	150	5,269.78	150	156	46,219.55	156	712	1,908.38	712	1563	7,401
Jumlah/Total	9,426	8,825.73	1,275	71,049	948,558.83	1,803	346	6,749.72	673	581	79,052.08	290	371	79,191.29	209	712	1,908.38	712	4,962	22,106

MALAYSIA
ANGGARAN JUMLAH PENGELUARAN AKUAKULTUR MENGIKUT NEGERI DAN SISTEM TERNAKAN, 2001
ESTIMATED AQUACULTURE PRODUCTION BY STATE AND CULTURE SYSTEM, 2001
(TAN METRIK/TONNES)

Negeri State	Air Tawar/Freshwater						Air Payau/Brackishwater							Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Cages	Tangki Simen Cement Tanks	Kandang Ikan Pen Culture	Jumlah Kecil Sub Total	Kolam Ponds	Sangkar Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oyster	Rumpai Laut Seaweed	Jumlah Kecil Sub Total	
Perlis	84.92	0.00	18.50	0.33	0.00	103.75	39.38	77.75	0.00	0.00	0.00	0.00	117.13	220.88
Kedah	1,036.17	3.15	81.94	4.63	5.05	1,130.94	863.93	924.80	648.68	6.10	15.27	0.00	2,458.78	3,589.72
Pulau Pinang	191.39	0.00	0.00	0.00	0.00	191.39	753.45	2,093.25	11,599.46	0.00	10.61	0.00	14,456.77	14,648.16
Perak	5,380.64	4,608.20	368.41	294.66	164.74	10,816.65	5,453.79	708.40	51,583.36	0.24	3.60	0.00	57,749.39	68,566.04
Selangor	6,335.66	265.87	22.15	399.02	0.00	7,022.70	2,251.45	804.66	6,922.06	0.00	0.00	0.00	9,978.17	17,000.87
Negeri Sembilan	1,804.76	0.00	103.50	28.96	0.00	1,937.22	317.30	0.60	0.00	5.39	0.00	0.00	323.29	2,260.51
Melaka	1,130.09	0.00	175.66	2.16	0.00	1,307.91	95.66	93.75	10.38	130.49	0.00	0.00	330.28	1,638.19
Johor	4,983.39	0.00	24.21	35.46	0.00	5,043.06	4,408.88	1,878.77	51.95	6,616.06	5.28	0.00	12,960.94	18,004.00
Pahang	6,229.44	157.48	1,011.99	3.00	0.00	7,401.91	4,777.39	16.64	0.00	0.00	0.00	0.00	4,794.03	12,195.94
Terengganu	286.70	0.00	1,238.63	45.48	5.24	1,576.05	193.06	110.05	0.00	0.00	114.87	0.00	417.98	1,994.03
Kelantan	641.71	0.00	33.93	22.83	291.54	990.01	164.94	282.06	0.00	0.00	4.85	0.00	451.85	1,441.86
Sarawak	1,530.56	0.00	73.17	5.88	0.00	1,609.61	4,189.48	51.33	0.00	0.00	0.00	0.00	4,240.81	5,850.42
Sabah	4,247.00	0.00	58.40	19.78	0.00	4,325.18	5,639.18	549.81	0.00	121.82	109.76	18,862.80	25,283.37	29,608.55
Jumlah/Total	33,882.43	5,034.70	3,210.49	862.19	466.57	43,456.38	29,147.89	7,591.87	70,815.89	6,880.10	264.24	18,862.80	133,562.79	177,019.17

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN AKUAKULTUR MENGIKUT NEGERI DAN SISTEM TERNAKAN, 2001
ESTIMATED WHOLESALE VALUE OF AQUACULTURE PRODUCTION BY STATE AND CULTURE SYSTEM, 2001
(RM ' 000)

Negeri State	Air Tawar/Freshwater						Air Payau/Brackishwater							Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Cages	Tangki Simen Cement Tanks	Kandang Ikan Pen Culture	Jumlah Kecil Sub Total	Kolam Ponds	Sangkar Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oyster	Rumpai Laut Seaweed	Jumlah Kecil Sub Total	
Perlis	267.33	0.00	74.00	1.30	0.00	342.63	773.29	1,088.50	0.00	0.00	0.00	0.00	1,861.79	2,204.42
Kedah	4,071.65	14.92	330.07	14.43	18.84	4,449.91	19,878.62	13,164.73	499.48	6.41	229.05	0.00	33,778.29	38,228.20
Pulau Pinang	591.21	0.00	0.00	0.00	0.00	591.21	12,217.23	28,920.61	8,235.62	0.00	181.22	0.00	49,554.68	50,145.89
Perak	20,937.93	15,401.50	1,542.69	1,119.98	632.19	39,634.29	138,982.22	10,503.52	41,266.69	0.21	28.80	0.00	190,781.44	230,415.73
Selangor	19,868.42	1,042.59	86.41	1,736.96	0.00	22,734.38	44,322.11	8,467.25	5,676.09	0.00	0.00	0.00	58,465.45	81,199.83
Negeri Sembilan	9,027.92	0.00	387.09	90.55	0.00	9,505.56	9,281.03	7.75	0.00	7.98	0.00	0.00	9,296.76	18,802.32
Melaka	3,330.57	0.00	762.37	8.16	0.00	4,101.10	2,536.15	485.94	12.04	130.49	0.00	0.00	3,164.62	7,265.72
Johor	22,371.03	0.00	118.13	105.36	0.00	22,594.52	112,220.19	30,322.52	41.56	2,911.07	79.20	0.00	145,574.54	168,169.06
Pahang	76,716.83	845.42	8,659.96	16.20	0.00	86,238.41	128,798.43	207.04	0.00	0.00	0.00	0.00	129,005.47	215,243.88
Terengganu	1,386.61	0.00	6,654.23	188.57	14.67	8,244.08	3,330.16	1,132.75	0.00	0.00	918.96	0.00	5,381.87	13,625.95
Kelantan	3,249.76	0.00	149.88	94.74	1,517.17	5,011.55	5,579.41	3,281.95	0.00	0.00	30.41	0.00	8,891.77	13,903.32
Sarawak	9,433.39	0.00	410.12	36.38	0.00	9,879.89	117,213.04	410.64	0.00	0.00	0.00	0.00	117,623.68	127,503.57
Sabah	34,625.00	0.00	467.20	158.24	0.00	35,250.44	191,888.84	4,733.76	0.00	243.64	219.52	7,545.12	204,630.88	239,881.32
Jumlah/Total	205,877.65	17,304.43	19,642.15	3,570.87	2,182.87	248,577.97	787,020.72	102,726.96	55,731.48	3,299.80	1,687.16	7,545.12	958,011.24	1,206,589.21

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN AKUAKULTUR MENGIKUT NEGERI DAN SISTEM TERNAKAN, 2001
ESTIMATED RETAIL VALUE OF AQUACULTURE PRODUCTION BY STATE AND CULTURE SYSTEM, 2001
(RM ' 000)

Negeri State	Air Tawar/Freshwater						Air Payau /Brackishwater							Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Cages	Tangki Simen Cement Tanks	Kandang Ikan Pen Culture	Jumlah Kecil Sub Total	Kolam Ponds	Sangkar Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oyster	Rumpai Laut Seaweed	Jumlah Kecil Sub Total	
Perlis	357.86	0.00	92.50	1.63	0.00	451.99	975.13	1,244.00	0.00	0.00	0.00	0.00	2,219.13	2,671.12
Kedah	6,324.73	20.92	463.66	24.78	27.10	6,861.19	24,804.38	16,868.35	784.90	9.82	259.59	0.00	42,727.04	49,588.23
Pulau Pinang	816.35	0.00	0.00	0.00	0.00	816.35	14,360.63	33,437.19	9,279.57	0.00	207.74	0.00	57,285.13	58,101.48
Perak	30,509.76	23,612.89	2,238.88	1,605.14	926.29	58,892.96	171,454.08	13,099.06	68,090.04	0.32	28.80	0.00	252,672.30	311,565.26
Selangor	29,749.11	1,430.19	115.55	2,343.60	0.00	33,638.45	51,169.51	9,695.83	7,752.71	0.00	0.00	0.00	68,618.05	102,256.50
Negeri Sembilan	13,202.50	0.00	602.37	149.63	0.00	13,954.50	10,842.14	8.95	0.00	10.56	0.00	0.00	10,861.65	24,816.15
Melaka	5,318.86	0.00	995.16	11.26	0.00	6,325.28	2,991.37	764.51	15.57	195.74	0.00	0.00	3,967.19	10,292.47
Johor	32,310.92	0.00	166.77	166.67	0.00	32,644.36	139,852.07	39,266.81	67.02	4,962.05	89.76	0.00	184,237.71	216,882.07
Pahang	83,454.07	1,020.45	10,038.95	20.01	0.00	94,533.48	147,095.84	252.07	0.00	0.00	0.00	0.00	147,347.91	241,881.39
Terengganu	1,658.65	0.00	8,133.81	200.48	18.18	10,011.12	3,560.47	1,347.37	0.00	0.00	1,148.70	0.00	6,056.54	16,067.66
Kelantan	4,381.03	0.00	204.29	132.19	2,031.20	6,748.71	6,123.19	3,559.17	0.00	0.00	35.11	0.00	9,717.47	16,466.18
Sarawak	13,516.64	0.00	569.90	49.35	0.00	14,135.89	146,533.40	769.95	0.00	0.00	0.00	0.00	147,303.35	161,439.24
Sabah	43,124.00	0.00	584.00	197.80	0.00	43,905.80	246,572.34	6,004.77	0.00	426.37	439.04	11,317.68	264,760.20	308,666.00
Jumlah/Total	264,724.48	26,084.45	24,205.84	4,902.54	3,002.77	322,920.08	966,334.55	126,318.03	85,989.81	5,604.86	2,208.74	11,317.68	1,197,773.67	1,520,693.75

MALAYSIA
ANGGARAN PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR TAWAR MENGIKUT SPESIS, 2001
ESTIMATED AQUACULTURE PRODUCTION FROM FRESHWATER CULTURE SYSTEM BY SPECIES, 2001
(TAN METRIK/TONNES)

Spesis Species	Sistem Ternakan Culture System					Jumlah Total
	Kolam Air Tawar Freshwater Ponds	Sangkar Air Tawar Freshwater Cages	Bekas Lombong Ex-Mining Pools	Tangki Simen Cement Tanks	Kandang Pen Culture	
Lampam Jawa Javanese Carp	833.34	17.37	147.45	0.00	14.86	1,013.02
Lee Koh Common Carp	777.49	0.12	163.38	0.00	0.00	940.99
Kap Rumpot Grass Carp	641.63	10.07	163.12	0.00	5.56	820.38
Kap Kepala Besar Big Head Carp	114.76	0.00	1,073.92	0.00	0.90	1,189.58
Udang Galah Giant Freshwater Prawn	752.00	0.00	0.00	0.00	0.00	752.00
Tilapia Hitam Black Tilapia	2,034.43	28.55	795.61	10.20	0.68	2,869.47
Tilapia Merah Red Tilapia	8,497.17	1,677.67	1,967.39	707.50	252.45	13,102.18
Jelawat River Carp	642.43	3.82	50.08	0.00	4.43	700.76
Keli Freshwater Catfish	11,614.67	0.00	9.35	129.96	0.40	11,754.38
Ketutu Goby	128.59	0.00	0.00	0.00	0.00	128.59
Belut Eel	2,358.50	0.00	0.00	0.00	0.00	2,358.50
Patin River Catfish	1,374.88	809.06	242.32	4.54	116.07	2,546.87
Toman Giant Snakehead	1,126.08	0.00	0.00	0.00	0.00	1,126.08
Baung River Catfish	261.52	507.93	0.21	0.00	52.95	822.61
Pelbagai Others	2,724.94	155.90	421.87	9.99	18.27	3,330.97
Jumlah Total	33,882.43	3,210.49	5,034.70	862.19	466.67	43,456.38

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR TAWAR MENGIKUT SPESIS, 2001
ESTIMATED WHOLESALE VALUE OF AQUACULTURE PRODUCTION FROM FRESHWATER CULTURE SYSTEM BY SPECIES, 2001
(RM ' 000)

Spesis Species	Sistem Ternakan Culture System					Jumlah Total
	Kolam Air Tawar Freshwater Ponds	Sangkar Air Tawar Freshwater Cages	Bekas Lombong Ex-Mining Pools	Tangki Simen Cement Tanks	Kandang Pen Culture	
Lampam Jawa Javanese Carp	4,351.21	76.68	644.93	0.00	65.26	5,138.08
Lee Koh Common Carp	5,355.08	0.73	656.89	0.00	0.00	6,012.70
Kap Rumput Grass Carp	3,418.38	54.26	823.26	0.00	27.97	4,323.87
Kap Kepala Besar Big Head Carp	386.07	0.00	2,663.43	0.00	2.14	3,061.64
Udang Galah Giant Freshwater Prawn	19,969.75	0.00	0.00	0.00	0.00	19,969.75
Tilapia Hitam Black Tilapia	14,562.91	209.41	2,346.76	71.94	2.33	17,193.35
Tilapia Merah Red Tilapia	42,964.41	7,667.09	7,597.98	2,993.75	1,058.17	62,281.40
Jelawat River Carp	4,412.68	22.82	299.60	0.00	25.92	4,761.02
Keli Freshwater Catfish	32,585.58	0.00	24.74	446.70	1.52	33,058.54
Ketutu Goby	5,151.11	0.00	0.00	0.00	0.00	5,151.11
Belut Eel	47,170.00	0.00	0.00	0.00	0.00	47,170.00
Patin River Catfish	6,439.51	7,496.14	981.54	16.14	474.87	15,408.20
Toman Giant Snakehead	7,130.94	0.00	0.00	0.00	0.00	7,130.94
Baung River Catfish	2,294.95	3,590.89	1.83	0.00	466.49	6,354.16
Pelbagai Others	9,685.07	524.13	1,263.47	42.34	58.20	11,573.21
Jumlah Total	205,877.65	19,642.15	17,304.43	3,570.87	2,182.87	248,577.97

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR TAWAR MENGIKUT SPESIS, 2001

ESTIMATED RETAIL VALUE OF AQUACULTURE PRODUCTION FROM FRESHWATER CULTURE SYSTEM BY SPECIES, 2001

(RM ' 000)

Spesis Species	Sistem Ternakan Culture System					Jumlah Total
	Kolam Air Tawar Freshwater Ponds	Sangkar Air Tawar Freshwater Cages	Bekas Lombong Ex-Mining Pools	Tangki Simen Cement Tanks	Kandang Pen Culture	
Lampam Jawa Javanese Carp	6,796.66	84.42	920.75	0.00	94.30	7,896.13
Lee Koh Common Carp	6,815.57	0.98	982.29	0.00	0.00	7,798.84
Kap Rumput Grass Carp	4,585.83	60.75	1,172.19	0.00	41.26	6,860.03
Kap Kepala Besar Big Head Carp	550.92	0.00	4,646.46	0.00	3.83	5,201.21
Udang Galah Giant Freshwater Prawn	23,937.76	0.00	0.00	0.00	0.00	23,937.76
Tilapia Hitam Black Tilapia	18,408.92	261.30	3,807.90	91.00	3.52	22,572.64
Tilapia Merah Red Tilapia	57,802.83	10,081.45	10,807.78	4,115.43	1,465.31	84,272.80
Jelawat River Carp	5,720.21	32.88	432.86	0.00	37.74	6,223.69
Keli Freshwater Catfish	51,908.35	0.00	38.82	614.51	2.23	52,563.91
Ketutu Goby	6,096.39	0.00	0.00	0.00	0.00	6,096.39
Belut Eel	47,170.00	0.00	0.00	0.00	0.00	47,170.00
Patin River Catfish	8,995.69	8,578.31	1,494.84	26.26	676.66	19,771.76
Toman Giant Snakehead	9,778.30	0.00	0.00	0.00	0.00	9,778.30
Baung River Catfish	3,013.89	4,391.98	2.68	0.00	598.86	8,007.41
Pelbagai Others	13,143.16	713.77	1,777.88	55.34	79.06	15,769.21
Jumlah Total	264,724.48	24,205.84	26,084.45	4,902.54	3,002.77	322,920.08

MALAYSIA

ANGGARAN PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR PAYAU/MASIN MENGIKUT SPESIS, 2001

ESTIMATED AQUACULTURE PRODUCTION FROM BRACKISHWATER CULTURE SYSTEM BY SPECIES, 2001

(TAN METRIK/TONNES)

Spesis Species	Sistem Ternakan Culture System						Jumlah Total
	Kolam Air Payau - Brackishwater Ponds	Sangkar Air Payau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Rumpai Laut (Basah) SeaweEd (wet)	
Siakap <i>Barramundi</i>	979.68	3,081.52	0.00	0.00	0.00	0.00	4,061.20
Siakap Merah <i>Mangrove Red Snapper</i>	0.00	681.64	0.00	0.00	0.00	0.00	681.64
Banding <i>Milkfish</i>	113.35	0.00	0.00	0.00	0.00	0.00	113.35
Kerapu <i>Grouper</i>	74.30	1,026.86	0.00	0.00	0.00	0.00	1,101.16
Jenahak <i>Mangrove Snapper</i>	160.83	1,326.98	0.00	0.00	0.00	0.00	1,487.81
Udang Putih <i>Banana Prawn</i>	661.94	0.00	0.00	0.00	0.00	0.00	661.94
Udang Harimau <i>Tiger Prawn</i>	26,351.29	0.00	0.00	0.00	0.00	0.00	26,351.29
Ketam <i>Mud Crab</i>	2.17	201.24	0.00	0.00	0.00	0.00	203.41
Ketam Telur <i>Berried crabs</i>	0.00	15.39	0.00	0.00	0.00	0.00	15.39
Tilapia Merah <i>Red Tilapia</i>	162.57	118.94	0.00	0.00	0.00	0.00	281.51
Merah <i>Red Snapper</i>	0.00	561.48	0.00	0.00	0.00	0.00	561.48
Kerang Dewasa <i>Cockles</i>	0.00	0.00	70,815.89	0.00	0.00	0.00	70,815.89
Siput sudu <i>Mussels</i>	0.00	0.00	0.00	6,880.10	0.00	0.00	6,880.10
Tiram <i>Oysters</i>	0.00	0.00	0.00	0.00	264.24	0.00	264.24
Rumpai laut <i>Seaweed</i>	0.00	0.00	0.00	0.00	0.00	18,862.80	18,862.80
Pelbagai <i>Others</i>	641.76	577.82	0.00	0.00	0.00	0.00	1,219.58
Jumlah <i>Total</i>	29,147.89	7,591.87	70,815.89	6,880.10	264.24	18,862.80	133,562.79

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR PAYAU/MASIN MENGIKUT SPESIS, 2001

ESTIMATED WHOLESALE VALUE OF AQUACULTURE PRODUCTION FROM BRACKISHWATER CULTURE SYSTEM BY SPECIES, 2001

(RM ' 000)

Spesis Species	Sistem Ternakan Culture System						Jumlah Total
	Kolam Air Payau Brackishwater Ponds	Sangkar Air Payau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Rumpai Laut (basah) Seaweed (wet)	
Siakap <i>Barramundi</i>	11,707.44	36,159.21	0.00	0.00	0.00	0.00	47,866.65
Siakap Merah <i>Mangrove Red Snapper</i>	0.00	7,612.04	0.00	0.00	0.00	0.00	7,612.04
Banding <i>Milkfish</i>	1,182.24	0.00	0.00	0.00	0.00	0.00	1,182.24
Kerapu <i>Grouper</i>	2,069.10	21,985.12	0.00	0.00	0.00	0.00	24,054.22
Jenahak <i>Mangrove Snapper</i>	2,346.34	18,847.05	0.00	0.00	0.00	0.00	21,193.39
Udang Putih <i>Banana Prawn</i>	18,938.31	0.00	0.00	0.00	0.00	0.00	18,938.31
Udang Harimau <i>Tiger Prawn</i>	744,795.83	0.00	0.00	0.00	0.00	0.00	744,795.83
Ketam <i>Mud Crab</i>	10.67	2,859.11	0.00	0.00	0.00	0.00	2,869.78
Ketam Telur <i>Berried crabs</i>	0.00	301.34	0.00	0.00	0.00	0.00	301.34
Tilapia Merah <i>Red Tilapia</i>	1,039.80	598.66	0.00	0.00	0.00	0.00	1,638.46
Merah <i>Red Snapper</i>	0.00	7,728.03	0.00	0.00	0.00	0.00	7,728.03
Kerang Dewasa <i>Cockles</i>	0.00	0.00	55,731.48	0.00	0.00	0.00	55,731.48
Siput sudu <i>Mussels</i>	0.00	0.00	0.00	3,299.80	0.00	0.00	3,299.80
Tiram <i>Oysters</i>	0.00	0.00	0.00	0.00	1,687.16	0.00	1,687.16
Rumpai laut <i>Seaweed</i>	0.00	0.00	0.00	0.00	0.00	7,545.12	7,545.12
Pelbagai <i>Others</i>	4,930.99	6,636.40	0.00	0.00	0.00	0.00	11,567.39
Jumlah <i>Total</i>	787,020.72	102,726.96	55,731.48	3,299.80	1,687.16	7,545.12	958,011.24

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR PAYAU/MASIN MENGIKUT SPESIS, 2001

ESTIMATED RETAIL VALUE OF AQUACULTURE PRODUCTION FROM BRACKISHWATER CULTURE SYSTEM BY SPECIES, 2001

(RM ' 000)

Spesis Species	Sistem Ternakan Culture System						Jumlah Total
	Kolam Air Payau Brackishwater Ponds	Sangkar Air Payau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Rumpai Laut (basah) Seaweed (wet)	
Siakap							
<i>Barramundi</i>	14,628.41	44,775.32	0.00	0.00	0.00	0.00	59,403.73
Siakap Merah							
<i>Mangrove Red Snapper</i>	0.00	8,863.72	0.00	0.00	0.00	0.00	8,863.72
Banding							
<i>Milkfish</i>	1,182.24	0.00	0.00	0.00	0.00	0.00	1,182.24
Kerapu							
<i>Grouper</i>	2,486.18	26,295.32	0.00	0.00	0.00	0.00	28,781.50
Jenahak							
<i>Mangrove Snapper</i>	3,081.08	24,047.36	0.00	0.00	0.00	0.00	27,128.44
Udang Putih							
<i>Banana Prawn</i>	25,240.35	0.00	0.00	0.00	0.00	0.00	25,240.35
Udang Harimau							
<i>Tiger Prawn</i>	912,235.28	0.00	0.00	0.00	0.00	0.00	912,235.28
Ketam							
<i>Mud Crab</i>	14.56	3,510.73	0.00	0.00	0.00	0.00	3,525.29
Ketam Telur							
<i>Berried crabs</i>	0.00	361.67	0.00	0.00	0.00	0.00	361.67
Tilapia Merah							
<i>Red Tilapia</i>	1,226.53	900.19	0.00	0.00	0.00	0.00	2,126.72
Merah							
<i>Red Snapper</i>	0.00	8,768.60	0.00	0.00	0.00	0.00	8,768.60
Kerang Dewasa							
<i>Cockles</i>	0.00	0.00	85,989.81	0.00	0.00	0.00	85,989.81
Siput sudu							
<i>Mussels</i>	0.00	0.00	0.00	5,604.86	0.00	0.00	5,604.86
Tiram							
<i>Oysters</i>	0.00	0.00	0.00	0.00	2,208.74	0.00	2,208.74
Rumpai laut							
<i>Seaweed</i>	0.00	0.00	0.00	0.00	0.00	11,317.68	11,317.68
Pelbagai							
<i>Others</i>	6,239.92	8,795.12	0.00	0.00	0.00	0.00	15,035.04
Jumlah Total	966,334.55	126,318.03	85,989.81	5,604.86	2,208.74	11,317.68	1,197,773.67

MALAYSIA
BILANGAN DAN LUAS KOLAM AIR TAWAR YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001
NUMBER AND AREA OF FRESHWATER PONDS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Kolam Air Tawar Freshwater Ponds		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (Ha) Area(Ha)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	169	26.98	110	2	0	0	112
Kedah	1,731	187.98	628	19	0	8	655
Pulau Pinang	239	30.30	49	13	3	3	68
Perak	2,502	696.82	907	150	8	13	1,078
Selangor	2,230	604.19	381	165	31	68	645
Negeri Sembilan	1,825	408.75	875	147	11	13	1,046
Melaka	495	104.01	233	55	2	2	292
Johor	2,200	301.73	239	142	4	22	407
Pahang	2,481	612.85	1,307	131	5	4	1,447
Terengganu	1,240	109.46	651	2	0	0	653
Kelantan	1,766	192.06	947	7	0	5	959
Sarawak	2,464	226.22	77	162	0	1,492	1,731
Sabah	17,071	1,516.88	113	866	0	4,715	5,694
Jumlah/Total	36,413	5,018.23	6,517	1,861	64	6,345	14,787

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KOLAM AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS BY STATE AND SPECIES, 2001
(TAN METRIK/TONNES)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpot 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	0.00	0.00	0.00	0.00	3.85	15.39	0.00	55.08	0.00	0.00	0.00	0.00	0.00	10.60	84.92
Kedah	75.96	8.58	2.75	0.00	24.74	40.61	148.16	2.85	697.96	0.00	0.00	4.31	0.00	6.46	23.79	1,036.17
Pulau Pinang	1.10	0.00	0.00	0.00	3.25	0.00	13.52	0.00	169.97	0.00	0.00	0.00	0.00	0.00	3.55	191.39
Perak	147.31	120.18	207.94	35.96	89.74	4.21	2,136.86	58.93	2,193.57	0.06	0.00	160.37	0.00	15.10	210.41	5,380.64
Selangor	129.01	73.45	66.53	38.26	0.80	151.63	475.41	74.17	4,254.82	4.17	0.00	443.13	0.00	138.62	485.66	6,335.66
Negeri Sembilan	92.64	12.57	88.80	0.24	108.85	39.75	1,148.73	4.48	188.92	0.00	0.00	50.00	0.00	0.00	69.78	1,804.76
Melaka	18.60	0.70	8.98	0.00	0.00	21.13	121.42	3.33	780.50	0.00	0.00	1.16	0.00	0.00	174.27	1,130.09
Johor	2.86	49.73	14.63	0.00	62.97	0.61	809.42	0.00	2,777.94	38.68	0.00	163.31	884.47	64.69	114.08	4,983.39
Pahang	99.73	117.01	163.18	25.35	405.83	37.45	1,083.51	3.64	72.41	67.86	2,358.50	112.42	237.03	0.00	1,445.52	6,229.44
Terengganu	12.52	6.94	5.87	0.00	0.12	20.73	137.70	3.47	39.95	2.77	0.00	24.17	0.00	23.92	8.54	286.70
Kelantan	74.11	11.49	13.12	0.28	10.88	70.90	149.66	41.10	112.27	3.05	0.00	85.86	0.00	12.52	56.47	641.71
Sarawak	50.50	74.84	20.83	13.67	15.82	6.56	557.39	448.46	66.28	0.00	0.00	220.15	4.58	0.21	51.27	1,530.56
Sabah	129.00	302.00	49.00	1.00	29.00	1,637.00	1,700.00	2.00	205.00	12.00	0.00	110.00	0.00	0.00	71.00	4,247.00
Jumlah/Total	833.34	777.49	641.63	114.76	752.00	2,034.43	8,497.17	642.43	11,614.67	128.59	2,358.50	1,374.88	1,126.08	261.52	2,724.94	33,882.43

Nota: Pelbagai - Termasuk ikan haruan, sepat siam dan lain lain

Note: Miscellaneous - Includes snake head, snakeskin gouramy and others

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIR TAWAR
MENGIKUT NEGERI DAN SPESIS IKAN 2001
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS
BY STATE AND FISH SPECIES, 2001
 (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 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 Snake Head	Baung River Catfish	Pelbagai Miscell- aneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	13.48	61.56	0.00	165.79	0.00	0.00	0.00	0.00	0.00	26.50	267.33
Kedah	293.97	53.11	17.02	0.00	623.20	139.29	597.08	22.60	2,170.66	0.00	0.00	27.50	0.00	56.33	70.89	4,071.65
Pulau Pinang	3.62	0.00	0.00	0.00	66.07	0.00	55.43	0.00	443.62	0.00	0.00	0.00	0.00	0.00	22.47	591.21
Perak	595.13	480.72	1,045.94	85.58	2,519.90	12.25	8,162.81	344.74	6,361.35	2.88	0.00	569.31	0.00	126.09	631.23	20,937.93
Selangor	630.86	268.09	316.02	102.92	23.33	532.22	2,087.05	535.51	11,317.82	158.29	0.00	1,187.59	0.00	1,251.74	1,456.98	19,868.42
Negeri Sembilan	361.30	49.02	345.43	0.83	2,826.83	111.70	4,296.25	21.41	589.43	0.00	0.00	178.00	0.00	0.00	247.72	9,027.92
Melaka	72.54	2.64	39.42	0.00	0.00	62.97	513.61	16.15	1,748.32	0.00	0.00	3.57	0.00	0.00	871.35	3,330.57
Johor	11.10	298.38	73.15	0.00	1,632.18	2.20	3,334.81	0.00	7,583.78	1,615.66	0.00	746.33	5,917.10	584.80	571.54	22,371.03
Pahang	577.44	638.87	887.70	130.30	11,602.68	187.25	5,850.95	40.04	181.03	2,863.69	47,170.00	1,142.19	1,180.41	0.00	4,284.28	76,716.83
Terengganu	53.84	26.37	28.18	0.00	2.04	91.83	610.01	22.56	165.39	67.39	0.00	131.00	0.00	164.09	23.91	1,386.61
Kelantan	386.11	61.36	71.37	1.13	204.22	282.89	673.47	334.14	442.34	83.20	0.00	363.19	0.00	110.30	236.04	3,249.76
Sarawak	333.30	456.52	104.15	53.31	237.30	30.83	3,121.38	3,049.53	391.05	0.00	0.00	1,210.83	33.43	1.60	410.16	9,433.39
Sabah	1,032.00	3,020.00	490.00	12.00	232.00	13,096.00	13,600.00	26.00	1,025.00	360.00	0.00	880.00	0.00	0.00	852.00	34,625.00
Jumlah/Total	4,351.21	5,355.08	3,418.38	386.07	19,969.75	14,562.91	42,964.41	4,412.68	32,585.58	5,151.11	47,170.00	6,439.51	7,130.94	2,294.95	9,685.07	205,877.65

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

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

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS BY STATE AND SPECIES, 2001
(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	Kell Freshwater Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant SnakeHead	Baung River Catfish	Pelbagai Miscell- aneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	17.33	76.95	0.00	229.13	0.00	0.00	0.00	0.00	0.00	34.45	357.86
Kedah	412.46	75.08	22.11	0.00	765.95	209.95	838.59	29.75	3,734.09	0.00	0.00	43.83	0.00	82.30	110.62	6,324.73
Pulau Pinang	4.31	0.00	0.00	0.00	79.01	0.00	70.71	0.00	635.69	0.00	0.00	0.00	0.00	0.00	26.63	816.35
Perak	908.90	724.69	1,542.91	153.19	3,127.44	20.12	11,667.26	502.08	9,849.13	3.57	0.00	928.54	0.00	187.69	894.24	30,509.76
Selangor	839.86	367.25	429.78	149.21	30.90	733.89	2,814.43	726.87	18,125.53	230.56	0.00	1,976.36	0.00	1,595.52	1,728.95	29,749.11
Negeri Sembilan	576.22	81.08	581.64	1.23	3,411.36	177.68	6,685.61	35.93	974.83	0.00	0.00	271.50	0.00	0.00	405.42	13,202.50
Melaka	99.70	3.63	49.30	0.00	0.00	83.04	670.24	21.31	3,246.88	0.00	0.00	5.03	0.00	0.00	1,139.73	5,318.86
Johor	16.59	397.84	117.04	0.00	2,000.56	3.27	4,710.82	0.00	12,334.05	1,999.76	0.00	1,094.18	8,022.14	809.27	805.40	32,310.92
Pahang	644.26	812.05	988.87	157.93	13,501.96	254.66	7,227.01	56.78	217.23	3,270.17	47,170.00	1,300.70	1,708.99	0.00	6,143.46	83,454.07
Terengganu	56.34	31.23	32.29	0.00	2.28	110.49	782.14	25.89	174.98	72.93	0.00	145.02	0.00	195.43	29.63	1,658.65
Kelantan	518.77	85.03	94.33	1.54	253.72	387.82	911.43	434.84	633.20	99.40	0.00	501.42	0.00	141.60	317.93	4,381.03
Sarawak	1,429.25	613.69	139.56	73.82	300.58	40.67	4,347.64	3,856.76	523.61	0.00	0.00	1,629.11	47.17	2.08	512.70	13,516.64
Sabah	1,290.00	3,624.00	588.00	14.00	464.00	16,370.00	17,000.00	30.00	1,230.00	420.00	0.00	1,100.00	0.00	0.00	994.00	43,124.00
Jumlah/Total	6,796.66	6,815.57	4,585.83	550.92	23,937.76	18,408.92	57,802.83	6,720.21	51,908.35	6,096.39	47,170.00	8,995.69	9,778.30	3,013.89	13,143.16	264,724.48

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, 2001
NUMBER AND AREA OF EX-MINING POOLS IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Bekas Lombong Ex-Mining Pools		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (Ha) Area(Ha)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	1	4.10	0	1	0	0	1
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	251	1,082.35	44	98	1	8	151
Selangor	98	226.88	36	14	1	7	58
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	10	280.16	9	1	0	0	10
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	360	1,593.49	89	114	2	15	220

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED FISH PRODUCTION FROM EX-MINING POOLS BY STATE AND SPECIES, 2001
(TAN METRIK/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	0.47	0.06	0.46	0.00	0.00	0.37	1.03	0.20	0.00	0.21	0.35	3.15
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	110.63	153.34	129.55	1,027.07	195.61	745.22	1,844.54	45.35	0.00	0.00	356.89	4,608.20
Selangor	15.89	6.26	16.46	8.90	25.06	49.13	109.05	4.53	8.55	0.00	22.04	265.87
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	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	20.46	3.72	16.65	37.95	21.65	0.89	12.77	0.00	0.80	0.00	42.59	157.48
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	147.45	163.38	163.12	1,073.92	242.32	795.61	1,967.39	50.08	9.35	0.21	421.87	5,034.70

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Miscellaneous-Includes snake head, snakeskin gouramy and others

Jadual(Table) 16.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM EX-MINING POOLS BY STATE AND SPECIES, 2001
(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 Miscell- aneous	Jumlah Total
Pertis	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	1.82	0.37	2.85	0.00	1.83	1.27	4.15	1.59	0.00	0.00	1.04	14.92
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	446.95	613.36	651.64	2,444.43	0.00	2,168.59	7,046.14	265.30	0.00	694.42	1,070.67	15,401.50
Selangor	77.70	22.85	78.19	23.94	0.00	172.45	478.73	32.71	22.74	67.16	66.12	1,042.59
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	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	118.46	20.31	90.58	195.06	0.00	4.45	68.96	0.00	2.00	219.96	125.64	845.42
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	644.93	656.89	823.26	2,663.43	1.83	2,346.76	7,597.98	299.60	24.74	981.54	1,263.47	17,304.43

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, 2001
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM EX-MINING POOLS BY STATE AND SPECIES, 2001
(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 Miscell- aneous	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	2.55	0.53	3.70	0.00	2.68	1.91	5.83	2.09	0.00	0.00	1.63	20.92
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	682.59	924.64	961.26	4,375.32	0.00	3,562.15	10,071.19	386.38	0.00	1,132.58	1,516.78	23,612.89
Selangor	103.44	31.30	106.33	34.71	0.00	237.79	645.58	44.39	36.42	111.77	78.46	1,430.19
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	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	132.17	25.82	100.90	236.43	0.00	6.05	85.18	0.00	2.40	250.49	181.01	1,020.45
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	920.75	982.29	1,172.19	4,646.46	2.68	3,807.90	10,807.78	432.86	38.82	1,494.84	1,777.88	26,084.45

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Miscellaneous-Includes snake head, snakeskin gouramy and others

MALAYSIA

BILANGAN DAN LUAS SANGKAR AIR TAWAR YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001
NUMBER AND AREA OF FRESHWATER CAGES IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Sangkar Air tawar Freshwater Cages		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (m2) Area(m2)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	628	19,098.00	0	0	0	5	5
Kedah	671	5,362.51	18	0	0	5	23
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	594	9,400.00	43	2	0	0	45
Selangor	127	2,736.24	5	0	0	4	9
Negeri Sembilan	540	6,720.00	1	3	0	0	4
Melaka	366	4,912.64	0	1	0	1	2
Johor	182	1,935.40	5	2	0	2	9
Pahang	3381	41,963.91	522	8	0	134	664
Terengganu	164	40,578.94	229	4	1	0	234
Kelantan	591	16,776.00	90	0	0	0	90
Sarawak	2,750	60,000.00	65	0	0	84	149
Sabah	208	2,433.50	11	3	0	3	17
Jumlah/Total	10,202	211,917.14	989	23	1	238	1,251

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 2001
(TAN METRIK/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	18.50	0.00	0.00	0.00	0.00	0.00	18.50
Kedah	0.00	0.00	0.00	0.00	0.00	0.24	81.70	0.00	0.00	0.00	0.00	0.00	81.94
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	1.25	0.00	0.00	0.00	0.00	0.00	215.34	3.55	19.44	0.00	44.63	84.20	368.41
Selangor	0.00	0.00	0.00	0.00	0.00	0.00	14.66	0.05	1.98	0.00	0.00	5.46	22.15
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	103.50	0.00	0.00	0.00	0.00	0.00	103.50
Melaka	0.00	0.00	0.50	0.00	0.00	0.00	149.92	0.00	0.10	0.00	0.00	25.14	175.66
Johor	0.00	0.00	0.00	0.00	0.00	0.00	14.10	0.00	2.76	0.00	2.63	4.72	24.21
Pahang	1.03	0.00	9.56	0.00	0.00	0.00	315.63	0.00	668.99	0.00	4.32	12.46	1,011.99
Terengganu	14.23	0.00	0.00	0.00	0.00	4.45	641.64	0.06	98.70	0.00	456.35	23.20	1,238.63
Kelantan	0.86	0.00	0.01	0.00	0.00	0.50	18.58	0.16	13.38	0.00	0.00	0.44	33.93
Sarawak	0.00	0.12	0.00	0.00	0.00	0.00	69.06	0.00	3.71	0.00	0.00	0.28	73.17
Sabah	0.00	0.00	0.00	0.00	0.00	23.36	35.04	0.00	0.00	0.00	0.00	0.00	58.40
Jumlah/Total	17.37	0.12	10.07	0.00	0.00	28.55	1,677.67	3.82	809.06	0.00	507.93	155.90	3,210.49

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Miscellaneous-Includes snake head, snakeskin gouramy and others

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 2001
(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 Miscell- aneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	74.00	0.00	0.00	0.00	0.00	0.00	74.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.82	329.25	0.00	0.00	0.00	0.00	0.00	330.07
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	5.05	0.00	0.00	0.00	0.00	0.00	822.60	20.77	69.01	0.00	372.66	252.60	1,542.69
Selangor	0.00	0.00	0.00	0.00	0.00	0.00	64.36	0.36	5.31	0.00	0.00	16.38	86.41
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	387.09	0.00	0.00	0.00	0.00	0.00	387.09
Melaka	0.00	0.00	2.20	0.00	0.00	0.00	634.16	0.00	0.31	0.00	0.00	125.70	762.37
Johor	0.00	0.00	0.00	0.00	0.00	0.00	58.09	0.00	12.61	0.00	23.78	23.65	118.13
Pahang	5.96	0.00	52.01	0.00	0.00	0.00	1,704.40	0.00	6,796.94	0.00	63.89	36.76	8,659.96
Terengganu	61.19	0.00	0.00	0.00	0.00	19.71	2,842.47	0.39	534.95	0.00	3,130.56	64.96	6,654.23
Kelantan	4.48	0.00	0.05	0.00	0.00	2.00	83.61	1.30	56.60	0.00	0.00	1.84	149.88
Sarawak	0.00	0.73	0.00	0.00	0.00	0.00	386.74	0.00	20.41	0.00	0.00	2.24	410.12
Sabah	0.00	0.00	0.00	0.00	0.00	186.88	280.32	0.00	0.00	0.00	0.00	0.00	467.20
Jumlah/Total	76.68	0.73	54.26	0.00	0.00	209.41	7,667.09	22.82	7,496.14	0.00	3,590.89	524.13	19,642.15

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 SANGKAR AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 2001
(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 Miscell- aneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	92.50	0.00	0.00	0.00	0.00	0.00	92.50
Kedah	0.00	0.00	0.00	0.00	0.00	1.24	462.42	0.00	0.00	0.00	0.00	0.00	463.66
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	7.71	0.00	0.00	0.00	0.00	0.00	1,175.76	30.25	112.56	0.00	554.75	357.85	2,238.88
Selangor	0.00	0.00	0.00	0.00	0.00	0.00	86.79	0.49	8.83	0.00	0.00	19.44	115.55
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	602.37	0.00	0.00	0.00	0.00	0.00	602.37
Melaka	0.00	0.00	2.75	0.00	0.00	0.00	827.56	0.00	0.43	0.00	0.00	164.42	995.16
Johor	0.00	0.00	0.00	0.00	0.00	0.00	82.06	0.00	18.49	0.00	32.90	33.32	166.77
Pahang	6.65	0.00	57.93	0.00	0.00	0.00	2,105.25	0.00	7,740.21	0.00	75.95	52.96	10,038.95
Terengganu	64.04	0.00	0.00	0.00	0.00	23.72	3,644.52	0.45	592.20	0.00	3,728.38	80.50	8,133.81
Kelantan	6.02	0.00	0.07	0.00	0.00	2.74	113.15	1.69	78.14	0.00	0.00	2.48	204.29
Sarawak	0.00	0.98	0.00	0.00	0.00	0.00	538.67	0.00	27.45	0.00	0.00	2.80	569.90
Sabah	0.00	0.00	0.00	0.00	0.00	233.60	350.40	0.00	0.00	0.00	0.00	0.00	584.00
Jumlah/Total	84.42	0.98	60.75	0.00	0.00	261.30	10,081.45	32.88	8,578.31	0.00	4,391.98	713.77	24,205.84

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Miscellaneous-includes snake head, snakeskin gouramy and others

MALAYSIA

BILANGAN DAN LUAS TANGKI SIMEN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001
NUMBER AND AREA OF CEMENT TANKS IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Tangki Simen Cement Tanks		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas m2) Area(m2)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	9	345.00	3	0	0	0	3
Kedah	264	1,878.04	5	0	0	0	5
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	40	11,500.00	10	2	0	0	12
Selangor	142	28,315.66	16	2	2	1	21
Negeri Sembilan	69	3,414.51	20	0	0	0	20
Melaka	9	1,212.32	2	2	0	0	4
Johor	139	3,236.70	28	0	0	0	28
Pahang	37	226.64	7	1	0	0	8
Terengganu	207	3,807.56	74	1	0	0	75
Kelantan	54	998.74	25	0	0	0	25
Sarawak	250	1,500.00	5	0	0	0	5
Sabah	509	24,720.75	5	25	0	97	127
Jumlah/Total	1,729	81,155.92	200	33	2	98	333

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI TANGKI SIMEN MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED FISH PRODUCTION FROM CEMENT TANKS BY STATE AND SPECIES, 2001
(TAN METRIK/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	0.02	0.27	0.00	0.04	0.00	0.00	0.33
Kedah	4.60	0.03	0.00	0.00	0.00	0.00	4.63
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	3.36	285.20	0.00	4.50	0.00	1.60	294.66
Selangor	4.71	389.21	0.99	0.00	0.00	4.11	399.02
Negeri Sembilan	28.65	0.31	0.00	0.00	0.00	0.00	28.96
Melaka	0.49	1.67	0.00	0.00	0.00	0.00	2.16
Johor	30.63	2.76	0.00	0.00	0.00	2.07	35.46
Pahang	0.00	3.00	0.00	0.00	0.00	0.00	3.00
Terengganu	44.50	0.98	0.00	0.00	0.00	0.00	45.48
Kelantan	12.75	8.14	1.30	0.00	0.00	0.64	22.83
Sarawak	0.25	4.06	0.00	0.00	0.00	1.57	5.88
Sabah	0.00	11.87	7.91	0.00	0.00	0.00	19.78
Jumlah/total	129.96	707.50	10.20	4.54	0.00	9.99	862.19

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Miscellaneous-Includes snake head, snakeskin gouramy and others

Jadual (Table) 18.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI TANGKI SIMEN MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM CEMENT TANKS BY STATE AND SPECIES, 2001
(RM ' 000)

Negeri <i>State</i>	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	0.06	1.08	0.00	0.16	0.00	0.00	1.30
Kedah	14.31	0.12	0.00	0.00	0.00	0.00	14.43
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	9.74	1,089.46	0.00	15.98	0.00	4.80	1,119.98
Selangor	12.53	1,708.63	3.47	0.00	0.00	12.33	1,736.96
Negeri Sembilan	89.39	1.16	0.00	0.00	0.00	0.00	90.55
Melaka	1.10	7.06	0.00	0.00	0.00	0.00	8.16
Johor	83.62	11.37	0.00	0.00	0.00	10.37	105.36
Pahang	0.00	16.20	0.00	0.00	0.00	0.00	16.20
Terengganu	184.23	4.34	0.00	0.00	0.00	0.00	188.57
Kelantan	50.24	36.63	5.19	0.00	0.00	2.68	94.74
Sarawak	1.48	22.74	0.00	0.00	0.00	12.16	36.38
Sabah	0.00	94.96	63.28	0.00	0.00	0.00	158.24
Jumlah/total	446.70	2,993.75	71.94	16.14	0.00	42.34	3,570.87

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 TANGKI SIMEN MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM CEMENT TANKS BY STATE AND SPECIES, 2001
(RM ' 000)

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	0.08	1.35	0.00	0.20	0.00	0.00	1.63
Kedah	24.61	0.17	0.00	0.00	0.00	0.00	24.78
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	15.09	1,557.19	0.00	26.06	0.00	6.80	1,605.14
Selangor	20.06	2,304.12	4.79	0.00	0.00	14.63	2,343.60
Negeri Sembilan	147.83	1.80	0.00	0.00	0.00	0.00	149.63
Melaka	2.04	9.22	0.00	0.00	0.00	0.00	11.26
Johor	136.00	16.06	0.00	0.00	0.00	14.61	166.67
Pahang	0.00	20.01	0.00	0.00	0.00	0.00	20.01
Terengganu	194.91	5.57	0.00	0.00	0.00	0.00	200.48
Kelantan	71.91	49.57	7.11	0.00	0.00	3.60	132.19
Sarawak	1.98	31.67	0.00	0.00	0.00	15.70	49.35
Sabah	0.00	118.70	79.10	0.00	0.00	0.00	197.80
Jumlah/total	614.51	4,115.43	91.00	26.26	0.00	55.34	4,902.54

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Miscellaneous-Includes snake head, snakeskin gouramy and others

MALAYSIA

BILANGAN DAN LUAS KANDANG IKAN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001
NUMBER AND AREA OF PEN CULTURE IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Kandang ikan Pen Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (Ha) Area(Ha)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	23	2.02	13	0	0	1	14
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	122	13.43	94	0	0	0	94
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	6	3.00	3	0	0	0	3
Kelantan	469	80.69	444	0	0	0	444
Sarawak	0	0.00	0	0	0	0	0
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total	620	99.14	554	0	0	1	555

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KANDANG AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED FISH PRODUCTION FROM FRESHWATER PEN CULTURE BY STATE AND SPECIES, 2001
(TAN METRIK/TONNES)

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	Keli Freshwater Catfish	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	1.76	0.00	0.00	0.00	0.00	0.68	1.82	0.00	0.07	0.00	0.00	0.00	0.00	0.72	5.05
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	8.38	0.00	5.56	0.90	0.00	0.00	113.23	4.43	0.00	0.00	23.70	0.00	0.00	8.54	164.74
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	5.24	5.24
Kelantan	4.72	0.00	0.00	0.00	0.00	0.00	137.40	0.00	0.33	0.00	92.37	0.00	52.95	3.77	291.54
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	14.86	0.00	5.56	0.90	0.00	0.68	252.45	4.43	0.40	0.00	116.07	0.00	52.95	18.27	466.57

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Miscellaneous-Includes snake head, snakeskin gouramy and others

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KANDANG AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PEN CULTURE BY STATE AND SPECIES, 2001
(RM ' 000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpot Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Patin River Catfish	Toman Giant SnakeHead	Baung River Catfish	Pelbagai Miscell- aneous	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	6.81	0.00	0.00	0.00	0.00	0.00	2.33	7.33	0.00	0.22	0.00	0.00	0.00	2.15	18.84
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	33.86	0.00	27.97	2.14	0.00	0.00	0.00	432.54	25.92	0.00	84.14	0.00	0.00	25.62	632.19
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	14.67	14.67
Kelantan	24.59	0.00	0.00	0.00	0.00	0.00	0.00	618.30	0.00	1.30	390.73	0.00	466.49	15.76	1,517.17
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	65.26	0.00	27.97	2.14	0.00	0.00	2.33	1,058.17	25.92	1.52	474.87	0.00	466.49	58.20	2,182.87

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 KANDANG AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2001

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PEN CULTURE BY STATE AND SPECIES, 2001

(RM ' 000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpot Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Patin River Catfish	Toman Giant SnakeHead	Baung River Catfish	Pelbagai Miscell- aneous	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	9.56	0.00	0.00	0.00	0.00	0.00	3.52	10.30	0.00	0.37	0.00	0.00	0.00	3.35	27.10
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	51.70	0.00	41.26	3.83	0.00	0.00	0.00	618.24	37.74	0.00	137.22	0.00	0.00	36.30	926.29
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	18.18	18.18
Kelantan	33.04	0.00	0.00	0.00	0.00	0.00	0.00	836.77	0.00	1.86	539.44	0.00	598.86	21.23	2,031.20
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	94.30	0.00	41.26	3.83	0.00	0.00	3.52	1,465.31	37.74	2.23	676.66	0.00	598.86	79.06	3,002.77

Nota: Pelbagai-Termasuk ikan haruan, sepat slam dan lain-lain

Note: Miscellaneous-Includes snake head, snakeskin gouramy and others

MALAYSIA**BILANGAN DAN LUAS KOLAM AIR PAYAU/MASIN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001***NUMBER AND AREA OF BRACKISHWATER PONDS IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001*

Negeri State	Kolam Air Payau Brackishwater Ponds		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (Ha) Area(Ha)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	49	36.50	8	3	0	0	11
Kedah	980	703.16	89	23	1	39	152
Pulau Pinang	394	268.10	45	110	8	37	200
Perak	1,359	1,018.11	42	56	5	63	166
Selangor	848	434.44	94	33	0	28	155
Negeri Sembilan	102	81.65	0	5	0	0	5
Melaka	77	43.07	17	0	0	1	18
Johor	970	762.40	30	67	0	6	103
Pahang	564	1,027.17	11	2	2	3	18
Terengganu	275	73.51	60	2	0	0	62
Kelantan	106	40.18	41	4	0	1	46
Sarawak	1,559	961.39	60	51	0	39	150
Sabah	2,143	3,376.05	2	86	0	101	189
Jumlah/Total	9,426	8,825.73	499	442	16	318	1,275

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KOLAM AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED FISH PRODUCTION FROM BRACKISH WATER PONDS BY STATE AND SPECIES, 2001
(TAN METRIC TONNES)

Negeri State	Slakap Barramundi	Banding Milkfish	Kerapu Grouper	Jenahak Mangrove Snapper	Udang P itih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	2.68	0.00	0.00	0.00	0.00	36.70	0.00	0.00	0.00	39.38
Kedah	72.98	0.00	14.09	20.50	0.35	754.94	0.32	0.75	0.00	863.93
Pulau Pinang	292.58	113.35	8.03	5.27	0.00	305.80	0.00	28.42	0.00	753.45
Perak	72.00	0.00	0.00	0.00	0.00	5,356.80	0.00	0.00	24.99	5,453.79
Selangor	25.30	0.00	0.00	0.00	23.35	1,751.24	0.00	0.46	451.10	2,251.45
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	317.30	0.00	0.00	0.00	317.30
Melaka	0.00	0.00	0.00	0.00	22.27	73.39	0.00	0.00	0.00	95.66
Johor	383.55	0.00	52.18	135.06	615.97	3,055.42	0.00	1.20	165.50	4,408.88
Pahang	0.00	0.00	0.00	0.00	0.00	4,777.39	0.00	0.00	0.00	4,777.39
Terengganu	32.05	0.00	0.00	0.00	0.00	157.05	1.85	1.94	0.17	193.06
Kelantan	15.78	0.00	0.00	0.00	0.00	139.74	0.00	9.42	0.00	164.94
Sarawak	3.30	0.00	0.00	0.00	0.00	4,184.98	0.00	1.20	0.00	4,189.48
Sabah	79.46	0.00	0.00	0.00	0.00	5,440.54	0.00	119.18	0.00	5,639.18
Jumlah/ Total	979.68	113.35	74.30	160.83	661.94	26,351.29	2.17	162.57	641.76	29,147.89

Nota: Pelbagai - Termasuk ikan banding, tanda, dengkilis, cermin, talang dan lain-lain

Note: Miscellaneous - Includes milkfish, snapper, rabbitfish, horse mackerel, queenfish and others

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS BY STATE AND SPECIES, 2001
(RM ' 000)

Negeri State	Siakap Barramundi	Banding Milkfish	Kerapu Grouper	Jenahak Mangrove Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	27.18	0.00	0.00	0.00	0.00	746.11	0.00	0.00	0.00	773.29
Kedah	815.92	0.00	351.55	246.00	1.05	18,458.28	2.57	3.25	0.00	19,878.62
Pulau Pinang	3,335.41	1,182.24	244.51	69.04	0.00	7,265.81	0.00	120.22	0.00	12,217.23
Perak	951.84	0.00	0.00	0.00	0.00	137,830.46	0.00	0.00	199.92	138,982.22
Selangor	306.89	0.00	0.00	0.00	793.90	41,189.16	0.00	2.21	2,029.95	44,322.11
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	9,281.03	0.00	0.00	0.00	9,281.03
Melaka	0.00	0.00	0.00	0.00	575.90	1,960.25	0.00	0.00	0.00	2,536.15
Johor	5,059.02	0.00	1,473.04	2,031.30	17,567.46	83,382.41	0.00	6.00	2,700.96	112,220.19
Pahang	0.00	0.00	0.00	0.00	0.00	128,798.43	0.00	0.00	0.00	128,798.43
Terengganu	368.58	0.00	0.00	0.00	0.00	2,944.69	8.10	8.63	0.16	3,330.16
Kelantan	180.52	0.00	0.00	0.00	0.00	5,340.86	0.00	58.03	0.00	5,579.41
Sarawak	26.40	0.00	0.00	0.00	0.00	117,179.44	0.00	7.20	0.00	117,213.04
Sabah	635.68	0.00	0.00	0.00	0.00	190,418.90	0.00	834.26	0.00	191,888.84
Jumlah/Total	11,707.44	1,182.24	2,069.10	2,346.34	18,938.31	744,795.83	10.67	1,039.80	4,930.99	787,020.72

Nota: Pelbagai - Termasuk ikan banding, tanda, dengkis, cermin, talang dan lain-lain

Note: Miscellaneous - Includes milkfish, snapper, rabbitfish, horse mackerel, queenfish and others

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS BY STATE AND SPECIES, 2001
(RM ' 000)

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Negeri State	Siakap Barramundi	Banding Milkfish	Kerapu Grouper	Jenahak Mangrove Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	33.04	0.00	0.00	0.00	0.00	942.09	0.00	0.00	0.00	975.13
Kedah	1,056.75	0.00	408.61	363.47	1.75	22,965.27	4.53	4.00	0.00	24,804.38
Pulau Pinang	3,917.65	1,182.24	282.58	79.89	0.00	8,730.59	0.00	167.68	0.00	14,360.63
Perak	1,175.76	0.00	0.00	0.00	0.00	170,078.40	0.00	0.00	199.92	171,454.08
Selangor	367.36	0.00	0.00	0.00	945.68	47,476.12	0.00	3.05	2,377.30	51,169.51
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	10,842.14	0.00	0.00	0.00	10,842.14
Melaka	0.00	0.00	0.00	0.00	645.83	2,345.54	0.00	0.00	0.00	2,991.37
Johor	6,600.90	0.00	1,794.99	2,637.72	23,647.09	101,501.05	0.00	7.80	3,662.52	139,852.07
Pahang	0.00	0.00	0.00	0.00	0.00	147,095.84	0.00	0.00	0.00	147,095.84
Terengganu	438.12	0.00	0.00	0.00	0.00	3,101.74	10.03	10.40	0.18	3,560.47
Kelantan	194.73	0.00	0.00	0.00	0.00	5,857.90	0.00	70.56	0.00	6,123.19
Sarawak	49.50	0.00	0.00	0.00	0.00	146,474.30	0.00	9.60	0.00	146,533.40
Sabah	794.60	0.00	0.00	0.00	0.00	244,824.30	0.00	953.44	0.00	246,572.34
Jumlah/Total	14,628.41	1,182.24	2,486.18	3,081.08	25,240.35	912,235.28	14.56	1,226.53	6,239.92	966,334.55

Nota: Pelbagai - Termasuk ikan banding, tanda, dengkis, cermin, talang dan lain-lain

Note: Miscellaneous - Includes milkfish, snapper, rabbitfish, horse mackerel, queenfish and others

Jadual(Table) 21.1

MALAYSIA

BILANGAN DAN LUAS SANGKAR AIR PAYAU/MASIN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001
 NUMBER AND AREA OF BRACKISHWATER CAGES IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Sangkar Air payau Brackishwater Cages		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (m2) Area(m2)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	50	125.00	0	1	0	0	1
Kedah	3,611	42,083.98	95	21	0	3	119
Pulau Pinang	26,783	246,608.00	123	221	7	4	355
Perak	20,684	183,200.00	6	190	1	0	197
Selangor	6,812	114,984.05	6	31	0	0	37
Negeri Sembilan	15	140.00	1	0	0	0	1
Melaka	264	5,399.08	1	2	0	0	3
Johor	7,384	164,978.80	84	100	3	4	191
Pahang	153	5,345.00	17	2	0	0	19
Terengganu	1113	17,524.52	79	1	2	0	82
Kelantan	1,191	39,793.86	176	3	0	2	181
Sarawak	671	6,197.52	261	0	0	0	261
Sabah	2,318	122,179.02	0	28	0	328	356
Jumlah/Total	71,049	948,558.83	849	600	13	341	1,803

Jadual(Table) 21.2

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED FISH PRODUCTION FROM BRACKISHWATER CAGES BY STATE AND SPECIES, 2001
(TAN METRIK/TONNES)

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>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Ketam Telur <i>Berried Crabs</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	0.00	77.75	0.00	0.00	0.00	77.75
Kedah	523.31	0.00	192.76	208.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	924.80
Pulau Pinang	730.28	505.17	176.01	221.89	402.29	0.00	0.00	42.22	15.39	0.00	0.00	2,093.25
Perak	390.22	110.53	70.26	51.58	0.00	0.00	0.00	80.21	0.00	0.35	5.25	708.40
Selangor	183.86	65.94	15.76	154.52	156.29	0.00	0.00	1.06	0.00	0.00	227.23	804.66
Negeri Sembilan	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60
Melaka	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.25	0.00	93.75
Johor	635.07	0.00	212.62	690.26	0.00	0.00	0.00	0.00	0.00	0.00	340.82	1,878.77
Pahang	14.04	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	16.64
Terengganu	86.30	0.00	1.46	0.00	2.90	0.00	0.00	0.00	0.00	17.01	2.38	110.05
Kelantan	262.25	0.00	11.08	0.00	0.00	0.00	0.00	0.00	0.00	8.73	0.00	282.06
Sarawak	51.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.33
Sabah	202.76	0.00	344.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.14	549.81
Jumlah/Total	3,081.52	681.64	1,026.86	1,326.98	561.48	0.00	0.00	201.24	15.39	118.94	577.82	7,591.87

Nota: Pelbagai - Termasuk ikan tanda, dengkis, cermin, talang dan lain-lain

Note: Miscellaneous - Includes snapper, rabbitfish, horse mackerel, queenfish and others

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER CAGES BY STATE AND SPECIES, 2001
(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
Pertlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,088.50	0.00	0.00	0.00	1,088.50
Kedah	5,850.61	0.00	4,809.36	2,504.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,164.73
Pulau Pinang	8,325.19	5,789.25	5,359.50	2,906.76	5,567.69	0.00	0.00	670.88	301.34	0.00	0.00	28,920.61
Perak	5,158.71	1,309.78	2,043.16	862.93	0.00	0.00	0.00	1,085.24	0.00	1.70	42.00	10,503.52
Selangor	2,230.22	513.01	370.36	2,191.09	2,125.54	0.00	0.00	14.49	0.00	0.00	1,022.54	8,467.25
Negeri Sembilan	7.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.75
Melaka	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	464.94	0.00	485.94
Johor	8,376.57	0.00	6,002.26	10,381.51	0.00	0.00	0.00	0.00	0.00	0.00	5,562.18	30,322.52
Pahang	163.85	0.00	40.64	0.00	0.00	0.00	0.00	0.00	0.00	2.55	0.00	207.04
Terengganu	992.45	0.00	27.62	0.00	34.80	0.00	0.00	0.00	0.00	75.69	2.19	1,132.75
Kelantan	3,000.14	0.00	228.03	0.00	0.00	0.00	0.00	0.00	0.00	53.78	0.00	3,281.95
Sarawak	410.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	410.64
Sabah	1,622.08	0.00	3,104.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.49	4,733.76
Jumlah/Total	36,159.21	7,612.04	21,985.12	18,847.05	7,728.03	0.00	0.00	2,859.11	301.34	598.66	6,636.40	102,726.96

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 AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2001
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER CAGES BY STATE SPECIES, 2001
(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	1,244.00	0.00	0.00	0.00	1,244.00
Kedah	7,577.53	0.00	5,590.04	3,700.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,868.35
Pulau Pinang	9,778.45	6,531.85	6,193.79	3,363.85	6,368.25	0.00	0.00	839.33	361.67	0.00	0.00	33,437.19
Perak	6,372.29	1,736.43	2,442.94	1,092.98	0.00	0.00	0.00	1,410.09	0.00	2.33	42.00	13,099.06
Selangor	2,669.65	595.44	450.11	2,408.97	2,356.85	0.00	0.00	17.31	0.00	0.00	1,197.50	9,695.83
Negeri Sembilan	8.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.95
Melaka	26.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	738.00	0.00	764.51
Johor	10,929.55	0.00	7,314.13	13,480.78	0.00	0.00	0.00	0.00	0.00	0.00	7,542.35	39,266.81
Pahang	198.95	0.00	49.82	0.00	0.00	0.00	0.00	0.00	0.00	3.30	0.00	252.07
Terengganu	1,179.72	0.00	30.41	0.00	43.50	0.00	0.00	0.00	0.00	91.17	2.57	1,347.37
Kelantan	3,236.17	0.00	257.61	0.00	0.00	0.00	0.00	0.00	0.00	65.39	0.00	3,559.17
Sarawak	769.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	769.95
Sabah	2,027.60	0.00	3,966.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.70	6,004.77
Jumlah/ Total	44,775.32	8,863.72	26,295.32	24,047.36	8,768.60	0.00	0.00	3,510.73	361.67	900.19	8,795.12	126,318.03

Nota: Pelbagai - Termasuk ikan tanda, dengkis, dermin, talang dan lain-lain

Note: Miscellaneous - Includes snapper, rabbitfish, horse mackerel, queenfish and others

MALAYSIA

BILANGAN DAN LUAS KAWASAN TERNAKAN KERANG SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001
NUMBER AND AREA OF COCKLE CULTURE AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Ternakan Kerang Cockle Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (Ha) Area (Ha)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	5	84.01	3	0	0	2	5
Pulau Pinang	40	589.88	150	250	0	0	400
Perak	274	5,313.76	28	139	0	27	194
Selangor	25	654.07	16	5	0	4	25
Negeri Sembilan	0	0.00	0	0	0	0	0
Melaka	0	0.00	0	0	0	0	0
Johor	1	100.00	29	8	0	0	37
Pahang	1	8.00	12	0	0	0	12
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	346	6,749.72	238	402	0	33	673

MALAYSIA
ANGGARAN PENGELUARAN KERANG DEWASA MENGIKUT BULAN DAN NEGERI, 2001
ESTIMATED PRODUCTION OF COCKLES BY MONTH AND STATE, 2001
(TAN METRIK/TONNES)

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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	55.29	35.63	0.36	2.23	91.73	74.09	70.09	49.18	78.41	114.92	36.94	39.81	648.68
Pulau Pinang	895.51	1,014.42	875.10	848.40	890.19	1,002.19	980.57	974.31	1,040.00	1,045.29	1,090.11	943.37	11,599.46
Perak	3,079.24	3,914.40	4,293.93	4,219.46	4,639.98	4,966.03	4,437.70	4,441.78	4,271.66	4,380.15	4,732.52	4,206.51	51,583.36
Selangor	660.21	617.02	709.57	723.06	782.56	687.53	663.66	560.44	438.58	364.12	363.20	352.11	6,922.06
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	2.00	2.00	1.00	1.20	1.80	0.08	0.20	0.00	0.00	0.10	1.00	1.00	10.38
Johor	11.10	5.64	2.22	0.00	0.00	7.02	7.59	0.00	0.00	5.29	5.28	7.81	51.95
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	4,703.35	5,589.11	5,882.18	5,794.35	6,406.26	6,736.94	6,159.81	6,025.71	5,828.65	5,909.87	6,229.05	5,550.61	70,815.89

MALAYSIA
ANGGARAN PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI, 2001
ESTIMATED PRODUCTION OF COCKLE SEEDS BY MONTH AND STATE, 2001
(TAN METRIK/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	0.00	0.00	0.00
Perak	0.00	0.00	932.75	115.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,048.11
Selangor	0.00	0.00	458.17	329.49	116.94	34.72	21.52	0.00	0.00	0.00	0.00	244.24	1,205.08
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	0.00	0.00	1,390.92	444.85	116.94	34.72	21.52	0.00	0.00	0.00	0.00	244.24	2,253.19

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI, 2001
ESTIMATED WHOLESALE VALUE OF PRODUCTION OF COCKLE SEEDS BY MONTH AND STATE, 2001
(RM ' 000)

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
Kedah													0.00
Pulau Pinang													0.00
Perak													0.00
Selangor													0.00
Negeri Sembilan													0.00
Melaka													0.00
Johor													0.00
Pahang													0.00
Terengganu													0.00
Kelantan													0.00
Sarawak													0.00
Sabah													0.00
Jumlah/Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Nota: Tiada maklumat
 Note: Data not available

Jadual(Table) 23.1

MALAYSIA

BILANGAN DAN LUAS KAWASAN TERNAKAN SIPUT SUDU SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001
NUMBER AND AREA OF MUSSEL CULTURE AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Ternakan Siput Sudu Mussel Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (m2) Area(m2)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	18	1,500.03	5	0	0	0	5
Pulau Pinang	0	0.00	0	0	0	0	0
Perak	30	1,360.00	2	0	0	0	2
Selangor	0	0.00	0	0	0	0	0
Negeri Sembilan	20	3,967.61	18	2	0	0	20
Melaka	63	10,489.84	44	0	0	0	44
Johor	300	56,464.82	51	17	0	1	69
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	150	5,269.78	0	0	0	150	150
Jumlah/Total	581	79,052.08	120	19	0	151	290

MALAYSIA
ANGGARAN PENGELUARAN SIPUT SUDU MENGIKUT BULAN DAN NEGERI, 2001
ESTIMATED PRODUCTION OF MUSSELS BY MONTH AND STATE, 2001
(TAN METRIK/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	2.27	1.94	0.76	0.58	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.10
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	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
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	0.94	2.10	0.00	0.30	0.00	0.65	0.50	0.10	0.00	0.10	0.40	0.30	5.39
Melaka	15.30	10.85	5.86	1.93	2.94	2.06	2.19	6.20	12.52	21.62	27.63	21.39	130.49
Johor	641.82	631.36	626.30	601.95	543.33	529.26	513.74	524.02	526.19	504.90	504.54	468.65	6,616.06
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	12.18	17.20	7.40	5.76	10.88	8.80	12.33	8.62	7.47	6.32	10.51	14.35	121.82
Jumlah/Total	672.75	663.45	640.32	610.52	557.70	540.77	528.76	538.94	546.18	532.94	543.08	504.69	6,880.10

Jadual (Table) 24.1

MALAYSIA

BILANGAN DAN LUAS KAWASAN TERNAKAN TIRAM SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001

NUMBER AND AREA OF OYSTER CULTURE AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Ternakan Tiram Oyster Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (m2) Area(m2)	Bumiputera Bumiputeras	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	24	2,458.32	2	0	0	0	2
Pulau Pinang	40	600.00	2	2	0	0	4
Perak	30	1,360.00	0	0	0	2	2
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	81	19,549.32	24	0	0	0	24
Kelantan	33	2,004.10	11	0	0	0	11
Sarawak	0	0.00	0	0	0	0	0
Sabah	156	46,219.55	0	0	0	156	156
Jumlah/Total	371	79,191.29	49	2	0	158	209

MALAYSIA
ANGGARAN PENGELUARAN TIRAM MENGIKUT BULAN DAN NEGERI, 2001
ESTIMATED PRODUCTION OF OYSTER BY MONTH AND STATE, 2001
(TAN METRIK/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	1.80	1.47	2.00	2.00	0.00	2.00	2.00	0.00	1.00	1.00	1.00	1.00	15.27
Pulau Pinang	0.93	1.05	0.95	0.80	0.80	0.70	0.75	1.05	0.98	1.00	0.85	0.75	10.61
Perak	0.70	0.37	0.00	1.63	0.00	0.00	0.00	0.00	0.00	0.50	0.40	0.00	3.60
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	0.42	0.44	0.45	0.43	0.34	0.37	0.39	0.49	0.57	0.45	0.42	0.51	5.28
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	10.88	8.25	10.48	8.15	10.48	10.26	10.78	8.83	9.07	9.61	9.03	9.05	114.87
Kelantan	0.28	0.27	0.46	0.68	0.00	0.00	0.42	0.00	1.64	0.00	0.90	0.20	4.85
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	13.20	15.30	6.10	7.50	6.20	8.90	6.87	7.35	6.70	5.65	12.19	13.80	109.76
Jumlah/Total	28.21	27.15	20.44	21.19	17.82	22.23	21.21	17.72	19.96	18.21	24.79	25.31	264.24

Jadual (Table) 25.1

MALAYSIA

BILANGAN DAN LUAS KAWASAN TERNAKAN RUMPAI LAUT SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2001

NUMBER AND AREA OF SEAWEED CULTURE AND NUMBER OF CULTURISTS BY RACE AND STATE, 2001

Negeri State	Ternakan Rumpai Laut Seaweed Culture		Bilangan Penternak No. of Culturists				
	Bilangan Number	Luas(Ha) Area(Ha)	Bumiputera Bumiputeras	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	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	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	0	0.00	0	0	0	0	0
Sarawak	0	0.00	0	0	0	0	0
Sabah	712	1908.38	0	0	0	712	712
Jumlah/Total	712	1908.38	0	0	0	712	712

Jadual (Table) 25.2

MALAYSIA
ANGGARAN PENGELUARAN RUMPAI LAUT MENGIKUT BULAN DAN NEGERI, 2001
ESTIMATED SEAWEED PRODUCTION BY MONTH AND STATE, 2001
(TAN METRIK/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	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	0.00	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	0.00	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	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	18,862.80
Jumlah/Total	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	1,571.90	18,862.80

Jadual (Table) 26.1

MALAYSIA
ANGGARAN HARGA BORONG IKAN AIR TAWAR DI PASAR UTAMA MENGIKUT NEGERI DAN SPESIS IKAN, 2001
ESTIMATED WHOLESALE PRICES OF FRESHWATER FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 2001
(RM/KG)

Spesis/Negeri Species/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 Fresh- water Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant Snake- Head	Baung River Catfish	Pelbagai Miscell- aneous
Perlis	3.00	3.42	0.00	0.00	17.00	3.50	4.00	0.00	3.01	0.00	0.00	4.00	0.00	0.00	2.50
Kedah	3.87	6.19	6.19	4.17	25.19	3.43	4.03	7.93	3.11	0.00	0.00	6.38	0.00	8.72	2.98
Pulau Pinang	3.29	0.00	0.00	0.00	20.33	2.93	4.10	0.00	2.61	0.00	0.00	0.00	0.00	0.00	6.33
Perak	4.04	4.00	5.03	2.38	28.08	2.91	3.82	5.85	2.90	47.96	3.87	3.55	2.86	8.35	3.00
Selangor	4.89	3.65	4.75	2.69	29.16	3.51	4.39	7.22	2.66	37.96	0.00	2.68	9.00	9.03	3.00
Negeri Sembilan	3.90	3.90	3.89	3.45	25.97	2.81	3.74	4.78	3.12	27.50	0.00	3.56	0.00	8.28	3.55
Melaka	3.90	3.77	4.39	1.98	22.13	2.98	4.23	4.85	2.24	26.88	0.00	3.08	0.00	10.33	5.00
Johor	3.88	6.00	5.00	0.00	25.92	3.61	4.12	6.98	2.73	41.77	0.00	4.57	6.69	9.04	5.01
Pahang	5.79	5.46	5.44	5.14	28.59	5.00	5.40	11.00	2.50	42.20	20.00	10.16	4.98	14.79	2.95
Terengganu	4.30	3.80	4.80	4.80	17.00	4.43	4.43	6.50	4.14	24.33	4.50	5.42	3.80	6.86	2.80
Kelantan	5.21	5.34	5.44	4.04	18.77	3.99	4.50	8.13	3.94	27.28	5.02	4.23	4.31	8.81	4.18
Sarawak	6.60	6.10	5.00	3.90	15.00	4.70	5.60	6.80	5.90	12.20	0.00	5.50	7.30	7.60	8.00
Sabah	8.00	10.00	10.00	12.00	8.00	8.00	8.00	13.00	5.00	30.00	8.00	8.00	0.00	0.00	12.00
Harga Bertimbang Weighted price	5.07	6.39	5.27	2.57	26.56	6.00	4.75	6.79	2.81	40.06	20.00	6.05	6.33	7.72	3.47

Nota: Pelbagai - Termasuk ikan haruan dan sepat siam

Note: Miscellaneous - Includes snake head, snakeskin and gouramy

JADUAL (TABLE) 26.2

MALAYSIA
ANGGARAN HARGA RUNCIT IKAN AIR TAWAR DI PASAR UTAMA MENGIKUT NEGERI DAN SPESIS IKAN, 2001
ESTIMATED RETAIL PRICES OF FRESHWATER FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 2000
(RM/KG)

Spesis/Negeri Species/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 Fresh- water Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant Snake- Head	Baung River Catfish	Pelbagai Miscell- aneous
Perlis	4.46	5.04	0.00	0.00	21.00	4.50	5.00	0.00	4.16	0.00	0.00	5.00	0.00	0.00	3.25
Kedah	5.43	8.75	8.04	5.00	30.96	5.17	5.66	10.44	5.35	0.00	0.00	10.17	0.00	12.74	4.65
Pulau Pinang	3.92	0.00	0.00	0.00	24.31	3.60	5.23	0.00	3.74	0.00	0.00	0.00	0.00	0.00	7.50
Perak	6.17	6.03	7.42	4.26	34.85	4.78	5.46	8.52	4.49	59.52	5.71	5.79	4.68	12.43	4.25
Selangor	6.51	5.00	6.46	3.90	38.63	4.84	5.92	9.80	4.26	55.29	0.00	4.46	11.00	11.51	3.56
Negeri Sembilan	6.22	6.45	6.55	5.14	31.34	4.47	5.82	8.02	5.16	45.00	0.00	5.43	0.00	11.99	5.81
Melaka	5.36	5.18	5.49	2.48	29.00	3.93	5.52	6.40	4.16	43.83	0.00	4.34	0.00	14.00	6.54
Johor	5.80	8.00	8.00	0.00	31.77	5.36	5.82	9.68	4.44	51.70	0.00	6.70	9.07	12.51	7.06
Pahang	6.46	6.94	6.06	6.23	33.27	6.80	6.67	15.60	3.00	48.19	20.00	11.57	7.21	17.58	4.25
Terengganu	4.50	4.50	5.50	5.50	19.00	5.33	5.68	7.46	4.38	26.33	6.50	6.00	5.20	8.17	3.47
Kelantan	7.00	7.40	7.19	5.49	23.32	5.47	6.09	10.58	5.64	32.59	7.24	5.84	5.33	11.31	5.63
Sarawak	8.50	8.20	6.70	5.40	19.00	6.20	7.80	8.60	7.90	15.10	0.00	7.40	10.30	9.90	10.00
Sabah	10.00	12.00	12.00	14.00	16.00	10.00	10.00	15.00	6.00	35.00	10.00	10.00	0.00	0.00	14.00
Harga Bertimbang Weighted price	7.79	8.29	7.14	4.37	31.83	7.87	6.43	8.88	4.47	47.41	20.00	7.76	8.68	9.73	4.73

Termasuk ikan haruan dan sepat siam

Note: Miscellaneous - Includes snake head, snakeskin and gouramy

Jadual (Table) 27.1

MALAYSIA
ANGGARAN HARGA BORONG IKAN AIR PAYAU/MASIN DI PASAR UTAMA MENGIKUT NEGERI DAN SPESIS IKAN, 2001
ESTIMATED WHOLESALE PRICES OF BRACKISHWATER FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 2001
(RM/KG)

Negeri State	Siakap <i>Barra- Mundi</i>	Siakap Merah <i>Mangrove Red Snapper</i>	Ikan Banding <i>Milk Fish</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>	Benih Kerang <i>Cockle Seeds</i>	Siput Sudu <i>Mussels</i>	Tilapia Merah <i>Red Tilapia</i>	Tiram <i>Oyster</i>	Rumpai Laut <i>Sea- Weeds</i>	Pelbagai <i>Miscell- neous</i>
Perlis	10.14	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	20.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	11.18	0.00	0.00	24.95	12.00	0.00	3.00	8.04	0.00	24.45	0.77	0.00	1.05	4.33	15.00	0.00	0.00
Pulau Pinang	11.40	11.46	10.43	30.45	13.10	13.84	0.00	15.89	19.58	23.76	0.71	0.00	0.00	4.23	17.08	0.00	0.00
Perak	13.22	11.85	0.00	29.08	16.73	0.00	0.00	13.53	0.00	25.73	0.80	4.37	0.87	4.86	8.00	0.00	8.00
Selangor	12.13	7.78	0.00	23.50	14.18	13.60	34.00	13.67	0.00	23.52	0.82	4.64	0.00	4.81	0.00	0.00	4.50
Negeri Sembilan	12.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.25	0.00	0.00	1.48	7.00	0.00	0.00	0.00
Melaka	14.00	0.00	0.00	0.00	0.00	0.00	25.86	0.00	0.00	26.71	1.16	0.00	1.00	5.04	0.00	0.00	0.00
Johor	13.19	0.00	0.00	28.23	15.04	12.25	28.52	0.00	0.00	27.29	0.80	0.00	0.44	5.00	15.00	0.00	16.32
Pahang	11.67	0.00	0.00	20.32	12.32	12.36	19.73	10.04	0.00	26.96	1.16	0.00	0.00	4.25	0.00	0.00	0.00
Terengganu	11.50	0.00	0.00	18.92	0.00	12.00	0.00	4.38	0.00	18.75	0.00	0.00	0.00	4.45	8.00	0.00	0.92
Kelantan	11.44	0.00	0.00	20.58	0.00	10.00	45.00	6.95	0.00	38.22	2.00	0.00	0.00	6.16	6.27	0.00	0.00
Sarawak	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00
Sabah	8.00	0.00	0.00	9.00	5.00	0.00	13.00	4.50	0.00	35.00	2.00	0.00	2.00	7.00	2.00	0.40	3.50
Harga Bertimbang Weighted price	11.79	11.17	10.43	21.84	14.24	13.76	28.61	14.11	19.58	28.26	0.79	4.51	0.48	5.82	6.39	0.40	9.48

Nota: Pelbagai - Termasuk ikan tanda, dengkis, cupak/cermin dan talang

Note: Miscellaneous - Includes snapper, rabbit fish, horse mackerel and queen fish

Jadual (Table) 27.2

MALAYSIA
ANGGARAN HARGA RUNCIT IKAN AIR PAYAU/MASIN DI PASAR UTAMA MENGIKUT
ESTIMATED RETAIL PRICES OF BRACKISHWATER FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 2001
(RM/KG)

Negeri State	Siakap Barra- mundi	Siakap Merah Mangrove Red Snapper	Ikan Banding Milk Fish	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	Rumpai Laut Sea- Weeds	Pelbagai Miscell- neous
Perlis	12.33	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	25.67	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	14.48	0.00	0.00	29.00	17.73	0.00	5.00	14.17	0.00	30.42	1.21	1.61	5.33	17.00	0.00	0.00
Pulau Pinang	13.39	12.93	10.43	35.19	15.16	15.83	0.00	19.88	23.50	28.55	0.80	0.00	5.90	19.58	0.00	0.00
Perak	16.33	15.71	0.00	34.77	21.19	0.00	0.00	17.58	0.00	31.75	1.32	1.35	6.65	8.00	0.00	8.00
Selangor	14.52	9.03	0.00	28.56	15.59	15.08	40.50	16.33	0.00	27.11	1.12	0.00	6.62	0.00	0.00	5.27
Negeri Sembilan	14.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.17	0.00	1.96	9.00	0.00	0.00	0.00
Melaka	17.67	0.00	0.00	0.00	0.00	0.00	29.00	0.00	0.00	31.96	1.50	1.50	8.00	0.00	0.00	0.00
Johor	17.21	0.00	0.00	34.40	19.53	17.17	38.39	0.00	0.00	33.22	1.29	0.75	6.50	17.00	0.00	22.13
Pahang	14.17	0.00	0.00	24.91	15.23	14.27	24.18	13.33	0.00	30.79	1.50	0.00	5.50	0.00	0.00	0.00
Terengganu	13.67	0.00	0.00	20.83	0.00	15.00	0.00	5.42	0.00	19.75	0.00	0.00	5.36	10.00	0.00	1.08
Kelantan	12.34	0.00	0.00	23.25	0.00	12.00	49.42	8.04	0.00	41.92	2.50	0.00	7.49	7.24	0.00	0.00
Sarawak	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	0.00	0.00	8.00	0.00	0.00	0.00
Sabah	10.00	0.00	0.00	11.50	7.00	9.00	16.00	6.00	0.00	45.00	3.00	3.50	8.00	4.00	0.60	5.00
Harga Bertimbang Weighted price	14.63	13.00	10.43	26.14	18.23	15.62	38.13	17.33	23.50	34.62	1.21	0.81	7.55	8.36	0.60	12.33

Nota: Pelbagai - Termasuk ikan tanda, dengkis, cupak/cermin dan talang

Note: Miscellaneous - Includes snapper, rabbit fish, horse mackerel and queen fish

MALAYSIA
ANGGARAN PENGELUARAN IKAN HIASAN MENGIKUT NEGERI 2001
ESTIMATED PRODUCTION OF ORNAMENTAL FISH BY STATE, 2001
(BILANGAN DALAM EKOR/NUMBER IN PIECES)

Negeri/Kumpulan State/Group	Cyprinids Barb/Daino/ Goldfish/Koi	Cyprinodontids	Anabantids	Poeciliids	Characins	Cichlid	Osteoglossids	Callichthyids	Cobitids	Tumbuhan Akuatik Aquatic Plants	Lain Lain Others	Jumlah Total
Perlis	0	0	0	0	0	0	0	0	0	0	0	0
Kedah	0	0	0	0	0	0	0	0	0	0	0	0
Pulau Pinang	103,105	0	184,759	226,554	10,136	1,274,886	0	7,781	0	0	24,348	1,831,569
Perak	35,074,387	0	12,301,956	7,297,112	0	4,451,852	0	234,949	0	0	8,801,105	68,161,361
Selangor	2,952,730	734,000	0	270,700	0	456	0	0	0	0	54,200	4,012,086
Negeri Sembilan	400	1,000	4,400	0	0	3,100	0	0	0	0	0	8,900
Melaka	2,300	0	86,200	21,250	0	1,150	0	0	0	0	0	110,900
Johor	58,904,594	0	27,213,218	94,566,501	23,138,417	14,193,671	31,486	75,271	75,035	45,086,359	475,684	263,760,236
Pahang	22,700	0	0	2,000	0	5,000	0	0	0	0	0	29,700
Terengganu	0	0	0	0	0	0	0	0	0	0	0	0
Kelantan	6,713	7,130	0	61,289	0	0	2,090	0	0	0	7,500	84,722
Sarawak	0	0	0	0	0	0	0	0	0	0	0	0
Sabah	11,300	0	370	42,250	0	2,050	0	0	0	0	16	55,986
Jumlah/Total	97,078,229	742,130	39,790,903	102,487,656	23,148,553	19,932,165	33,576	318,001	75,035	45,086,359	9,362,853	338,055,460

Jadual (Table) 28.2

MALAYSIA
ANGGARAN PENGELUARAN DAN NILAI IKAN HIASAN MENGIKUT NEGERI, 2001
ESTIMATED PRODUCTION AND VALUE OF ORNAMENTAL FISH BY STATE, 2001
(BILANGAN DALAM EKOR/NUMBER IN PIECES)

Negeri State	Pengeluaran (Ekor) Production (Pieces)	Nilai (RM) Value (RM)
Perlis	0	0.00
Kedah	0	0.00
Pulau Pinang	1,831,569	2,326,092.00
Perak	68,161,361	14,177,563.00
Selangor	4,012,086	746,248.00
Negeri Sembilan	8,900	1,655.00
Melaka	110,900	21,847.00
Johor	263,760,236	63,635,467.00
Pahang	29,700	5,821.00
Terengganu	0	0.00
Kelantan	84,722	16,521.00
Sarawak	0	0.00
Sabah	55,986	101,782.00
Jumlah/Total	338,055,460	81,032,996.00