

MALAYSIA

PENGELUARAN HATCHERI BENIH DAN REGA IKAN DAN UDANG MENGIKUT NEGERI, 2022
PRODUCTION OF FISH AND PRAWN FRIES AND HATCHLINGS HATCHERIES BY STATE, 2022

Negeri State	Pengeluaran (Ekor) Production (Pieces)											
	Kerajaan				Swasta				Jumlah/Total			
	Air Tawar Freshwater		Air Payau Brackishwater		Air Tawar Freshwater		Air Payau Brackishwater		Air Tawar Freshwater		Air Payau Brackishwater	
	Rega Hatchling	Benih Fry	Rega Hatchling	Benih Fry	Rega Hatchling	Benih Fry	Rega Hatchling	Benih Fry	Rega Hatchling	Benih Fry	Rega Hatchling	Benih Fry
Perlis	-	-	-	-	-	-	-	-	-	-	-	-
Kedah	-	1,007,100	7,569,000	317,400	-	12,326,429	-	77,934,903	-	13,333,529	7,569,000	78,252,303
Pulau Pinang	-	-	-	-	-	27,256,590	-	957,307,504	-	27,256,590	-	957,307,504
Perak	-	9,342,054	-	-	-	726,348,080	33,251,800.00	742,652,416	-	735,690,134	33,251,800	742,652,416
Selangor	-	-	-	-	-	109,365,420	-	118,560,835	-	109,365,420	-	118,560,835
Negeri Sembilan	-	-	-	-	-	24,480,089	-	976,060	-	24,480,089	-	976,060
Melaka	-	-	-	-	-	3,714,721	-	16,000	-	3,714,721	-	16,000
Johor	-	-	-	648,400	-	26,429,370	2,167,911,020	215,951,264	-	26,429,370	2,167,911,020	216,599,664
Pahang	-	3,990,315	-	-	-	14,861,432	988,500,000	1,257,985,000	-	18,851,747	988,500,000	1,257,985,000
Terengganu	-	-	63,580	4,000,000	-	2,799,716	694,649,290	79,544,414	-	2,799,716	694,712,870	83,544,414
Kelantan	500,000	668,200	-	-	-	43,257,064	5,148,000	452,525	500,000	43,925,264	5,148,000	452,525
Sarawak	-	3,769,523	10,000	13,940	-	1,867,300	-	135,719,965	-	5,636,823	10,000	135,733,905
Sabah	-	343,888	10,568,900.00	549,000	-	4,524,469	-	1,189,416,950	-	4,868,357	10,568,900	1,189,965,950
Labuan	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah/Total	500,000	19,121,080	18,211,480	5,528,740	-	997,230,680	3,889,460,110	4,776,517,836	500,000	1,016,351,760	3,907,671,590	4,782,046,576

MALAYSIA
PENGELUARAN BENIH DAN REGA IKAN AIR TAWAR DARI HATCHERI IKAN KERAJAAN MENGIKUT PUSAT DAN SPESIES, 2022
PRODUCTION OF FRESHWATER FISH FRIES AND HATCHLINGS FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2022
(KUANTITI DALAM EKOR/QUANTITY IN PIECES)

Species (Species) Pusat Pembalbiak (Hatchery)	Rega/Hatching Benih/Fry	Lampam Jawa Javanese Carp	Lampam Sungai River Carp	Lee Koh Common Carp	Tilapia GIFT	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Puyu Cimbing Perch	Jelawat River Carp	Keli Freshwater Catfish	Baung River Catfish	Kotutu Mariah Goby	Empurau	Rohu	Blawan	Terbol Carp	Keral	Keral Lampam	Patin	Sebarau Carp	Kelah River Carp	Temoleh	Patin Buah	Angel	Arowana	Sword Tail	Koi	Platty	Betta	Molly	Guppy	Sepat Mutara	Sepat Emas	Sepat Siam Snakeskin Gouramy	Pelbagai Others	Jumlah Total	
PPA Bukit Tinggi, Pahang (Bentong)/ Kuantan	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		356,400	30,600	-	-	-	1,170,400	133,000	-	465,600	266,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,422,100	
PPA Jitra, Kedah (Kubang Pasu)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		5,000	72,200	-	71,450	-	56,550	108,500	-	693,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,007,100	
*PIH Enggor, Perak (K.Kangsar)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		554,642	-	-	-	-	7,200	180,050	43,400	1,253,785	-	-	-	-	-	-	-	-	-	-	-	-	-	-	273	8	-	17,636	215	275	53	20	-	-	283	15	2,057,855
**FRI Glami Lemi, Negeri Sembilan	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PPA Machang, Kelantan	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	485,000	400	-	500,000	182,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500,000	
PPA Tapah, Perak (Batang Padang)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PPA Banded, Perak (Hulu perak)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	123,000	-	-	-	-	-	-	-	-	-	-	-	-	-	37,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160,000	
PPA Perlok, Pahang (Jerantut)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	1,049,120	-	-	-	124,410	22,600	-	37,950	17,850	-	-	-	-	112,040	-	64,450	107,960	28,000	3,635	200	-	-	-	-	-	-	-	-	-	-	-	-	-	1,568,215	
Sarawak (DOA Sarawak)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		1,136,285	91,050	234,530	-	-	65,372	-	45,595	19,881	12,050	-	14,560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,150,200	3,769,523	
Sabah	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		48,918	100	13,603	-	128,786	137,786	400	-	12,370	-	-	-	-	-	-	-	-	-	-	360	-	-	-	-	15	525	100	225	-	-	200	-	450	-	50	343,888
Labuan	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jumlah/Total	Rega/Hatching Benih/Fry	2,101,245	1,366,070	248,133	71,450	128,786	2,046,718	444,950	88,995	2,665,786	296,000	-	14,560	-	-	149,040	-	64,450	107,960	28,000	3,995	200	-	273	23	525	17,736	440	275	53	220	-	450	283	2,150,265	11,996,881	

* PIH Enggor hanya mengeluarkan ikan hiasan sahaja
PIH Enggor produces aquarium fish only
** FRI Glami Lemi hanya menumpukan aktiviti penyelidikan sahaja
FRI Glami Lemi focus only on research activities
Pelbagai - Spesies tidak dinyatakan oleh negeri
Others - Species not mentioned by state



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Jadual (Table) 39.2

PENGELUARAN BENIH UDANG AIR PAYAU/MASIN DAN UDANG GALAH DARI PUSAT KERAJAAN MENGIKUT PUSAT DAN SPESIES, 2022

PRODUCTION OF BRACKISHWATER AND GIANT FRESHWATER PRAWN FRIES FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2022

(KUANTITI DALAM EKOR/QUANTITY IN PIECES)

Spesies (Species) Pusat Penetasan (Hatchery)	Pengeluaran (Ekor) Production (Pieces)											
	Udang Harimau Tiger Prawn		Udang Putih Hawaiian White shrimp		Udang Galah Giant Freshwater Prawn				Udang Kara Redclaw Freshwater Prawn		Jumlah Total	
	Nauplii (AP) Nauplii	Benih (AP) Fry	Nauplii (AP) Nauplii	Benih (AP) Fry	Nauplii (AT) Nauplii	Benih (AT) Fry	Nauplii (AP) Nauplii	Benih (AP) Fry	Nauplii (AT) Nauplii	Benih (AT) Fry	Nauplii Nauplii	Benih Fry
PPUG Kg. Acheh, Perak (Manjung)	-	-	-	-	-	7,124,199	-	-	-	-	-	7,124,199
PPPIL Tg. Demong, Terengganu	-	-	-	-	-	-	-	-	-	-	-	-
FRI Pulau Sayak, Kedah	-	-	-	152,800	-	-	6,539,000	164,000	-	-	6,539,000	316,800
*FRI Gelang Patah, Johor	-	-	-	-	-	-	-	-	-	-	-	-
**FRI Glami Lemi, Negeri Sembilan	-	-	-	-	-	-	-	-	-	-	-	-
PPUG Belawai, Tg. Manis	-	-	10,000	4,000	-	-	-	-	-	-	10,000	4,000
Jabatan Pertanian Sarawak (Bahagian Perikanan Darat)	-	-	-	-	-	-	-	-	-	-	-	-
Sabah	-	-	-	-	-	-	-	-	-	-	-	-
Labuan	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah/Total	-	-	10,000	156,800	-	7,124,199	6,539,000	164,000	-	-	6,549,000	7,444,999

* FRI Gelang Patah hanya menumpukan aktiviti kajian ikan dan udang sahaja

FRI Gelang Patah focus only on fish and prawn research activities

** FRI Glami Lemi hanya menumpukan aktiviti penyelidikan sahaja

FRI Glami Lemi focus only on research activities



MALAYSIA
PENGELUARAN BENIH DAN REGA IKAN MARIN/AIR PAYAU DARI HATCHERI IKAN KERAJAAN MENGIKUT PUSAT DAN SPESIES, 2022
PRODUCTION OF BRACKISHWATER FISH FRIES AND HATCHLINGS FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2022
(KUANTITI DALAM EKOR/QUANTITY IN PIECES)

Spesies (Species) Pusat Penetasan (Hatchery)	Rega/Hatchling Benih/Fry	Pengeluaran (Ekor) Production (Pieces)																				Jumlah Total
		Kerapu Grouper	Kerapu Harimau Grouper	Kerapu Hibrid Grouper	Jenahak John's Snapper	Siakap Sea bass	Siakap Merah Mangrove Red Snapper	Merah Red Snapper	Tilapia Merah Red Tilapia	Gerong Belang	Ikan Jiti / GT Giant Trevallay	Siput Sudu Mussels	Tiram Oysters	Siput Manis	Ketam Crabs	Kerang Cockles	Clownfish	Kuda Laut Sea Horse	Batu Karang Coral	Balat Sea Cucumber	Pelbagai Others	
PPPiL Tg. Demong, Terengganu	Rega/Hatchling Benih/Fry	-	-	-	-	63,580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63,580
FRI Pulau Sayak, Kedah (K.Muda)	Rega/Hatchling Benih/Fry	-	-	-	-	4,000,000	-	-	-	-	-	-	1,030,000	-	-	-	-	-	-	-	-	4,000,000
*FRI Gelang Patah, Johor	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	600	-	-	-	-	-	-	-	-	600
PIH Port Dickson	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jabatan Pertanian Sarawak (Bahagian Perikanan Darat)	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPBiL Santubong, Kuching	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPUG Belawai, Tg. Manis	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pusat Pembenihan Ikan Marin Sabah, Tg. Badak, Tuaran	Rega/Hatchling Benih/Fry	-	-	-	-	10,562,500	-	-	-	-	-	-	-	-	-	-	-	-	-	6,400	-	10,568,900
Labuan	Rega/Hatchling Benih/Fry	-	-	-	-	549,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	549,000
Jumlah/Total	Rega/Hatchling Benih/Fry	-	0	0	-	10,626,080	-	-	-	-	-	-	1,030,000	-	-	-	-	-	-	6,400	-	11,662,480
		-	-	-	-	5,207,340	-	-	-	-	-	-	600	-	-	-	-	-	-	-	-	5,207,940

* FRI Gelang Patah hanya menumpukan aktiviti kajian ikan dan udang sahaja
FRI Gelang Patah focus only on fish and prawn research activities



MALAYSIA
BILANGAN DAN PENGELUARAN HATCHERI BENIH DAN REGA IKAN AIR TAWAR SWASTA MENGIKUT NEGERI, 2022
NUMBER AND PRODUCTION OF PRIVATE FRESHWATER FISH FRIES AND HATCHLINGS HATCHERIES BY STATE, 2022
(KUANTITI DALAM EKOR/QUANTITY IN PIECES)

Negeri State	Bilangan Hatcheri No. of Hatcheries	Rega/Benih Hatching/Fry	Pengeluaran (Ekor) / Production (Pieces)																																					
			Lampam Jawa Javanese Carp	Lampam Sungai River Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Tilapia Hitam Black Tilapia	Tilapia Gift	Patin River Catfish	Tilapia Merah Red Tilapia	Keli Freshwater Catfish	Baung River Catfish	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Kap Susu Carp	Jelawat River Carp	Puyu Climbing Perch	Rohu	Bawal Merah	Kelah River Carp	Ketutu Goby	Haruan	Kalul Giant Gouramy	Catla Indian Carp	Tomoleh	Tenggalan	Sword Tail	Guppy	Platy	Terbol	Sebarau	Kiri Lampam	Pacu	Koi	Cherax	Jade Perch	Pelbagai Others	Jumlah Total		
Perlis	3	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
Kedah	35	Rega/Hatching Benih/Fry	10,100	-	-	-	-	-	870	1,050,928	8,553,502	893	-	-	-	-	2,339,500	-	-	-	110,000	285	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,066,078
Pulau Pinang	11	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	28,000	877,100	-	-	-	-	-	390,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,295,100
Perak	40	Rega/Hatching Benih/Fry	4,641,000	-	19,942,500	-	40,674,000	2,320,000	75,970,000	87,119,500	437,108,000	4,350,000	10,000	246,000	5,336,500	4,198,500	26,105,000	6,809,000	-	-	-	-	-	193,300	-	-	-	-	-	-	-	698,000	-	-	-	-	-	-	715,721,300	
Selangor	33	Rega/Hatching Benih/Fry	-	24,700	-	40,000	-	-	1,174,900	10,167,500	96,880,600	22,000	-	-	-	113,430	241,000	-	-	8,056.00	144,500	238,300.00	-	-	-	-	-	-	-	-	-	426	20,600	-	26,978	-	400	-	109,103,390	
Negeri Sembilan	40	Rega/Hatching Benih/Fry	433,720	-	169,499	-	-	-	-	8,758,800	3,356,400	2,477,700	-	-	-	6,072	188,137	-	-	8,940	-	111,900	-	-	-	-	-	-	-	-	-	-	-	-	-	15,000	-	-	15,526,168	
Melaka	12	Rega/Hatching Benih/Fry	20	-	200	2,200	1,500	-	2,300	718,000	2,455,100	-	-	400	-	-	485,200	-	-	-	1,823	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,666,743	
Johor	15	Rega/Hatching Benih/Fry	115,000	10,000	-	-	-	-	77,000	7,114,505	17,266,420	30,000	-	-	-	-	-	-	-	15,808	257,000	807,037	-	-	-	-	-	-	-	-	-	70,000	-	-	-	666,600	-	-	26,429,370	
Pahang	26	Rega/Hatching Benih/Fry	67,300	-	-	-	-	-	4,076,510	3,878,838	6,282,434	207,700	-	-	-	-	316,400	-	-	30,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	14,859,582	
Terengganu	22	Rega/Hatching Benih/Fry	-	10,000	-	-	62,000	-	719,500	1,290,432	408,124	254,900	-	-	-	-	-	-	-	45,760	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,790,716	
Kelantan	32	Rega/Hatching Benih/Fry	-	-	-	-	-	25,000	4,545,200	2,737,895	35,785,033	-	-	-	-	-	66,328	-	-	53,931	-	-	-	-	-	-	-	-	-	-	-	-	37,773	-	-	-	-	-	43,251,160	
Sarawak	21	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	321,300	149,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,397,000	-	1,867,300	
Sabah	40	Rega/Hatching Benih/Fry	226,190	-	-	-	90,110	1,110,469	9,465	2,154,450	424,735	-	173,798	-	-	40,240	4,910	-	-	-	-	6,852	-	-	-	-	-	-	-	-	-	-	-	-	-	-	283,250	-	4,524,469	
Labuan	-	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jumlah/Total	330	Rega/Hatching Benih/Fry	5,493,330	44,700	20,112,199	42,200	40,827,610	3,455,469	86,575,745	125,340,148	609,546,448	7,343,193	184,198	246,000	5,336,500	4,358,242	30,136,475	6,809,000	-	162,895	513,323	1,157,522	6,852	193,300	-	-	-	-	-	-	70,426	20,600	698,000	64,781	-	681,600	1,680,650	951,101,375		

Pelbagai - Spesies tidak dinyatakan oleh negeri
Others - Species not mentioned by state

Sarawak (Pelbagai Pacu)
Pelbagai Sabah: Ikan Hilsan- 176,609, Pelbagai-106,641, Belais- 33,000, Jenahak - 1700

Perak : Kap Rumput 3,560,000 + kap susu 870,000



MALAYSIA
BILANGAN DAN PENGELUARAN HACHERI BENIH DAN NAUPLII UDANG SWASTA MENGIKUT NEGERI, 2022
NUMBER AND PRODUCTION OF PRIVATE PRAWN FRIES AND NAUPLII HATCHERIES BY STATE, 2022
 (KUANTITI DALAM EKOR/QUANTITY IN PIECES)

Negeri State	Bilangan Hatcheri No. of Hatcheries	Pengeluaran (Ekor) Production (Pieces)										
		Udang Harimau Tiger Prawn		Udang Putih Hawaiian White Prawn		Bil. Pusat No. of Hatcheries	Udang Galah Giant Freshwater Prawn				Udang Kara Redclaw Freshwater Prawn	
		Nauplii (AP) Nauplii	Benih (AP) Fry	Nauplii (AP) Nauplii	Benih (AP) Fry		Rega (AT) Larvae	Benih (AT) Juvenile	Rega (AP) Larvae	Benih (AP) Juvenile	Rega (AT) Larvae	Benih (AT) Juvenile
Perlis	-	-	-	-	-	-	-	-	-	-	-	-
Kedah	2	-	-	-	69,447,236	22	-	-	-	-	-	260,351
Pulau Pinang	9	-	253,280,000	-	692,053,540	6	-	25,960,000	-	5,475,000	-	1,490
Perak	13	-	685,545,000	32,853,800	51,263,550	20	-	10,622,000	-	1,473,000	-	4,780
Selangor	5	-	12,100,000	-	106,000,000	3	-	259,100	-	-	-	2,930
Negeri Sembilan	1	-	-	-	700.00	13	-	8,953,426	-	-	-	495
Melaka	-	-	-	-	-	4	-	-	-	16,000	-	47,978
Johor	4	-	150,450,000	2,166,231,020	59,277,848	1	-	-	-	795,000	-	-
Pahang	2	774,500,000	638,125,000	214,000,000	619,653,500	-	-	-	-	-	-	1,850
Terengganu	1	-	-	108,649,290	68,301,450	1	-	9,000	-	-	-	-
Kelantan	1	-	-	-	1,000	3	-	-	-	-	-	5,904
Sarawak	1	-	-	-	135,650,000	-	-	-	-	-	-	-
Sabah	4	-	10,000,000	-	1,178,640,000	-	-	-	-	-	-	-
Labuan	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah/Total	43	774,500,000	1,749,500,000	2,521,734,110	2,980,288,824	73	-	45,803,526	-	7,759,000	-	325,778

MALAYSIA



BILANGAN DAN PENGELUARAN HATCHERI IKAN MARIN/AIR PAYAU SWASTA MENGIKUT NEGERI, 2022
NUMBER AND PRODUCTION OF PRIVATE BRACKISHWATER FISH FRIES AND HATCHLINGS HATCHERY BY STATE, 2022
(KUANTITI DALAM EKOR/QUANTITY IN PIECES)

Negeri State	Bilangan Hatcheri No. of Hatcheries	Rega/Benih Hatchling/Fry	Pengeluaran (Ekor)										Production (Pieces)						
			Kerapu Grouper	Kerapu Hybrid Hybrid Grouper	Kerapu Harimau Dragon Grouper	Jenahak John's Snapper	Siakap Sea bass	Siakap Merah Mangrove Red Snapper	Merah Red Snapper	Tilapia Merah Red Tilapia	Bawal Emas	Tiram Oysters	Ketam Crab	Ketam Nipah	Belais/ Dengkis Rabbitfish	Pelbagai Others	Benih Kerang Cockle Seed (kg)	Jumlah Total	
Perlis	0	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kedah	16	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	4,050.00	180,550.00	-	-	7,500.00	-	8,295,567.00	-	-	-	-	-	-	-	-	8,487,667	
Pulau Pinang	25	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	-	954,000	-	379,686	1,649,900	-	1,702,100	-	1,312,578	485,500	-	-	15,200	-	-	6,498,964	
Perak	27	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	398,000	-	-	-	398,000.00	
		Benih/Fry	91,140	27,911	0	73,900	1,106,440	-	-	-	3,071,475	-	-	-	-	-	-	4,370,866	
Selangor	15	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	44,099	102,699	0	110,251	148,662	-	55,124	-	-	-	-	-	-	-	-	460,835	
Negeri Sembilan	3	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	-	42,800	-	-	932,560	-	-	-	-	-	-	-	-	-	-	975,360	
Melaka	2	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Johor	11	Rega/Hatchling	-	820,000	-	860,000	-	-	-	-	-	-	-	-	-	-	-	1,680,000	
		Benih/Fry	279,002	230,000	-	967,446	540,983	-	3,151,313	-	-	-	-	-	-	259,672	-	5,428,416	
Pahang	10	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	-	-	-	-	10,000	-	-	196,500	-	-	-	-	-	-	-	206,500	
Terengganu	213	Rega/Hatchling	-	-	-	-	586,000,000	-	-	-	-	-	-	-	-	-	-	586,000,000	
		Benih/Fry	16,500	448,270	0	-	10,778,194	-	-	-	-	-	-	-	-	-	-	11,242,964	
Kelantan	12	Rega/Hatchling	-	148,000.00	-	-	5,000,000	-	-	-	-	-	-	-	-	-	-	5,148,000	
		Benih/Fry	-	-	-	-	428,025	-	-	23,500	-	-	-	-	-	-	-	451,525	
Sarawak	7	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	-	-	-	-	-	-	-	-	-	69,965	-	-	-	-	-	69,965	
Sabah	16	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	-	355,500	200	-	385,450	-	1,100	-	-	-	-	-	-	34,700	-	776,950	
Labuan	-	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jumlah/Total	322	Rega/Hatchling	-	968,000	-	860,000	591,000,000	-	-	-	-	-	398,000	-	-	-	-	593,226,000	
		Benih/Fry	434,791	2,341,730	200	1,531,283	15,987,714	-	13,205,204	220,000	4,384,053	485,500	69,965	-	-	309,572	-	38,970,012	

Pelbagai - Spesies tidak dinyatakan oleh negeri
Others - Species not mentioned by state

*Kuantiti benih Kerang dalam kilogram (kg)
Cockle seed quantity is in kg

*Jumlah tidak termasuk benih kerang
Total is not include Cockle

MALAYSIA
PELEPASAN BENIH IKAN DAN UDANG KE PERAIRAN UMUM MENGIKUT NEGERI DAN SPECIES, 2022
RELEASED OF FISH AND PRAWN FRIES INTO PUBLIC WATERBODIES BY STATE AND SPECIES, 2022
(KUANTITI DALAM EKOR / QUANTITY IN PIECES)

Negeri State	Pelepasan Ke Perairan Umum / Released into Public Waters																														Jumlah Total																	
	Lampam Jawa Javanese Carp	Lampam Sungai River Carp	Lampam Kunyit Carp	LAMPAM KRAI	Puyu Cimbing Pech	Baung River Catfish	BAUNG KUNING	BAUNG SUNGAI	Tengas Carp	Tengalan Cap/Barr	Jelawat River Carp	Kelah River Carp	Kap Kepala Besar	Kap Rumpit Grass Carp	Temoleh Malaysian Carp	Patin River Catfish	Titapia Merah Red Tilapia	Terbul Carp	Keral Carp	Keral Lampam Carp	Keral Kunyit Carp	Lee Koh Common Carp	Lomah Carp	Ketutu Goby	Temakang Kissing Gouramy	Kelul Giant Gouramy	Siakap Sea bass	Siakap Merah Mangrove Red Snapper	Empurau	Sebaru		BETTA IMBELLIS	BETTA LIVIDA	Jenahak Mangrove Snapper	TENGADAK	Udang Harimau Tiger Prawn	Udang Galah Giant Fresh-water Prawn	Ketam Nipah	Pelbagai Others									
Perlis	-	25,000	-	-	-	16,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141,000							
Kedah	-	50,000	-	-	35,000	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	205,000						
Pulau Pinang	-	-	-	-	-	32,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132,000						
Perak	-	728,500	-	-	-	151,850	-	-	-	-	10,000	-	-	-	-	-	-	53,000	-	-	-	-	-	-	-	-	-	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,131,968	-	-	4,105,318		
Selangor	-	149,600	-	80	4,000	-	200	50	-	-	-	800	-	-	-	20	-	13,000	-	-	-	-	-	-	-	-	-	-	-	-	1,000	150	350	-	-	-	-	-	-	-	-	-	393,450					
W.P. Putrajaya	-	10,000	-	-	-	-	-	-	-	-	-	200	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115,400					
Negeri Sembilan	-	140,000	-	-	-	12,500	-	-	-	-	-	720	-	-	-	-	-	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	203,220					
Melaka	-	110,000	-	-	-	-	-	21,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	234,560	-	-	366,160		
Johor	-	147,500	-	-	1,000	-	-	112,000	2,000	-	-	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	335,000	20,700	-	645,400	
Pahang	-	383,600	-	-	-	139,000	-	-	-	-	-	4,270	-	-	-	-	-	51,350	1,300	-	-	-	-	-	-	-	-	5,200	-	-	15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	436,200	-	-	1,035,920
Terengganu	-	150,000	-	-	-	52,800	-	-	-	-	-	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	454,600	150	-	660,100
Kelantan	-	152,000	-	-	47,000	50,000	-	118,000	-	-	-	-	-	-	-	-	-	32,000	-	-	-	-	-	-	-	-	-	-	-	-	15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	550,000	-	-	964,000
Sarawak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,160			
DOK Sarawak	110,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	190,600			
Sabah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
Labuan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,500		
Jumlah / Total	110,000	2,046,200	-	80	87,000	474,150	200	251,650	2,000	-	10,000	7,140	-	-	200	20	-	159,350	1,300	-	-	-	-	-	-	-	-	66,200	-	160	32,100	150	350	-	28,400	1,500	5,859,728	35,350	-	-	-	-	9,173,228					

Pelbagai - Spesies tidak dinyatakan oleh negeri

Others - Species not mentioned by state

Pelbagai N. Sembilan - 30 Tapah

Pelbagai Terengganu - 400 haruan

Pelbagai Sarawak- 55505 Tenggadak



MALAYSIA
 PENGAGIHAN BENIH IKAN DAN UDANG AIR TAWAR KEPADA PENTERNAK MENGIKUT NEGERI DAN SPESIES , 2022
 DISTRIBUTION OF FRESHWATER FISH FRIES TO CULTURISTS BY STATE AND SPECIES, 2022
 (KUANTITI DALAM EKOR / QUANTITY IN PIECES)

Negeri State	Lampam Jawa Javanese Carp	Lampam Sungai River Carp	Krai Lampam Puntius Hybrid	Baung River Catfish	Empurau Tor Tambroides	Kelah River Carp	Lee Koh Common Carp	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Tilapia GIFT Tilapia	Patin River Catfish	Keli Freshwater Catfish	Puyu Climbing Perch	Temoleh	Terubul	Rohu	Sebarau	Sepat Siam Snakeskin Gouramy	Jelawat River Carp	Udang Galah Giant Freshwater Prawn	Udang Kara Redclaw Freshwater Prawn	Pelbagai Others	Jumlah Total
Perlis	-	-	-	-	-	-	-	-	-	-	-	102,000	32,000	-	-	-	-	-	-	-	-	-	134,000
Kedah	5,000	200	-	-	-	-	-	-	56,500	64,400	-	781,400	38,500	-	-	-	-	-	-	-	-	-	946,000
Pulau Pinang	-	-	-	-	-	-	-	-	50	50	-	-	-	-	-	-	-	-	-	-	-	-	100
Perak	190,642	-	-	-	-	-	-	-	7,200	-	-	372,205	148,000	-	-	-	-	-	43,400	-	-	15,813	777,260
Selangor	-	-	-	-	-	-	-	-	-	-	-	445,580	50	-	-	-	-	-	-	-	-	2,909	448,539
Negeri Sembilan	-	-	-	-	-	-	-	-	-	7,000	-	36,000	-	-	-	-	-	-	-	-	-	-	43,000
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Johor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pahang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
Terengganu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kelantan	-	-	-	-	-	-	-	-	488,800	-	-	389,003	400	-	-	-	-	-	-	-	-	-	878,203
Sarawak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sabah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Labuan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Putrajaya	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50
Jumlah/Total	195,642	200	-	-	-	-	-	-	552,550	71,450	-	2,126,188	218,950	-	-	-	-	-	43,400	-	-	18,775	3,227,155

Pelbagai - Spesis tidak dinyatakan oleh negeri

Others - Species not mentioned by state



MALAYSIA
PENGAGIHAN BENIH MARIN/AIR PAYAU KEPADA PENTERNAK MENGIKUT NEGERI DAN SPESIES , 2022
DISTRIBUTION OF MARINE FRIES TO CULTURISTS BY STATE AND SPECIES, 2022
(KUANTITI DALAM EKOR / QUANTITY IN PIECES)

Negeri <i>State</i>	Kerapu <i>Grouper</i>	Kerapu Harimau <i>Grouper</i>	Kerapu Hibrid <i>Grouper</i>	Jenahak <i>John's Snapper</i>	Merah <i>Red Snapper</i>	Tilapia Merah <i>Red Tilapia</i>	Siakap <i>Sea bass</i>	Ikan Jiti / GT <i>Giant Trevally</i>	Ikan Susu/ Baulu <i>Milkfish</i>	Udang Harimau <i>Tiger Prawn</i>	Udang Putih <i>White Shrimp</i>	Siput Sudu/ Kupang <i>Mussels</i>	Tiram <i>Oysters</i>	Balat/ Teripang <i>Sea cucumber</i>	Benih Kerang <i>Cockle Seed (kg)</i>	Pelbagai <i>Others</i>	Jumlah <i>Total</i>
Pertlis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kedah	-	-	-	-	-	-	-	-	-	-	145,800	-	600	-	-	-	146,400
Pulau Pinang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Negeri Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Johor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pahang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Terengganu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kelantan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sarawak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sabah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Labuan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah/Total	-	-	-	-	-	-	-	-	-	-	145,800	-	600	-	-	-	146,400

Pelbagai - Spesies tidak dinyatakan oleh negeri
Others - Species not mentioned by state