

MALAYSIA

PENGELUARAN HATCHERI BENIH DAN REGA IKAN DAN UDANG MENGIKUT NEGERI, 2023
PRODUCTION OF FISH AND PRAWN FRIES AND HATCHLINGS HATCHERIES BY STATE, 2023

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	-	-	-	-	-	216,280	-	-	-	216,280	-	-
Kedah	-	1,239,502	-	483,705	-	14,453,278	-	29,204,394	-	15,692,780	-	29,688,099
Pulau Pinang	-	-	-	-	-	6,283,200	-	287,542,138	-	6,283,200	-	287,542,138
Perak	-	11,394,213	-	-	-	467,805,650	50,625,500.00	692,625,083	-	479,199,863	50,625,500	692,625,083
Selangor	-	-	-	-	-	108,480,340	-	91,420,705	-	108,480,340	-	91,420,705
Negeri Sembilan	-	59,060	-	-	-	19,793,270	-	3,901,556	-	19,852,330	-	3,901,556
Melaka	-	-	-	-	-	1,361,138	-	-	-	1,361,138	-	-
Johor	-	420.00	-	-	-	26,058,267	1,744,377,389	940,734,548	-	26,058,687	1,744,377,389	940,734,548
Pahang	-	4,930,791	-	-	-	13,536,920	1,900,000,000	3,237,102,200	-	18,467,711	1,900,000,000	3,237,102,200
Terengganu	-	-	-	201,710	-	4,210,560	166,443,614	90,111,093	-	4,210,560	166,443,614	90,312,803
Kelantan	50,000	294,000	-	-	-	39,928,490	-	116,600	50,000	40,222,490	-	116,600
Sarawak	-	5,258,649	-	1,222,963	-	122,700	-	152,437,950	-	5,381,349	-	153,660,913
Sabah	-	439,050	7,866,000.00	477,220	-	2,597,110	-	665,930,000	-	3,036,160	7,866,000	666,407,220
Labuan	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah/Total	50,000	23,615,685	7,866,000	2,385,598	-	704,847,203	3,861,446,503	6,191,126,267	50,000	728,462,888	3,869,312,503	6,193,511,865



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PENGELUARAN BENIH DAN REGA IKAN AIR TAWAR DARI HATCHERI IKAN KERAJAAN MENGIKUT PUSAT DAN SPESIES, 2023
PRODUCTION OF FRESHWATER FISH FRIES AND HATCHLINGS FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2023
(KUANTITI DALAM EKOR/QUANTITY IN PIECES)

Jadual (Table) 39.1

Species (Spesies) Pusat Pembesarkan (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 Climbing Perch	Jelawat River Carp	Keli Freshwater Catfish	Baung River Catfish	Ketulu Morio Goby	Empurau	Rohu	Blawan	Terbol Carp	Kerai	Kerai Lampam	Patin	Sebarau Carp	Kelah River Carp	Temoleh	Patin Buah	Angel	Arowana	Sword Tail	Koi	Platty	Betta	Molly	Guppy	Sepat	Ikan Emas	Sepat Siam SnakeSkin Gourami	Pelbagai Others	Jumlah Total	
PPA Bukit Tinggi, Pahang (Bentong)/ Kuantan	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		309,500	256,700				908,100	67,000		962,400	319,600									141,900																2,965,200	
PPA Jitra, Kedah (Kubang Pasu)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		124,200	411,300		123,750		100,450	115,002		364,800																										1,239,502	
*PH Enggor, Perak (K.Kangsar)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		875,021					50,050	531,600	124,000	2,522,402															400	1	90		391	704	290	327	2,221			10	4,107,507
**FRI Glani Lemi, Negeri Sembilan	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
							47,660				3,800									7,500								100								59,060	
FRI Gelang Patah, Johor (Kota Tinggi)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
							420																													420	
PPA Machang, Kelantan	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
							270,500			50,000	23,500																									50,000	
PPA Tapaah, Perak (Batang Padang)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
							174,750	403,500		1,461,000	173,000					49,000				782,000																3,043,250	
PPA Banting, Perak (Hulu perak)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		44,000	74,500						20,000		10,000					21,500																				170,000	
PPUG Kg. Achek, Perak (Manjung)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
							200,000																													200,000	
PPA Perlok, Pahang (Jerantut)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			540,300				23,805	125,800		496,120	54,400					233,000		241,860	237,250	9,500	3,556															1,965,591	
Sarawak Sarawak)	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		1,124,329	68,820	174,209			97,606		68,977	33,988			27,600																							72,620	1,668,149
Sabah	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		70,400		11,000	164,850	58,890	116,960	550		200										200																439,050	
Labuan	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jumlah/Total	Rega/Hatching Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		2,547,450	1,351,620	185,209	288,600	58,890	1,990,301	1,243,452	212,977	5,864,410	560,800	0	27,600	0	0	303,500	0	241,860	1,168,850	9,500	3,556	0	0	0	400	1	90	100	391	704	290	327	2,221	0	1,000	87,630	16,151,729

Nota: Sumber data "Bold" daripada Bahagian Akuakultur

* PH Enggor hanya mengeluarkan ikan hiisan sahaja

** PH Enggor produce aquarum fish only

** FRI Glani Lemi hanya menumpukan aktiviti penyelidikan sahaja

FRI Glani Lemi focus only on research activities

FRI Gelang Patah & PPUG (Manjung) - Pusat baru ditambah tahun 2023

Pelbagai - Spesies tidak dinyatakan oleh negeri

Others - Species not mentioned by state

Pelbagai Sarawak - Tengadak



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Jadual (Table) 39.2

PENGELUARAN BENIH UDANG AIR PAYAU/MASIN DAN UDANG GALAH DARI PUSAT KERAJAAN MENGIKUT PUSAT DAN SPESIES, 2023

PRODUCTION OF BRACKISHWATER AND GIANT FRESHWATER PRAWN FRIES FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2023

(KUANTITI DALAM EKORI/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)	-	-	-	-	-	3,873,456	-	-	-	-	-	3,873,456
PPIL Tg. Demong, Terengganu	-	-	-	-	-	-	-	-	-	-	-	-
FRI Pulau Sayak, Kedah	-	18,267	-	367,780	-	-	-	97,658	-	-	-	483,705
*FRI Gelang Patah, Johor	-	-	-	-	-	-	-	-	-	-	-	-
**FRI Glami Lemi, Negeri Sembilan	-	-	-	-	-	-	-	-	-	-	-	-
PPUG Belawai, Tg. Manis	-	-	-	-	-	-	-	-	-	-	-	-
Jabatan Pertanian Sarawak (Bahagian Perikanan Darat)	-	-	-	-	-	3,590,500	-	-	-	-	-	3,590,500
Sabah	-	-	-	-	-	-	-	-	-	-	-	-
Labuan	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah/Total	-	18,267	-	367,780	-	7,463,956	-	97,658	-	-	-	7,947,661

Nota: Sumber data 'Bold' daripada Bahagian Akuakultur

* 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 MARINIAIR PAYAU DARI HATCHERI IKAN KERAJAAN MENGIKUT PUSAT DAN SPESIES, 2023
 PRODUCTION OF BRACKISHWATER FISH FRIES AND HATCHLINGS FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2023
 (KUANTITI DALAM EKOR/QUANTITY IN PIECES)

Spesies (Species) Pusat Penetasan (Hatchery)	Regal/Hatchling Benih/Fry	Pengeluaran (Ekor) Production (Pieces)																					
		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	Ikan Susu / Milkfish	Siput Sudu Mussels	Tiram Oysters	Siput Manis	Ketam Crabs	Kerang Cockles	Clownfish	Kuda Laut Sea Horse	Batu Karang Coral	Balat Sea Cucumber	Pelbagai Others	Jumlah Total
PPPII Tg. Demong, Terengganu	Regal/Hatchling Benih/Fry	-	-	-	-	119,780	-	-	-	-	-	81,930	-	-	-	-	-	-	-	-	-	-	201,710
FRI Pulau Sayak, Kedah (K.Muda)	Regal/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
*FRI Gelang Patah, Johor	Regal/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIH Port Dickson	Regal/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jabatan Pertanian Sarawak (Bahagian Perikanan Darat)	Regal/Hatchling Benih/Fry	-	-	-	-	1,213,325	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,213,325
PPBIL Santubong, Kuching	Regal/Hatchling Benih/Fry	-	-	-	-	9,638	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,638
PPUG Belawai, Tg. Manis	Regal/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pusat Pembenihan Ikan Marin Sabah, Tg. Badak, Tuaran	Regal/Hatchling Benih/Fry	-	-	-	-	7,866,000	-	-	-	-	-	-	-	-	-	50,220	-	-	-	-	12,500	-	7,866,000
	Benih/Fry	-	-	-	-	414,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	477,220
Labuan	Regal/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah/Total	Regal/Hatchling	-	0	0	-	7,866,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,866,000
	Benih/Fry	-	-	-	-	1,757,243	-	-	-	-	-	81,930	-	-	-	50,220	-	-	-	-	12,500	-	1,901,893

Nota: Sumber data 'Bold' daripada Bahagian Akuakultur

* 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, 2023
NUMBER AND PRODUCTION OF PRIVATE FRESHWATER FISH FRIES AND HATCHINGS/HATCHERIES BY STATE, 2023
(Kuantiti dalam ekor/quantity in pieces)

Negeri State	Bilangan Hatcheri No. of Hatcheries	Rega/Benih No. of Hatchlings/Fry	Pengeluaran (Ekor) / Production (Pieces)																														Jumlah Total									
			Lampam Jawa Java Carp	Lampam Sungai River Carp	Lee Koh Common Carp	Sepat Siam Siamese Gouramy	Tilapia Hiam Black Tilapia	Tilapia Gilt	Patin River Catfish	Tilapia Merah Red Tilapia	Kel Freshwater Catfish	Buang River Catfish	Kap Rumpot Grass Carp	Kap Kepala Besar Big Head Carp	Kap Susu Carp	Kap Basa Common Carp	Jekelat River Carp	Puyu Climbing Perch	Rohu	Bawal Merah	Keloh River Carp	Keludu Goby	Haruan	Kalut Giant Gouramy	Catla Indian Carp	Temoleh	Tenggalan	Sword Tail	Guppy	Platy	Terbol	Sebarau		Kral Lampam	Pacu	Koi	Cheras	Jade Perch	Pelbagai Others			
Perlis	3	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	211,000		
Kedah	54	Rega/Hatchling Benih/Fry	-	40,400	-	49,540	2,000	-	-	11,400	1,040,599	12,235,550	4,405	-	-	-	-	-	211,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,526,244	
Pulau Pinang	10	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	1,510,000	-	-	-	-	-	-	306,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,816,000	
Perak	60	Rega/Hatchling Benih/Fry	4,067,500	-	10,368,000	-	16,550,000	13,600,000	47,522,000	61,243,000	281,689,200	5,279,000	2,218,800	1,647,000	2,964,000	-	3,029,000	1,685,000	5,962,000	-	-	-	-	-	1,189,100	-	-	-	-	-	-	-	-	497,000	-	-	-	-	-	459,610,600		
Selangor	45	Rega/Hatchling Benih/Fry	-	33,000	-	-	-	10,000	341,800	10,963,300	95,962,200	-	-	-	-	-	5,000	229,480	-	25,115.00	116,500	509,750.00	-	-	1,000.00	-	-	-	-	-	-	-	4,000	35,000	-	5,180	-	-	-	-	109,241,325	
Negeri Sembilan	47	Rega/Hatchling Benih/Fry	362,435	-	66,140	-	-	-	9,146,116	3,307,901	1,531,945	-	-	-	-	64,700	58,100	-	5,390	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,000	-	-	-	14,588,817	
Melaka	11	Rega/Hatchling Benih/Fry	-	-	500	-	-	1,000	360,600	888,095	-	-	-	-	-	-	98,000	-	-	2,525	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,351,220	
Johor	27	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	262,000	4,668,206	19,296,800	337,600	-	-	-	-	-	-	-	169,080	262,900	318,081	-	-	-	-	-	-	-	-	-	-	107,000	-	-	-	-	-	589,600	-	-	26,958,267
Pahang	36	Rega/Hatchling Benih/Fry	24,500	-	-	-	-	-	7,531,600	3,041,300	2,632,600	168,250	-	-	-	-	-	-	134,820	-	3,850	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,536,920	
Terengganu	33	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	2,129,000	918,600	856,600	268,700	-	-	-	-	-	-	37,560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,209,460	
Kelantan	55	Rega/Hatchling Benih/Fry	2,500	-	-	-	55,000	240,000	2,894,000	1,576,600	35,135,500	-	-	-	-	-	-	16,000	-	13,520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39,921,120	
Sarawak	21	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	-	122,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122,700	
Sabah	55	Rega/Hatchling Benih/Fry	267,085	-	13,380	-	5,900	45,200	3,500	1,407,475	546,216	-	-	-	233,499	34,675	100	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	-	2,640	-	-	-	37,415	-	2,597,110	
Labuan	-	Rega/Hatchling Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jumlah/Total	452	Rega/Hatchling Benih/Fry	4,813,410	33,000	10,497,560	2,000	16,610,900	13,895,200	60,686,300	94,488,496	454,659,662	7,589,900	2,218,800	1,647,000	2,964,000	233,499	3,133,375	2,878,150	5,962,000	-	253,515	395,625	866,431	25	1,189,100	1,000	-	-	-	-	-	-	111,000	35,000	497,000	7,820	-	595,600	37,415	-	684,792,783	

Pelbagai - Spesies tidak dinyatakan oleh negeri

Others - Species not mentioned by state

*Bilangan Hatcheri berdasarkan bilangan pengusaha yang aktif tahun 2023



MALAYSIA
 BILANGAN DAN PENGELUARAN HACHERI BENIH DAN NAUPLII UDANG SWASTA MENGIKUT NEGERI, 2023
 NUMBER AND PRODUCTION OF PRIVATE PRAWN FRIES AND NAUPLII HATCHERIES BY STATE, 2023
 (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		Udang Karang Lobster	
		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	Rega (AP) Larvae	Benih (AP) Juvenile
Perlis	-	-	-	-	-	1	-	-	-	-	-	5,280	-	-
Kedah	3	-	-	-	15,950,128	1	-	-	-	-	-	927,034	-	-
Pulau Pinang	8	-	122,000,000	-	141,040,000	2	-	4,460,000	-	13,382,000	-	7,200	-	-
Perak	20	-	454,601,510	50,625,500	217,740,030	18	-	9,195,050	-	1,547,500	-	-	-	-
Selangor	2	-	24,895,568	-	66,325,512	8	-	215,000	-	-	-	24,015	-	-
Negeri Sembilan	-	-	-	-	-	2	-	5,203,570	-	-	-	883	-	3,051,133
Melaka	-	-	-	-	-	2	-	5,000	-	-	-	4,918	-	-
Johor	6	-	214,770,000	1,744,267,389	722,461,559	1	-	-	-	760,000	-	-	-	-
Pahang	8	1,660,000,000	1,597,400,000	240,000,000	1,639,360,000	-	-	-	-	-	-	-	-	-
Terengganu	2	-	-	26,443,614	75,123,555	2	-	-	-	-	-	1,100	-	-
Kelantan	-	-	-	-	-	3	-	-	-	-	-	5,370	-	-
Sarawak	3	-	-	-	152,398,000	-	-	-	-	-	-	-	-	-
Sabah	4	-	-	-	665,901,000	-	-	-	-	-	-	-	-	-
Labuan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah/Total	56	1,660,000,000	2,413,667,078	2,061,336,503	3,696,299,784	40	-	19,078,620	-	15,689,500	-	975,800	-	3,051,133



MALAYSIA

Jadual (Table) 39.6

BILANGAN DAN PENGELUARAN HATCHERI IKAN MARIN/AIR PAYAU SWASTA MENGIKUT NEGERI, 2023
NUMBER AND PRODUCTION OF PRIVATE BRACKISHWATER FISH FRIES AND HATCHLINGS HATCHERY BY STATE, 2023
(KUANTITI DALAM EKOR/QUANTITY IN PIECES)

Negeri State	Bilangan Hatcheri No. of Hatcheries	Rega/Benih Hatchling/Fry	Pengeluaran (Ekor) Production (Pieces)															Jumlah Total
			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/ Dengkilis Rabbitfish	Pelbagai Others	Benih Kerang Cockle Seed (kg)	
Perlis	0	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kedah	33	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	2,269,500	-	47,000	2,363,000	-	8,574,766	-	-	-	-	-	-	-	-	13,254,266
Pulau Pinang	29	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	1,960,000	-	208,080	1,175,738	-	4,623,040	-	463,280	2,690,000	-	-	-	-	-	11,120,138
Perak	33	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	1,304,125	28,500	0	1,018,280	3,066,950	-	753,738	-	12,564,450	-	-	-	-	-	-	18,736,043
Selangor	8	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	199,625	0	-	-	-	-	-	-	-	-	-	-	-	-	199,625
Negeri Sembilan	8	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	6,714	-	-	-	627,709	-	216,000	-	-	-	-	-	-	-	-	850,423
Melaka	2	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Johor	20	Rega/Hatchling	-	60,000	-	50,000	-	-	-	-	-	-	-	-	-	-	-	110,000
		Benih/Fry	-	80,000	-	90,779	998,749	-	1,573,461	-	-	-	-	-	-	-	-	2,742,989
Pahang	12	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	-	-	-	-	-	-	342,200	-	-	-	-	-	-	-	342,200
Terengganu	151	Rega/Hatchling	-	-	-	-	140,000,000	-	-	-	-	-	-	-	-	-	-	140,000,000
		Benih/Fry	155,050	739,565	0	-	14,079,123	-	-	13,800	-	-	-	-	-	-	-	14,987,538
Kelantan	7	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	-	-	-	112,600	-	-	4,000	-	-	-	-	-	-	-	116,600
Sarawak	7	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	-	-	-	-	-	-	-	-	-	10,782	29,168	-	-	-	39,950
Sabah	16	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	-	0	1,000	28,000	-	-	-	-	-	-	-	-	-	-	29,000
Labuan	-	Rega/Hatchling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Benih/Fry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah/Total	282	Rega/Hatchling	-	60,000	-	50,000	140,000,000	-	-	-	-	-	-	-	-	-	-	140,110,000
		Benih/Fry	1,465,889	5,277,190	0	1,365,139	22,451,869	-	15,741,005	360,000	13,027,730	2,690,000	10,782	29,168	-	-	-	62,418,772

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

*Tidak termasuk telur Ketam Nipah 302,000 di Perak dan

*Tidak termasuk telur Siakap 304,000,000 di Terengganu



MALAYSIA
PELEPASAN BENIH IKAN DAN UDANG KE PERAIRAN UMUM MENGIKUT NEGERI DAN SPESIES, 2023
RELEASED OF FISH AND PRAWN FRIES INTO PUBLIC WATERBODIES BY STATE AND SPECIES, 2023
(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 Kuryit Carp	Lampam Krai	Puyu Chinang Perch	Baung River Catfish	Baung Kuning	Baung Sungai	Tengas Carp	Tengalan Carp/Barr	Jelawat River Carp	Kelah River Carp	Kap Kepala Besar	Kap Rumpul Grass Carp	Tenoleh Malaysia Carp	Patin River Catfish	Tilapia Merah Red Tilapia	Terbul Carp	Kerai Carp	Kerai Lampam Carp	Kerai Kuryit Carp	Lee Koh Common Carp	Lomah Carp	Ketutu Goby	Temakang Kajang Gouramy	Kaloi Giant Gouramy		Siakap Sea bass	Siakap Merah Mangrove Red Snapper	Empurau	Sebrau	Betta Imbelis	Betta Livida	Jenahak Mangrove Snapper	Tengadak	Udang Harimau Tiger Prawn	Udang Galah Giant Fresh- water Prawn	Ketam Nipah	Pelbagai Others									
Perlis	-	93,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	256,700							
Kedah	-	213,000	-	-	50,000	38,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	411,760						
Pulau Pinang	-	-	-	-	-	25,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225,000						
Perak	-	767,700	-	-	-	420,000	-	-	-	-	-	-	-	-	1,150	-	-	76,000	-	-	1,000	-	-	-	-	-	-	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	2,432,250						
Selangor	-	35,500	-	-	-	71,000	-	-	-	-	-	900	-	-	-	-	-	-	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	107,700						
W.P. Putrajaya	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Negeri Sembilan	-	15,000	-	-	100	-	-	52,621	-	-	-	200	-	-	-	-	-	15,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123,921					
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100,000						
Johor	-	5,000	-	-	-	225,000	-	-	9,000	-	-	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,000	-	-	-	-	-	-	-	-	-	-	-	200,000	-	-	455,000		
Perang	-	37,000	-	-	-	240,500	-	-	-	-	-	30	-	-	-	-	-	12,000	-	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52,200	-	-	346,730		
Terengganu	-	144,000	-	-	-	16,865	-	-	-	-	-	950	-	-	-	-	-	10,000	-	-	-	-	-	-	-	-	-	-	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	199,000	-	-	374,215	
Kelantan	-	185,500	-	-	8,250	155,500	-	-	8,500	-	-	1,500	-	-	-	-	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	850	-	-	-	-	-	-	-	-	760,000	-	-	1,180,180		
Sarawak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105,000	-	-	199,000	
DQA Sarawak	241,500	11,825	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110,000	-	-	432,125
Sabah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Labuan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,150			
Jumlah / Total	241,500	1,507,725	-	-	58,350	1,191,865	0	52,621	17,500	-	-	5,980	-	-	1,150	-	-	153,000	5,300	5,000	1,000	-	-	-	-	-	-	86,850	-	-	13,000	-	850	-	-	-	105,000	3,095,860	-	-	-	-	6,542,651					

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