



Jilid 1 / Volume 1

# Perangkaan

## TAHUNAN PERIKANAN

*Annual Fisheries Statistics*

# 2020





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# Kata Pengantar

Buku Perangkaan Tahunan Perikanan (Jilid 1) ini mengandungi beberapa seksyen yang merangkumi data dan maklumat penting mengenai industri perikanan Malaysia.

Data dan maklumat ini perlu dikumpul untuk dianalisis dan ianya diterjemahkan ke dalam dasar dan strategik perancangan pembangunan industri perikanan negara.

Dengan terkumpulnya data dan maklumat penting ini, Jabatan dapat merancang supaya industri perikanan berdaya saing dan inovatif di samping memastikan bekalan ikan negara mencukupi.

Jabatan ingin merakamkan setinggi-tinggi penghargaan atas kerjasama semua pihak dalam membekalkan data yang diperlukan. Jabatan juga mengalu-alukan sebarang cadangan untuk memperbaiki mutu penerbitan Buku Perangkaan Tahunan Perikanan di masa akan datang.

## Preface

*This informative Annual Fisheries Statistics Book 2020 (Volume 1) contains several sections covering the important of data and information pertaining to the fisheries industry in Malaysia.*

*These data and information have to be compiled analyzed and transformed into policies and planning strategies for the development of the country's fishing industry.*

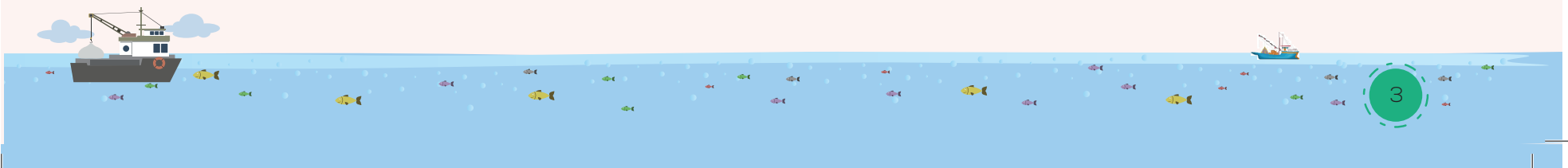
*Only after having all these accumulated data and information, the department will eventually be able to plan for the fishing industry to be more competitive and innovative while ensuring the sustainability of the fishery supply to the nation.*

*Finally the department would also like to acknowledge the co-operation of all the parties concerned in providing the required data. And any other comments and suggestions towards improving our future statistic book are very much welcome.*



A handwritten signature in black ink, appearing to read 'Ahmad Tarmidzi bin Ramly'.

**Ahmad Tarmidzi bin Ramly, AMK**  
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# Nota Keterangan / *Explanatory Notes*

## 1. Jumlah angka-angka komponen mungkin tidak bersamaan dengan angka jumlah kecil atau besar disebabkan pembundaran

*The sum of the component figures may not tally with the sub-total or total figures due to rounding*

## 2. Kiraan usaha menangkap ikan

*Fishing effort*

- |    |   |   |   |
|----|---|---|---|
| a. | <b>Kumulatif trip</b><br><i>Cumulative no. of trips</i>         | = | <b>Unit operasi x purata trip menangkap ikan</b><br><i>No. of fishing units x average fishing trips</i>                       |
| b. | <b>Kumulatif hari</b><br><i>Cumulative no. of days</i>          | = | <b>Unit operasi x purata hari menangkap ikan</b><br><i>No. of fishing units x average fishing days</i>                        |
| c. | <b>Kumulatif kali</b><br><i>Cumulative no. of hauls</i>         | = | <b>Jumlah hari menangkap ikan x purata kali memukat ikan memukat ikan</b><br><i>Total fishing days x average no. of hauls</i> |
| d. | <b>Kumulatif masa</b><br><i>Cumulative no. of hauling hours</i> | = | <b>Jumlah kali memukat ikan x purata masa memukat ikan memukat ikan</b><br><i>Total fishing hauls x average no. of hours</i>  |

## 3. Definisi Akuakultur

*Aquaculture Definition*

- a. **Akuakultur adalah pembiakan benih ikan atau pemeliharaan biak ikan melalui perusahaan ternak keseluruhan atau sebahagian daripada peredaran hidupnya.**

*Aquaculture is the propagation of fish seed or the raising of fish through husbandry during the whole or part of its life cycle.*

- b. **Sistem Kolam adalah sistem ternakan ikan di dalam kolam.**

*Pond Culture System is the system of fish culture in ponds.*



- c. **Sistem Sangkar** adalah sistem untuk memelihara ikan di dalam suatu kepungan yang dibuat daripada apa-apa bahan saringan yang diikat pada struktur yang dilabuhkan pada dasar perairan sungai atau mana-mana tempat di darat.

*Cage Culture System is the system of fish culture in an enclosure on whatever shape or size made of any screening material and attached to floating structures which are anchored to the sea-bed.*

- d. **Sistem Bekas Lombong** adalah sistem untuk memelihara ikan di mana-mana tanah yang pernah (tetapi tidak lagi) diberi atau dikeluarkan pajakan lombong atau sijil lombong di bawah mana-mana undang-undang bertulis mengenai perlombongan.

*Ex-mining Culture System is the system of fish culture on any land in respect of which a mining lease or certificate were once but no longer granted or issued under any written law relating to mining.*

- e. **Sistem Tangki** adalah sistem ternakan ikan di dalam tangki di atas tanah.

*Tank Culture System is the system of fish culture in tanks on land.*

- f. **Sistem Para / Rak** adalah sistem memelihara rumput laut, kerang, tiram, kupang atau kekima pada tali atau dulang yang terampai atau disokong dengan tiang yang melintang daripada apa jua bahan dan tiang melintang ini adalah kemudiannya disokong oleh tiang yang menegak daripada apa jua bahan yang dipacakkan ke dasar laut.

*Rack Culture System is the system of culturing seaweed, cockles, oysters, mussels or clams on ropes or trays suspended or supported from horizontal poles of whatever material and these horizontal poles are in turn supported by vertical poles of whatever material which are driven into the seabed.*

- g. **Sistem Kandang** adalah sistem yang merupakan suatu kepungan yang dibuat daripada bahan pengadang yang dilekatkan pada tiang yang ditanam ke dasar laut dan digunakan bagi maksud membesarkan atau memelihara ikan.

*Pen Culture System is the system of fish culture in an enclosure made of any screening material attached to poles staked to the seabed.*

- h. **Sistem Kultur Di Dasar Laut** adalah sistem memelihara rumput laut, kerang, tiram, kupang atau kekima di dasar laut.

*On-bottom Culture System is the system of culturing seaweeds, cockles, oysters, mussels or clams on the seabed.*



#### 4. Definisi Tuna

##### *Tuna Definition*

- |   |   |  |
|---|---|--|
| <b>a. Tuna Oceanik</b><br><i>Oceanic Tuna</i>             | - | <b>Tuna Sirip Kuning, Tuna Mata Besar dan Albakor</b><br><i>Yellow fin Tuna, Big Eye Tuna and Albacore</i> |
| <b>b. Tuna Neritik</b><br><i>Neritic Tuna</i>             | - | <b>Aya Hitam, Aya Kurik, Aya Selasih dan Aya Jalur</b><br><i>Longtail, Kawakawa, Frigate and Skipjack</i>  |
| <b>c. Spesies Seakan Tuna</b><br><i>Tuna Like Species</i> | - | <b>Todak, Layaran, Mersuji dan Tenggiri</b><br><i>Swordfish, Sailfish, Marlin and Spanish Mackerel</i>     |

#### Simbol Dan Huruf Ringkas

##### *Symbols And Abbreviations*

R	<b>Semakan semula</b> <i>Revised</i>
na	<b>Tidak Berkenaan</b> <i>Not available</i>
-	<b>Magnitud kosong atau tidak berkaitan</b> <i>Magnitude zero or not applicable</i>
0 atau 0.00	<b>Magnitude kecil / tidak penting</b> <i>Magnitude insignificant</i>
GRT	<b>Tan Kasar Berdaftar</b> <i>Gross Registered Tonnage</i>
N.B.RM	<b>Nilai Borong Dalam Ringgit Malaysia</b> <i>Wholesale Value in Ringgit Malaysia</i>



An illustration of a fisherman in a small boat casting a net to catch a large, blue and white fish. The fish is leaping out of the water, creating a large splash. The background features stylized blue waves, white coral, and various sea creatures like a turtle, jellyfish, and small fish. The title 'Profil Perikanan' is written in large, bold, black letters, and 'Fisheries Profile' is written in smaller, white letters below it.

# Profil Perikanan

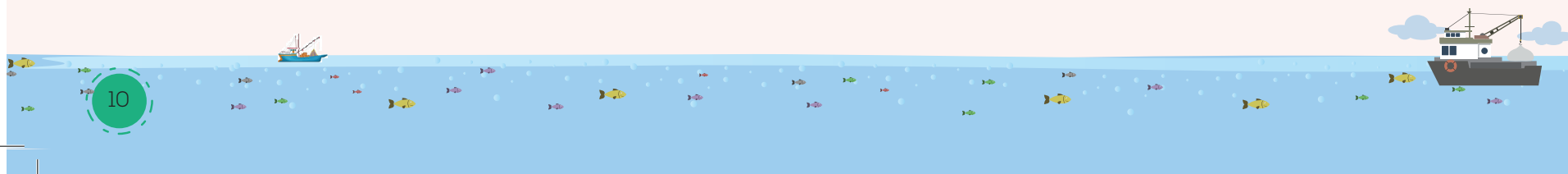
Fisheries Profile

## 1.0 STATUS SEKTOR PERIKANAN DI MALAYSIA 2020

- 1.1 Jabatan Perikanan Malaysia (DOF) merupakan peneraju utama kepada pembangunan dan pemodenan sektor perikanan negara. Selaras dengan Dasar Agromakanan Negara (DAN), 2011-2020, DOF telah menetapkan misi bagi mengurus dan membangunkan sektor perikanan secara mapan, dinamik dan berdaya saing berasaskan kepada maklumat saintifik dan perkhidmatan yang berkualiti. Ini bagi memastikan jaminan bekalan makanan, pendapatan nelayan, penternak ikan dan pengusaha perikanan serta kemampuan pertumbuhan sektor akan terus menjadi objektif utama pembangunan industri perikanan.
- 1.2 Pada tahun 2020, pengeluaran sektor perikanan di Malaysia adalah sebanyak 1.79 juta tan metrik ikan makan, 227.9 juta ekor ikan hiasan dan 41.9 juta ikat tumbuhan akuatik dengan nilai RM13.84 bilion; penurunan sebanyak 4.5% dari segi pengeluaran dan 9.3% dari segi nilai berbanding tahun 2019.
- 1.3 Sumbangan Keluaran Dalam Negara Kasar (KDNK) bagi sub sektor perikanan kepada pertanian adalah sebanyak 11% manakala sumbangan KDNK kepada negara sebanyak 0.8%. Kadar Pertumbuhan Tahunan (KPT) Perikanan dalam tempoh RMKe-11 (sehingga 2020), secara keseluruhannya menyumbang sebanyak 0.04%.
- 1.4 Sektor perikanan masih kekal sebagai instrumen penting yang menjadi sumber kepada makanan, sumber pendapatan, nutrisi dan kehidupan rakyat Malaysia. Pada tahun 2020, penggunaan ikan perkapita (PCC) adalah sebanyak 42.61kg/orang dengan tahap sara diri (SSL) mencecah 95%. Defisit imbalan dagangan (BOT) telah menurun kepada - RM1.37 bilion berbanding tahun sebelumnya - RM1.07 bilion iaitu sebanyak 28%.
- 1.5 Secara keseluruhannya, sektor perikanan terpaksa mendepani cabaran global pada tahun 2020 dengan penularan wabak pandemik COVID-19 yang telah menular ke seluruh dunia. Penularan wabak ini sedikit sebanyak telah memberi impak negatif kepada prestasi sektor perikanan terutamanya dari segi sumbangan pengeluaran dan nilai. Cabaran menguruskan sumber perikanan yang semakin kompleks dan mencabar akan diteruskan ke arah pencapaian sasaran baru DAN 2.0 pada tahun 2030.

## 1.0 STATUS OF FISHERIES SECTOR IN MALAYSIA 2020

- 1.1 The Department of Fisheries Malaysia (DOF) is the key leader in the development and modernization of the country's fisheries sector. In line with the National Agrofood Policy (NAP) 2011-2020, DOF has set a mission to manage and develop the fisheries sector in a sustainable, dynamic and competitive manner based on scientific information and quality services. This is to ensure that food security, income of fishermen, fish breeders and fishery entrepreneurs, as well as the sector's sustainable growth will continue to be the primary objective of the fishing industry's development.
- 1.2 In 2020, the fisheries sector has successfully recorded a production of 1.79 million metric tonnes of food fish, 227.9 million pieces of ornamental fish, and 41.9 million bundles of aquatic plant with a value of RM11.56 billion, a decrease of 4.5% in terms of production and 24.3% in terms of value as compared to 2019.
- 1.3 The fisheries a sub-sector of the agriculture has contributed approximately 11%, or to 0.8% of national Gross Domestic Product (GDP) and with growth rate of 0.04% during the 11th Malaysia Plan.
- 1.4 The fisheries sector remains an important instrument to produce food and nutrition, generate incomes, and indirectly improves the welfare of its communities. In 2020, the Per Capita Consumption (PCC) was recorded at 42.61kg/ person/ year with Self Sufficiency Level (SSL) of 95%. Whereas the Balance of Trade (BOT) has declined from -RM1.07 billion in 2019 to - RM1.37 billion in 2020 at a difference of 28%.
- 1.5 The fisheries sector has to face global challenges of COVID-19 crisis that has been widely transmitted to the whole world. This pandemic has negatively impacting the performance of national fisheries sector to some extent in terms of both quantity and value. The challenges in managing the fisheries resources will continuously become more complex towards our efforts in achieving the new NAP 2.0 objectives by 2030.



## 2.0 PERIKANAN TANGKAPAN

- 2.1 Dari jumlah pengeluaran ikan negara, sub-sektor perikanan tangkapan yang merangkumi laut pantai dan laut dalam telah menyumbang sebanyak 1,383,299 tan metrik atau 77.3% bernilai RM10.098 bilion, iaitu penurunan kuantiti sebanyak 5% dan penurunan nilai sebanyak 10.9% berbanding tahun 2019.
- 2.2 Di bawah sub-sektor ini, perikanan pantai masih kekal sebagai penyumbang utama dengan pengeluaran sebanyak 1,169,200 tan metrik bernilai RM8.9 bilion atau 84%. Manakala selebihnya 16% adalah sumbangan perikanan laut dalam sebanyak 214,098 tan metrik bernilai RM1.19 bilion.
- 2.3 Sejumlah 777,365 tan metrik iaitu 56% ikan didaratkan di perairan negeri di Pantai Barat Semenanjung Malaysia dan Malaysia Timur (perairan Sabah, Sarawak dan Labuan) serta Pantai Timur Semenanjung Malaysia masing-masing menyumbang sebanyak 348,652 tan metrik (25%) dan 257,281 tan metrik (19%) kepada pendaratan ikan di Malaysia.
- 2.4 Pendaratan ikan marin merangkumi ikan pelagik sebanyak 40% iaitu 558,921 tan metrik, 23% ikan demersal iaitu 321,453 tan metrik dan 37% udang, sotong, ikan baja dan lain-lain iaitu 502,925 tan metrik.
- 2.5 Sejumlah 119,828 orang nelayan telah direkodkan bekerja di atas vesel penangkapan ikan yang berlesen pada tahun 2020 melibatkan seramai 90,443 nelayan tempatan dan 29,385 nelayan asing (bukan warganegara Malaysia) yang terdiri daripada rakyat Thailand, Indonesia dan Vietnam.
- 2.6 Bilangan vesel penangkapan ikan yang berlesen di Malaysia adalah sebanyak 48,826 di mana hampir 84% daripadanya adalah vesel yang beroperasi di Zon A yang menggunakan peralatan menangkap ikan tradisional dan juga pukai jerut bilis. Manakala selebihnya adalah beroperasi di Zon B (5,101 unit), Zon C (2,287 unit) dan Zon C2 dan C3 (526 unit) dengan menggunakan peralatan pukai tunda, pukai jerut dan juga rawai tuna.

## 2.0 CAPTURE FISHERIES

- 2.1 The total production of fish is mainly contributed by capture fisheries which consists of coastal and deep-sea fisheries with landings of 1,383,299 metric tonnes or 77.3% with a value of RM10.098 billion; a decrease of 5% in term of quantity and 10.9% in value, as compared to 2019.
- 2.2 The coastal fisheries remain the major contributor of the total production with 1,169,200 metric tonnes (consist of 84%) with the value RM8.9 billion. Meanwhile, the remaining 16% is contributed by the deep sea fishery with recorded landings of 214,098 metric tonnes with the worth of RM1.19 billion.
- 2.3 A total of 777,365 metric tonnes or 56% of the fishery are landed on the West Coast of Peninsular Malaysia. Meanwhile, East Malaysia (Sabah, Sarawak, and Labuan waters) and East Coast of Peninsular Malaysia contributed 348,652 metric tonnes (25%) and 257,281 metric tonnes (19%) to the total landings respectively.
- 2.4 The landing of marine fish includes pelagic fish which is 558,921 metric tonnes (40%), 321,453 tonnes (23%) of demersal fish and 502,925 metric tonnes (37%) of shrimp, squid, trash fish and others.
- 2.5 In 2020, a total of 119,828 fishermen were working on the licensed fishing vessels, involving 90,443 local fishermen and 29,385 foreign fishermen (non-Malaysian) comprising Thai, Indonesia and Vietnam Nationals.
- 2.6 There are 48,826 unit of licensed fishing vessels in Malaysia, of which almost 84% are vessels operating in Zone A with traditional fishing gear and anchovy purse seine. The remaining 16% are operating in Zone B (5,101 units), Zone C (2,287 units) and Zone C2 as well as C3 (526 units) using mainly trawl net, purse seine and tuna long line.



2.7 Eksploitasi berlebihan akan menyebabkan penurunan sumbangan kepada pengeluaran ikan negara. Pengurusan sumber perikanan negara perlu diurus sebaiknya agar ianya kekal menyumbang pada tahap tertinggi secara mapan. Bagi memastikan kelestarian sumber perikanan ini, pengurusan perikanan dilaksanakan melalui pelesenan dan pemuliharaan habitat penting untuk kelangsungan hidup sumber perikanan dan kesihatan ekosistem akuatik.

2.8 Usaha-usaha ini menyumbang kepada jaminan sumber perikanan bagi membangunkan industri perikanan seterusnya ekonomi nelayan yang amat bergantung kepada sumber ini.

### 3.0 AKUAKULTUR

3.1 Sub-sektor akuakultur pula telah mencatatkan pengeluaran sebanyak 400,017 tan metrik yang bernilai RM3.6 bilion iaitu 22% dari pengeluaran ikan negara. Ianya menunjukkan sedikit penurunan berbanding tahun sebelumnya dengan penurunan kuantiti sebanyak 2.9% dan penurunan nilai sebanyak 5.7% berbanding tahun 2019.

3.2 Sebanyak 75% dari pengeluaran sub-sektor akuakultur ini adalah dari komoditi ternakan air payau yang mana 46% daripadanya adalah sumbangan pengeluaran rumpai laut sebanyak 182,061 tan metrik dengan nilai RM58 juta. Ini diikuti dengan 30% sumbangan dari spesies ternakan akuakultur air payau yang lain seperti udang, ikan dan kerang-kerangan menyumbang sebanyak 120,746 tan metrik bernilai RM2.28 bilion. Manakala komoditi akuakultur air tawar menyumbang sebanyak 24% kepada pengeluaran keseluruhan sebanyak 97,210 tan metrik bernilai RM766 juta.

*2.7 The overexploitation of marine resources will devastatingly reduce the fisheries landing. Therefore, a sustainable fisheries management is essential to ensure continuous fish supply for years to come. Thus, empowering fisheries management by focusing on licensing regulations and habitat restoration are indispensable for a long-lasting preservation of marine life's and aquatic ecosystems.*

*2.8 These efforts contribute to the long term security of the fisheries resources for the development of the fishing industry and the fisher's economic livelihood which are highly dependent on these resources.*

### 3.0 AQUACULTURE

*3.1 The aquaculture has recorded a production of 400,017 metric tonnes, which valued at RM3.6 billion, equal to 22% of national fisheries production. This sector has shown a declining performance compared to 2019 where the production has shown a decrease of 2.9% in quantity and 5.7% in value.*

*3.2 Approximately 75% of aquaculture production was contributed by brackishwater culture of which 46% is the contribution of seaweed production of 182,061 metric tonnes with a value of RM58 million. This was followed by a 30% contribution from other brackish aquaculture species such as shrimp, fish and shellfish contributing 120,746 metric tonnes worth RM2.28 billion. Meanwhile, freshwater aquaculture commodities contributed 24% to the total production of 97,210 metric tonnes worth RM766 million.*



3.3 Sejumlah 20,262 penternak telah terlibat dalam industri akuakultur di mana sejumlah besar adalah terlibat dalam industri akuakultur air tawar yang merangkumi seramai 15,719 orang iaitu 77.5% daripada jumlah keseluruhan penternak akuakultur negara. Manakala seramai 4,539 orang penternak atau 22.5% terlibat dalam industri akuakultur air payau.

3.4 Pengeluaran ikan hiasan dan tumbuhan akuatik pada tahun 2020 menunjukkan penurunan berbanding dengan pengeluaran tahun sebelumnya. Pengeluaran yang direkodkan adalah sebanyak 227,944,067 ekor hiasan dengan nilai RM494 juta dan 41,990,762 ikat tumbuhan akuatik bernilai RM53 juta. Masing-masing merekodkan pengeluaran yang menurun bagi tahun 2020 sebanyak -20.7% dan -18.8% tetapi bagi tumbuhan akuatik, meningkat dari segi nilai iaitu sebanyak 159%.

3.5 Secara keseluruhannya, seluas 35,206 hektar kawasan yang merangkumi sistem ternakan kolam, sangkar, tangki, kandang, kerang-kerangan, rumpai laut, estet, bekas lombong telah direkodkan pada tahun 2020 bagi ternakan akuakultur di Malaysia. Hampir 80% iaitu seluas 27,347 hektar dari keseluruhan kawasan adalah bagi ternakan akuakultur air payau manakala selebihnya 6,987 hektar iaitu 20% adalah bagi ternakan akuakultur air tawar.

3.6 Memandangkan sumber perikanan tangkapan telah mencapai tahap penerokaan yang maksimum, pembangunan akuakultur dilihat amat berpotensi untuk dimajukan secara komersil bagi meningkatkan pengeluaran dan bekalan ikan dalam negara.

*3.3 A total of 20,262 fish farmers have been involved in the aquaculture industry, where a large number are involved in the freshwater aquaculture, which includes a total of 15,719 people which is 77.5% of the total national aquaculture farmers. Meanwhile, a total of 4,539 farmers or 22.5% are involved in the brackish water aquaculture industry.*

*3.4 The ornamental fish and aquatic plant production in 2020 showed a decrease compared to the previous year's production. The recorded production is 227,944,067 pieces of ornamental fish with a value of RM494 million and 41,990,762 bundles of aquatic plant worth RM53 million. Both of them recorded a declining production for 2020 of -20.7% and -18.8% but for aquatic plant, it was an increase in term of values at 159%.*

*3.5 A total number of 35,206 hectares were utilized for aquaculture production using various culture systems, namely pond, cages, tanks, pens, mollusc system, estates, ex-mining pools and seaweed system. Almost 80% or 27,347 hectares were used for brackish water culture system and around 6,987 hectares (20%) were utilized for freshwater culture system.*

*3.6 As the catch fishing resources have reached the maximum level of exploration, aquaculture development is seen to have great potential for commercial development to increase the production and supply of fish in the country.*



#### 4.0 PERIKANAN DARAT

- 4.1 Perikanan darat atau perikanan tangkapan air tawar, walaupun kecil tetapi masih memberi sumbangan dengan mencatatkan pengeluaran sebanyak 5,625 tan metrik atau 0.3% daripada jumlah pengeluaran ikan negara bernilai RM83 juta.
- 4.2 Pengurusan yang sistematik akan memastikan sumber perikanan darat mapan dan secara tidak langsung dapat memberikan manfaat kepada masyarakat setempat. Sumber perikanan darat juga masih berpotensi untuk dimajukan sebagai satu entiti komoditi ekonomi.

#### 5.0 PENGELUARAN BENIH

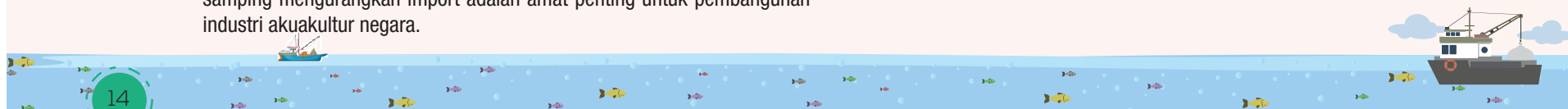
- 5.1 Jumlah pengeluaran rega dan benih ikan pada tahun 2020 adalah sebanyak 6.94 bilion ekor di mana 6.15 bilion ekor adalah dari hatcheri air payau dan selebihnya 786 juta ekor dari hatcheri air tawar seluruh Malaysia.
- 5.2 Dari jumlah tersebut, sebanyak 6.9 bilion ekor (99%) dihasilkan dari 520 buah hatcheri swasta yang banyak mengeluarkan benih/regu dari spesies kerapu, jenahak, siakap, tiram, udang marin, keli, patin, tilapia dan puyu. Manakala 41 juta ekor dikeluarkan oleh 20 buah hatcheri utama kerajaan yang menghasilkan spesies benih/regu dari spesies keli, tilapia merah, lampam jawa, lampam sungai, udang galah, siakap dan juga kerapu. Peranan pusat-pusat dan hatcheri kerajaan lebih bertumpu kepada aspek pemindahan teknologi, latihan dan khidmat nasihat teknikal kepada kumpulan sasar termasuk usaha penambahan stok ikan di perairan umum.
- 5.3 Bagi menjamin kemapanan industri pembenihan negara, keperluan benih ikan tempatan serta menghasilkan benih yang berkualiti dan bebas penyakit di samping mengurangkan import adalah amat penting untuk pembangunan industri akuakultur negara.

#### 4.0 INLAND FISHERIES

- 4.1 *Although the reported production of inland fishery is relatively small, this sub-sector contributes about 5,625 metric tonnes or 0.3% from the total national fish production worth RM83 million.*
- 4.2 *Systematic fisheries management will undoubtedly contribute to sustainable inland fishery stock, directly benefiting local communities. The inland fisheries stock has vast potential to be developed as a new source of economy.*

#### 5.0 SEED / FISH FRY PRODUCTION

- 5.1 *In 2020, the fish fry production was recorded at 6.94 billion pieces, where by 6.15 billion pieces were from brackish water hatcheries and 786 million pieces from freshwater hatcheries throughout Malaysia.*
- 5.2 *From the total amount, 6.9 billion pieces (99%) were produced in 520 private hatcheries consisting grouper, snapper, sea bass, oysters, marine shrimp, catfish, tilapia, and climbing. Meanwhile, 41 million pieces were produced in 20 major government hatcheries consisting catfish, red tilapia, carps, lobster, sea bass, and grouper. The government centres and hatcheries are more focused on technology transfer, training, and technical advice/extension services to stakeholders, including efforts to enhance fish stocks.*
- 5.3 *In ensuring sustainability of the national seed production industry, the need for local fish fry, producing high quality and disease-free seeds while reducing imports is very important for developing the country's aquaculture industry.*



## MAKLUMAT AM PERIKANAN, 2020

### IMPORT

RM 5.09 B

*ikan segar, beku,  
filet ikan, krustasia  
dan moluska*

### EKSPORT

RM 3.75 B

*Ikan segar,  
beku, filet ikan,  
krustasia dan  
moluska*

**BOT**  
- RM 1.3 B

Nilai Perdagangan:  
RM 8.8 B

(Per Capita Consumption -  
Perikanan)

**PCC**  
42.70 KG

(Self Sufficient Level -  
Perikanan)

**SSL**  
95.27 %

**KDNK**  
11 %

(Sumbangan Perikanan  
Kepada Pertanian)

**KDNK**  
0.8 %

(Sumbangan Perikanan  
Kepada Negara)

Perikanan  
Tangkapan

0.5 %

Akuakultur

0.3 %

KPT

0.04%

### SSL SPESIS TERPILIH

Udang 102.9 %

Mackerel 84.5 %

Tuna 101.3 %

Sotong 109.2 %

Ketam 93.9 %

Tilapia 98.9%

Sumber rujukan: DOSM  
& DOF

## PROFIL PERIKANAN 2020



228 juta ekor  
ikan hiasan



1.79 juta tan  
matrik  
ikan makan



42 juta ikat  
tumbuhan  
akuatik

**77.3%**



Perikanan Tangkapan

**1.38 Juta t.m**

**RM 10.10 B**



Bil Nelayan : 119,828 orang

Bil Vesel : 48,826 buah



**22.4 %**



Akuakultur

**400,017 t.m**

**RM 3.11 B**

Bil Penternak : 20,262 orang

Luas Ladang : 35,206 hektar



**0.3 %**



Perikanan Darat

**5,625 t.m**

**RM 83.18 J**



Bil Nelayan : 3,103 orang

**1.87** Juta TM (2019)

turun kepada

**1.79** Juta TM (2020)

Penurunan sebanyak  
4.4% dari segi  
pengeluaran (tm)

**RM 15.26 B** (2019)

turun kepada

**RM 13.84 B** (2020)

Penurunan sebanyak  
9.2% dari segi nilai  
(RM)



## PENGELUARAN DAN NILAI SEKTOR PERIKANAN, MALAYSIA, 2020

SEKTOR PERIKANAN		2019			2020			PERUBAHAN (2019 - 2020)		
		Kuantiti (Tan Metrik)	Nilai (RM)	Tenaga Kerja (org)	Kuantiti (Tan Metrik)	Nilai (RM)	Tenaga Kerja (org)	Kuantiti (Tan Metrik)	Nilai (RM)	Tenaga Kerja (org)
IKAN MAKANAN	PERIKANAN TANGKAPAN MARIN	1,455,446.41	11,336,318,289	126,595	1,383,299.07	10,098,247,677	119,828	-5.0%	-10.9%	-5.3%
	Laut Pantai	1,192,353.57	9,785,938,045	115,756	1,169,200.72	8,908,932,099	108,633	-1.9%	-9.0%	-6.2%
	Laut Dalam	263,092.84	1,550,380,245	10,839	214,098.35	1,189,315,578	11,195	-18.6%	-23.3%	3.3%
	AKUAKULTUR	411,782.14	3,304,634,090	19,469	400,017.57	3,114,738,204	19,456	-2.9%	-5.7%	-0.1%
	Air Tawar	104,601.56	780,503,181	14,995	97,210.32	766,471,577	14,917	-7.1%	-1.8%	-0.5%
	Air Payau / Marin	119,069.47	2,458,271,269	3,266	120,746.25	2,289,393,444	3,345	1.4%	-6.9%	2.4%
	Rumpai Laut	188,111.10	65,859,640	1,208	182,061.00	58,873,182	1,194	-3.2%	-10.6%	-1.2%
	PERIKANAN DARAT	5,568.70	90,172,062	3,205	5,625.14	83,178,104	3,103	1.0%	-7.8%	-3.2%
	JUMLAH IKAN MAKANAN	1,872,797.24	14,731,124,442	149,269	1,788,942	13,296,163,985	142,387	-4.5%	-9.7%	-4.6%
BUKAN MAKANAN	Ikan Hiasan	287,531,539	506,447,790	675	227,944,067	494,405,012	789	-20.7%	-2.4%	16.9%
	Tumbuhan Akuatik	51,705,533	20,647,914	5	41,990,762	53,573,049	13	-18.8%	159.5%	160.0%
	JUMLAH BUKAN MAKANAN	-na-	527,095,703	680	-na-	547,978,061	802	-na-	4.0%	17.9%
JUMLAH BESAR		-na-	15,258,220,145	149,949	-na-	13,844,142,046	143,189	-na-	-9.3%	-4.5%



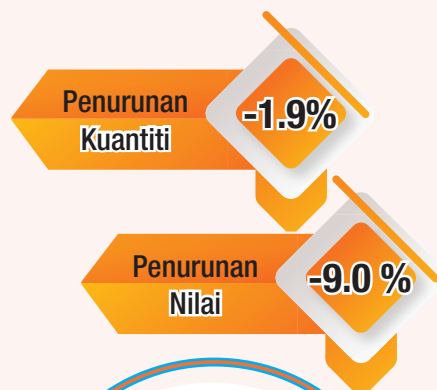
**PENGELUARAN DAN NILAI SEKTOR  
PERIKANAN, MALAYSIA, 2016-2020**

PERKARA		2016	2017	2018	2019	2020
Perikanan Laut Pantai	Tan Metrik	1,195,360	1,170,270	1,192,722	1,192,354	1,169,201
	RM (Juta)	8,417	9,220	9,838	9,786	8,909
Perikanan Laut Dalam	Tan Metrik	379,087	294,842	260,140	263,093	214,098
	RM (Juta)	1,759	1,599	1,475	1,550	1,189
Akuakultur Air Tawar	Tan Metrik	103,348	102,597	101,270	104,602	97,210
	RM (Juta)	789	728	711	781	766
Akuakultur Air Payau	Tan Metrik	98,050	121,453	116,112	119,069	120,746
	RM (Juta)	1,892	2,268	2,294	2,458	2,289
Rumpai Laut	Tan Metrik	205,989	202,966	174,083	188,111	182,061
	RM (Juta)	103	45	52	66	59
Perikanan Darat	Tan Metrik	5,848	5,177	6,089	5,569	5,625
	RM (Juta)	90	93	124	90	83
Jumlah Ikan Makan	Tan Metrik	1,987,682	1,897,305	1,850,416	1,872,797	1,788,942
	RM (Juta)	13,050	13,953	14,494	14,731	13,296
Ikan Hiasan	Tan Metrik	383,689,326	402,301,230	324,813,016	287,531,539	227,944,067
	RM (Juta)	341	456	327	506	494
Tumbuhan Akuatik	Tan Metrik	371,449,675	339,519,589	112,249,911	51,705,533	41,990,762
	RM (Juta)	149	215	13	21	54
Jumlah Nilai Ikan Bukan Makan	RM (Juta)	490	671	340	527	548
Jumlah Nilai Keseluruhan	RM (Juta)	13,540	14,625	14,834	15,258	13,844

# Perikanan Tangkapan



## PERIKANAN TANGKAPAN 2020

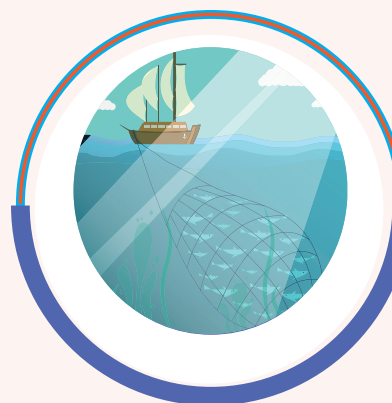


TAHUN	KUANTITI (MT)	NILAI (RM B)
2019	1,455,446	11.336
2020	1,383,299	10.098



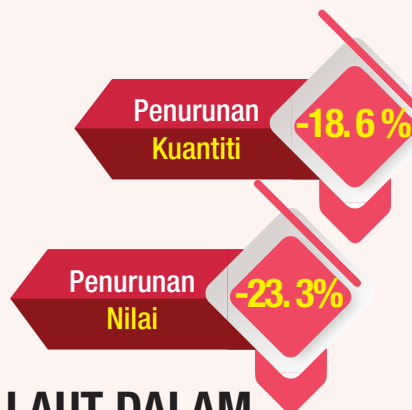
**LAUT PANTAI**  
**84 %**

Pendaratan (TM)	1,169,200
Nilai (RM)	8.9 Bilion



**LAUT DALAM**  
**16 %**

Pendaratan (TM)	214,098
Nilai (RM)	1.19 Bilion



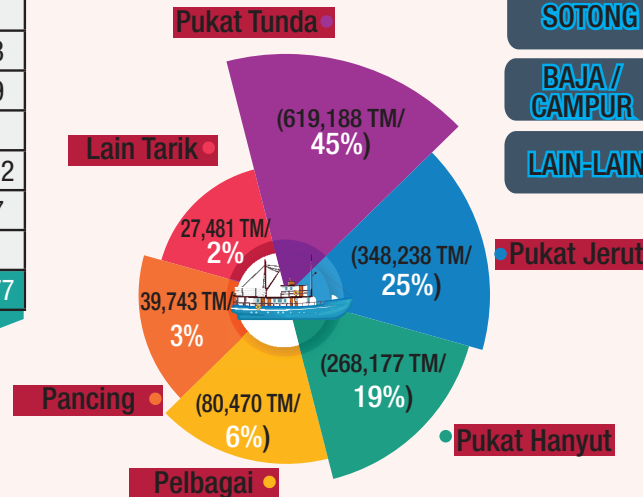
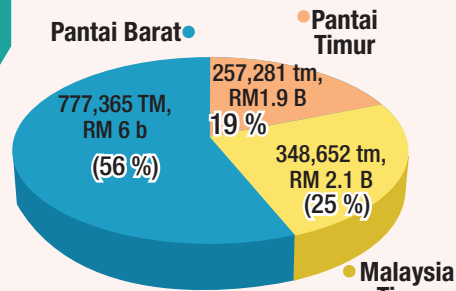
**Tahun 2020 berlaku penurunan kuantiti sebanyak 5.0 % dan penurunan nilai sebanyak 10.9 % berbanding tahun 2019**

## PROFIL PERIKANAN TANGKAPAN, 2020

PERALATAN MENANGKAP IKAN	ZON A Tradisional, Pukat Jerut Bilis	ZON B Pukat Jerut, Pukat Tunda, Kenka 2Bot	ZON C Tradisional, Pukat Jerut, Pukat Tunda	ZON C2 + C3 Tradisional, Pukat Jerut, Pukat Tunda, Rawai
BIL. VESEL (48, 826)	40,918	5,095	2,287	526
BIL. NELAYAN (119,828)	70,697	18,656	19,280	11,195
PENDARATAN (1,383,299)	407,713	373,868	387,620	214,098
SUMBANGAN PENDARATAN (%)  ZON KONSERVASI <i>Akuakultur, Kerang, Komuniti Nelayan</i>  Jarak dari pesisir pantai mengikut zon	PELAGIK 47%	PELAGIK 19%	PELAGIK 38%	PELAGIK 71%
	UDANG 11%	UDANG 15%	UDANG 2%	UDANG 0%
	SOTONG 1%	SOTONG 71%	SOTONG 7%	SOTONG 2%
	KETAM 2%	KETAM 1%	KETAM 0%	KETAM 0%
	IKAN BAJA 3%	IKAN BAJA 37%	IKAN BAJA 22%	IKAN BAJA 14%
	DEMERSAL 31%	DEMERSAL 19%	DEMERSAL 27%	DEMERSAL 9%
	LAIN-LAIN 5%	LAIN-LAIN 2%	LAIN-LAIN 4%	LAIN-LAIN 4%
	I BN	5/8 BN	12/15 BN	30 BN















## PENDARATAN 2020 MENGIKUT NEGERI, PERALATAN DAN KOMODITI SPESIES

Negeri	Pendaratan (TM)	Nilai (RM)
Perlis	69,357	432,238,550
Kedah	134,419	1,386,658,945
P. Pinang	56,849	513,426,732
Perak	328,296	2,032,028,370
Selangor	161,032	1,301,737,765
N. Sembilan	596	10,390,786
Melaka	1,798	33,717,055
Johor	70,178	704,672,751
Pahang	101,316	687,647,673
Terengganu	37,227	316,326,339
Kelantan	73,579	561,575,591
Sabah	206,703	1,216,869,632
Sarawak	124,453	715,985,457
Labuan	17,497	194,072,031
<b>Jumlah</b>	<b>1,383,299</b>	<b>10,098,247,677</b>



	Pantai Barat	Pantai Timur	Malaysia Timur
	777,365	257,281	348,652
PELAGIK	286,118	132,986	139,817
DEMERSAL	165,617	58,037	97,799
UDANG	81,672	2,751	22,85
SOTONG	30,946	14,031	17,606
BAJA / CAMPUR	199,518	47,532	52,792
LAIN-LAIN	13,494	1,945	17,786
















**BILANGAN NELAYAN DAN VESEL PENANGKAPAN IKAN YANG BERLESEN MENGIKUT ZON, 2020**  
*Number of Fishermen and Licensed Fishing Vessels by Zone, 2020*

NEGERI State	Zon A/ Zone A		Zon B/ Zone B		Zon C/ Zone C		Zon C2/ Zone C2		Zon C3/ Zone C3		JUMLAH BESAR Grand Total	
	Nelayan Fisherman	Vesel Vessels	Nelayan Fisherman	Vesel Vessels	Nelayan Fisherman	Vesel Vessels	Nelayan Fisherman	Vesel Vessels	Nelayan Fisherman	Vesel Vessels	Nelayan Fisherman	Vesel Vessels
 Perlis	866	404	365	85	882	60	675	14	-	-	2,788	563
 Kedah	7,322	3,337	1,617	335	1,591	197	451	9	-	-	10,981	3,878
 Pulau Pinang	4,211	2,242	80	45	294	36	-	1	213	20	4,798	2,344
 Perak	6,174	3,055	3,120	1,374	5,467	728	2,443	137	-	-	17,204	5,294
 Selangor	4,380	2,434	1,631	513	1,689	188	-	-	-	-	7,700	3,135
 Negeri Sembilan	423	312	-	-	-	-	-	-	-	-	423	312
 Melaka	942	729	-	-	-	-	-	-	-	-	942	729
 Johor	7,112	3,784	951	240	1,272	141	1,801	72	-	-	11,136	4,237
 Pahang	2,241	1,019	713	174	3,326	373	1,816	65	-	-	8,096	1,631
 Terengganu	4,850	2,042	1,191	214	1,805	145	703	44	-	-	8,549	2,445
 Kelantan	2,536	1,141	169	30	592	65	2,203	69	-	-	5,500	1,305
 Sarawak	7,386	4,546	919	235	1,738	271	785	51	-	-	10,828	5,103
 Sabah	21,869	15,613	7,900	1,850	621	82	96	43	-	-	30,486	17,588
 Labuan	385	260	-	-	3	1	9	1	-	-	397	262
<b>JUMLAH BESAR Grand Total</b>	<b>70,697</b>	<b>40,918</b>	<b>18,656</b>	<b>5,095</b>	<b>19,280</b>	<b>2,287</b>	<b>10,982</b>	<b>506</b>	<b>213</b>	<b>20</b>	<b>119,828</b>	<b>48,826</b>



## PENDARATAN DAN NILAI IKAN MARIN MENGIKUT NEGERI, 2020

### Marine Fish Landings and Values by State, 2020

NEGERI (State)	Laut Pantai (Inshore Fishery)		Laut Dalam (Deep-Sea Fishery)		Jumlah (Total)	
	Kuantiti (MT) Quantity (Tonnes)	Nilai ( RM Juta) Value ( RM Million)	Kuantiti (MT) Quantity (Tonnes)	Nilai ( RM Juta) Value ( RM Million)	Kuantiti (MT) Quantity (Tonnes)	Nilai ( RM Juta) Value ( RM Million)
PANTAI BARAT ( West Coast )						
 Perlis	60,582	380.18	8,775	52.06	69,357	432.24
 Kedah	133,001	1,374.65	1,418	12.01	134,419	1,386.66
 Pulau Pinang	54,286	478.25	2,562	35.18	56,849	513.43
 Perak	256,259	1,631.00	72,037	392.03	328,296	2,023.03
 Selangor	161,032	1,301.74	0.00	0.00	161,032	1,301.74
 N.Sembilan	596	10.39	0.00	0.00	596	10.39
 Melaka	1,798	33.72	0.00	0.00	1,798	33.72
 Johor Barat ( West Johor )	25,019	364.01	0.00	0.00	25,019	364.01
<b>Jumlah Kecil / Sub-Total</b>	<b>692,573</b>	<b>5,573.93</b>	<b>84,793</b>	<b>491.28</b>	<b>777,365</b>	<b>6,065.21</b>
PANTAI TIMUR ( East Coast )						
 Kelantan	40,543	369.41	33,036	192.07	73,579	561.48
 Terengganu	32,423	280.99	4,804	35.33	37,227	316.33
 Pahang	77,410	544.23	23,907	143.41	101,316	687.65
 Johor Timur ( East Johor )	17,344	147.38	27,815	193.28	45,159	340.66
<b>Jumlah Kecil / Sub-Total</b>	<b>167,719</b>	<b>1,342.01</b>	<b>89,562</b>	<b>564.10</b>	<b>257,281</b>	<b>1,906.11</b>
<b>SEMENANJUNG MALAYSIA (Peninsular Malaysia)</b>	<b>860,292</b>	<b>6,915.94</b>	<b>174,355</b>	<b>1,055.38</b>	<b>1,034,647</b>	<b>7,971.32</b>
 Sarawak	91,380	618.55	33,073	97.44	124,453	715.99
 Sabah	200,359	1,183.28	6,344	33.58	206,703	1,216.87
 W.P Labuan	17,170	191.15	327	2.92	17,497	194.07
<b>Jumlah Kecil / Sub-Total</b>	<b>308,909</b>	<b>1,992.99</b>	<b>39,744</b>	<b>133.94</b>	<b>348,652</b>	<b>2,126.93</b>
<b>MALAYSIA</b>	<b>1,169,201</b>	<b>8,908.93</b>	<b>214,098</b>	<b>1,189.32</b>	<b>1,383,299</b>	<b>10,098.25</b>

## PENDARATAN TUNA, 2020

*Tuna Landings, 2020*

### PENDARATAN TUNA Tuna Landings

Sumbangan  
\*Contributions%

#### TUNA OCEANIK

KUANTITI / Quantity (Tan Metrik / Tonnes)	4,131.28	0.30
NILAI (RM JUTA) / Value (RM Million)	44.09	0.44

#### TUNA NERITIK







KUANTITI / Quantity (Tan Metrik / Tonnes)	78,894.51	5.70
NILAI (RM JUTA) / Value (RM Million)	517.83	5.13

#### TUNA-LIKE

KUANTITI / Quantity (Tan Metrik / Tonnes)	17,085.16	1.24
NILAI (RM JUTA) / Value (RM Million)	349.96	3.47

\*Daripada Jumlah Pendaratan Ikan Marin / \*From Total Landing Marine Fish  
Kumpulan tuna mengikut definasi IOTC 2014 / Tuna group is in accordance with IOTC  
definition 2014

## PENDARATAN MENGIKUT PERALATAN MENANGKAP IKAN, (2015-2020)

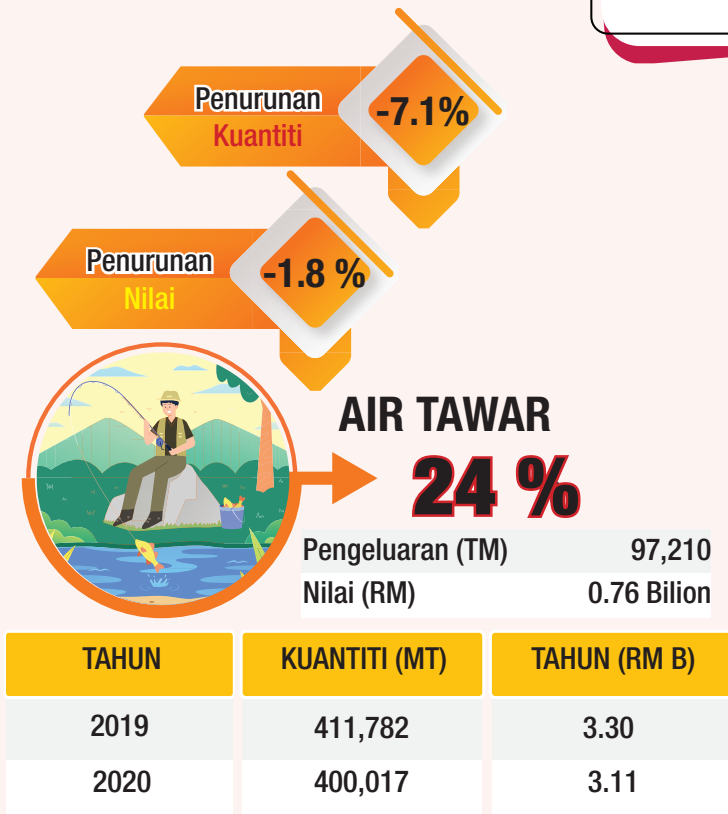
Pendaratan (Tan Metrik) Landings (Tonnes)	 2015	 2016	 2017	 2018	 2019	 2020
Pukat Tunda Trawls Nets	655,507	726,409	711,525	680,456	673,505	619,188
Pukat Jerut Fish Purse Seines	351,288	374,936	292,748	325,282	341,585	335,329
Jerut Bilis Anchovy Purse Seines	15,630	29,525	9,074	11,595	13,412	12,910
Pukat Hanyut Drift / Gill Nets	296,233	300,744	285,824	275,064	256,824	268,177
Lain-lain Others	167,392	142,832	165,942	160,465	170,121	147,695

# Akuakultur

Aquaculture



## AKUAKULTUR 2020



## AIR PAYAU **30 %**

Pengeluaran (TM) 120,746  
Nilai (RM) 2.29 Bilion

Peningkatan Kuantiti +1.4%

Penurunan Nilai -6.9%



## RUMPAI LAUT **46 %**

Penurunan Kuantiti -3.2%

Penurunan Nilai -10.6%

Pengeluaran (TM) 182,061  
Nilai (RM) 58.87 juta



Tahun 2020 berlaku penurunan kuantiti sebanyak 2.9 % dan penurunan nilai sebanyak 5.7 % berbanding tahun 2019

## PROFIL AKUAKULTUR 2020

Keluasan	Bil Penternak
35,206 ha	20,262

Sektor AKUAKULTUR	2019		2020		PERUBAHAN (2019-2020)	
	Kuantiti (MT)	Nilai (RM B)	Kuantiti (MT)	Nilai (RM B)	Kuantiti	Nilai
Air Tawar	104,602	0.78	97,210	0.77	-7.1%	-1.8%
Air Payau / Marin	119,069	2.46	120,746	2.29	1.4%	-6.9%
Rumpai Laut	188,111	65.86 Juta	182,061	58.87 Juta	-3.2%	-10.6%
Jumlah	411,782	3.30	400,017	3.11	-2.9%	-5.7%

### RUMPAI LAUT

- 182,061 TM / RM 58.87 JUTA  
- 9,828 HA  
- 1,194 ORANG

### IKAN HIASAN & TUMB AKUATIK

- 227,944,067 EKOR / RM 494.4 JUTA  
- 41,990,762 IKAT / RM 53.57 JUTA  
- 872 HA  
- 802 ORANG

### AIR PAYAU

302,807 TM  
RM 2.33 B  
27,347 Ha  
4,539 orang

### KOLAM

66,929 TM  
7,511 Ha  
768 orang

### SANGKAR

32,943 TM  
230 Ha  
1,347 orang

### TANGKI

132.8 TM  
24 Ha  
45 orang

### KANDANG

224 TM  
39.2 Ha  
376 orang

### KERANG-KERANGAN

20,516 TM  
9,713 Ha  
809 orang

### RUMPAI LAUT

182,061 TM  
9,828 Ha  
1,194 orang

### AIR TAWAR

97,210 TM  
RM 0.77 B  
6,987 Ha  
14,917 orang

### KOLAM

56,197 TM  
3,725 Ha  
11,692 orang

### SANGKAR

15,736 TM  
55 Ha  
1,963 orang

### TANGKI

5,724 TM  
42 Ha  
903 orang

### KANDANG

678 TM  
8.4 Ha  
155 orang

### BEKAS LOMBONG

18,845 TM  
3,033 Ha  
198 orang

### ESTET

28 TM  
123 Ha  
6 orang

## PENGELUARAN DAN NILAI AKUAKULTUR MENGIKUT NEGERI

Negeri State	2019				2020				Perubahan / Changes (%)			
	Air Tawar Freshwater		Air Payau Brackishwater		Air Tawar Freshwater		Air Payau Brackishwater		Air Tawar Freshwater		Air Payau Brackishwater	
	Kuantiti Quantity	Nilai Value	Kuantiti Quantity	Nilai Value	Kuantiti Quantity	Nilai Value	Kuantiti Quantity	Nilai Value	Kuantiti Quantity	Nilai Value	Kuantiti Quantity	Nilai Value
Perlis	130.92	975,380	438.45	7,360,600	143.38	948,371	440.17	6,675,424	9.51	-2.77	0.39	-9.31
Kedah	3,461.60	19,562,168	9,021.27	172,832,330	3,441.57	20,698,689	8,503.45	130,530,679	-0.58	5.81	-5.74	-24.48
Pulau Pinang	3,159.92	13,399,565	32,152.25	685,032,994	2,712.49	12,139,900	34,317.64	629,565,735	-14.16	-9.40	6.73	-8.10
Perak	44,550.99	251,599,705	28,069.08	457,359,238	32,711.83	185,489,605	32,479.93	485,797,968	-26.57	-26.28	15.71	6.22
Selangor	16,620.01	167,536,790	4,622.99	127,088,101	15,825.17	149,333,048	4,876.99	129,219,954	-4.78	-10.87	5.49	1.68
Negeri Sembilan	3,875.94	33,539,980	799.16	19,336,662	3,368.34	30,962,995	784.35	19,113,268	-13.10	-7.68	-1.85	-1.16
Melaka	3,328.78	14,051,309	409.73	12,257,623	3,236.34	13,601,086	452.44	13,611,195	-2.78	-3.20	10.42	11.04
Johor	5,165.70	31,129,977	10,554.63	244,486,304	6,392.61	41,446,839	13,362.76	326,709,797	23.75	33.14	26.61	33.63
Pahang	8,971.54	107,678,357	5,030.62	125,441,507	10,970.96	137,129,038	4,243.05	108,438,685	22.29	27.35	-15.66	-13.55
Terengganu	2,356.34	24,141,485	2,112.44	44,594,819	2,298.45	23,564,786	2,825.70	59,792,381	-2.46	-2.39	33.76	34.08
Kelantan	4,954.13	27,136,217	1,495.47	30,152,213	4,770.78	27,353,895	1,251.42	22,066,987	-3.70	0.80	-16.32	-26.81
Sarawak	5,557.10	57,188,886	5,689.38	133,579,824	9,478.79	97,095,486	6,700.20	132,561,016	70.57	69.78	17.77	-0.76
Sabah	2,465.07	32,522,000	206,783.29	464,551,868	1,857.31	26,661,020	192,569.08	284,180,739	-24.65	-18.02	-6.87	-38.83
W.P. Labuan	0.54	5,360	0.82	28,840	0.61	21,320	0.10	3,000	13.13	297.76	-87.86	-89.60
W.P. Kuala Lumpur	2.99997	35999.64	0.9996	27988.8	1.70	25,500	0	0	-43.33	-29.17	-100.00	-100.00
Jumlah/Total	104,601.56	780,503,181	307,180.57	2,524,130,909	97,210.32	766,471,577	302,807.27	2,348,266,827	-7.1	-1.8	-1.4	-7.0



### PENGELUARAN DAN NILAI AKUAKULTUR AIR TAWAR 2020

AKUAKULTUR AIR TAWAR Freshwater Aquaculture	2019		2020		PERUBAHAN Changes (%)	
	Kuantiti (MT) Quantity (Tonnes)	Nilai Value (RM '000)	Kuantiti (MT) Quantity (Tonnes)	Nilai Value (RM '000)	Kuantiti Quantity	Nilai Value
Keli (Freshwater Catfish)	28,464.07	128,559.77	29,012.77	129,661.00	1.93	0.86
Tilapia Merah (Red Tilapia)	31,844.83	332,932.26	28,009.20	299,822.83	-12.04	-9.94
Patin (River Catfish)	17,649.48	114,005.90	18,227.31	132,456.90	3.27	16.18
Tilapia Hitam (Black Tilapia)	3,714.59	28,893.59	3,453.36	28,937.68	-7.03	0.15
Udang Galah (Giant Freshwater Prawn)	205.576377	12,757.12	192.69	12,926.18	-6.27	1.33
Pelbagai (Others)	22,723.00	163,354.55	18,315.00	162,666.99	-19.40	-0.42
<b>JUMLAH BESAR Grand Total</b>	<b>104,601.56</b>	<b>780,503.18</b>	<b>97,210.32</b>	<b>766,471.58</b>	<b>-7.07</b>	<b>-1.80</b>



## PENGELUARAN DAN NILAI AKUAKULTUR AIR PAYAU 2020

AKUAKULTUR AIR PAYAU Brackishwater Aquaculture	2019		2020		PERUBAHAN Changes (%)	
	Kuantiti (MT) Quantity (Tonnes)	Nilai Value (RM '000)	Kuantiti (MT) Quantity (Tonnes)	Nilai Value (RM '000)	Kuantiti Quantity	Nilai Value
Ikan Marin (Marine Fish)	48,506.43	1,049,203.44	50,860.20	973,975.83	4.85	-7.17
Udang Marin (Marine Prawn)	53,413.70	1,257,745.91	48,678.29	1,169,594.85	-8.87	-7.01
Kerang (Cockles)	13,771.74	90,484.94	18,674.39	115,309.59	35.60	27.44
Siput Sudu (Mussels)	1,220.63	6,131.73	1,363.12	6,797.88	11.67	10.86
Ketam (Crabs)	233.67	10,815.04	210.29	6,950.23	-10.00	-35.74
Rumpai Laut ( Seaweed)	188,111.10	65,859.64	182,061.00	58,873.18	-3.22	-10.61
Pelbagai (Others)	1,923.30	43,890.21	959.98	16,765.26	-50.09	-61.80
<b>JUMLAH BESAR Grand Total</b>	<b>307,180.57</b>	<b>2,524,130.91</b>	<b>302,807.27</b>	<b>2,348,266.83</b>	<b>-1.42</b>	<b>-6.97</b>

### KUANTITI DAN NILAI PENGELUARAN AKUAKULTUR (2016-2020)

PERKARA		2016	2017	2018	2019	2020
AIR TAWAR	PENGELUARAN (TAN METRIK)	103,348.21	102,596.83	101,269.88	104,601.56	97,210.32
	NILAI (RM'000)	789,117.64	728,183.99	711,093.72	780,503.18	766,471.58
AIR PAYAU	PENGELUARAN (TAN METRIK)	98,049.90	121,453.02	116,112.08	119,069.47	120,746.25
	NILAI (RM'000)	1,891,634.05	2,268,093.77	2,293,683.14	2,458,271.27	2,289,393.44
RUMPAI LAUT	PENGELUARAN (TAN METRIK)	205,989.20	202,965.58	174,083.20	188,111.10	182,061.00
	NILAI (RM'000)	102,996.35	44,661.03	52,224.96	65,859.64	58,873.18
JUMLAH	PENGELUARAN (TAN METRIK)	407,387.31	427,015.43	391,465.16	411,782.14	400,017.57
	NILAI (RM'000)	2,783,748.05	3,040,938.79	3,057,001.82	3,304,634.09	3,114,738.20



## KUANTITI PENGELUARAN AKUAKULTUR AIR TAWAR (2015-2020)

PENGELUARAN (TAN METRIK) Production (Tonnes)	2015	2016	2017	2018	2019	2020
Kolam <i>Ponds</i>	76,812.40	63,736.18	59,122.68	58,480.34	55,705.91	56,197.49
Bekas Lombong <i>Ex-mining Pools</i>	15,463.49	18,682.94	21,147.78	23,158.91	27,791.50	18,845.06
Sangkar <i>Cages</i>	13,667.82	15,559.02	16,537.18	13,993.90	13,836.18	15,736.40
Tangki Simen <i>Cement Tanks</i>	5,749.66	5,121.87	5,251.29	5,031.10	6,454.92	5,515.51
Tangki Kanvas <i>Canvas Tanks</i>	133.05	76.07	191.54	183.30	220.82	209.18
Kandang Ikan <i>Pen Culture</i>	318.72	172.13	346.36	386.97	566.73	678.09
Estet <i>Estet</i>	-	-	-	35.37	25.51	28.58

NILAI (RM '00)

*Value (RM '000)*

Kolam <i>Ponds</i>	484,308.33	453,362.34	419,964.54	412,365.19	415,372.35	442,994.16
Bekas Lombong <i>Ex-mining Pools</i>	101,902.47	126,142.75	100,997.25	114,102.74	157,252.94	100,389.55
Sangkar <i>Cages</i>	158,130.20	168,657.83	157,085.18	137,524.35	153,137.55	175,366.80
Tangki Simen <i>Cement Tanks</i>	41,916.92	39,361.65	46,779.17	43,461.52	50,063.12	42,654.77
Tangki Kanvas <i>Pen Culture</i>	651.80	417.00	1,151.41	1,010.37	1,332.37	1,182.86
Kandang Ikan <i>Pen Culture</i>	1,945.99	1,176.07	2,206.44	2,417.34	2,998.69	3,475.89
Estet <i>Estet</i>				212.21	346.17	400.83

### KUANTITI DAN NILAI PENGELUARAN AKUAKULTUR AIR PAYAU (2015-2020)

PENGELUARAN (TAN METRIK) Production (Tonnes)	2015	2016	2017	2018	2019	2020
Kolam Ponds	67,948.47	49,604.32	67,100.26	59,937.79	64,895.35	66,929.53
Sangkar Cages	45,980.28	35,461.97	36,881.91	37,444.02	37,001.29	32,943.19
Kerang/ Cockles	16,866.22	9,596.76	12,482.34	16,642.73	13,771.74	18,674.39
Siput Sudu/ Mussels	1,673.13	1,827.27	2,274.29	996.89	1,220.63	1,363.12
Lain-Lain /Others	1,091.70	1,559.58	2,714.22	1,090.65	2,180.46	836.05

### NILAI (RM'000) Value (RM'000)


Kolam/ Ponds	1,369,106.43	1,018,193.79	1,347,973.10	1,298,542.78	1,412,313.17	1,406,237.29
Sangkar/ Cages	951,332.76	803,481.77	807,212.65	879,509.60	895,136.58	745,899.03
Kerang /Cockles	41,238.06	38,805.68	64,658.67	84,030.47	90,484.94	115,309.59
Siput Sudu /Mussels	2,842.47	5,065.37	8,757.37	5,020.85	6,131.73	6,797.88
Lain-Lain /Others	12,707.75	26,087.44	39,491.98	26,579.44	54,204.85	15,149.86



## PENGELUARAN DAN NILAI IKAN HIASAN 2020

IKAN HIASAN Ornamental Fish	2019		2020		PERUBAHAN / Changes (%)	
	Kuantiti (Ekor) Quantity (Pieces)	Nilai Value (RM '000)	Kuantiti (Ekor) Quantity (Pieces)	Nilai Value (RM '000)	Kuantiti Quantity	Nilai Value
Cyprinids	99,653,669	98,058.43	82,511,037	137,319.48	-17.20	40.04
Anabantids	22,645,770	39,818.66	20,036,655	30,678.75	-11.52	-22.95
Poecilids	44,601,416	22,048.18	24,525,731	7,714.66	-45.01	-65.01
Characins	21,515,668	20,114.76	23,408,990	22,934.68	8.80	14.02
Chichlids	11,091,199	138,786.31	6,199,327	98,205.23	-44.11	-29.24
Osteoglossids	1,046,800	139,370.32	1,379,187	136,867.16	31.75	-1.80
Callichthyids	200	1.50	50,440,984	50,178.67	25,220,392.00	3,345,144.57
Cobitids	-	-	59,712	19.62	-	-
Loricariidae	6,160,689	1,233.08	2,206,801	400.67	-64.18	-67.51
Lain-lain (Others)	80,816,128	47,016.56	17,175,643	10,240.37	-78.75	-78.22
<b>JUMLAH BESAR Grand Total</b>	<b>287,531,539</b>	<b>506,447.79</b>	<b>227,944,067</b>	<b>494,559.28</b>	<b>-20.72</b>	<b>-2.35</b>

### PENGELUARAN DAN NILAI TUMBUHAN AKUATIK 2020

TUMBUHAN AKUATIK Aquatic Plants	2019		2020		PERUBAHAN Changes (%)	
	Kuantiti (Ikat) Quantity (Bundles)	Nilai Value (RM)	Kuantiti (Ikat) Quantity (Bundles)	Nilai Value (RM)	Kuantiti Quantity	Nilai Value
 Kedah	17,640	36,116.00	32,780	97,171.20	85.83	169.05
 Negeri Sembilan	299,223	748,057.50	217,800	544,500.00	-27.21	-27.21
 Johor	51,384,340	19,829,100.00	41,738,573	52,909,191.80	-18.77	166.83
 Pahang	4,330	34,640.00	1,474	22,110.00	-65.96	-36.17
 W.P. Labuan			135	76.00		
<b>JUMLAH BESAR</b> Grand Total	51,705,533	20,647,914	41,990,762	53,573,049	-18.79	159.46

**PENGELUARAN DAN NILAI IKAN  
HIASAN, (2015-2020)**

Tahun / Year	2015	2016	2017	2018	2019	2020
<b>Nilai</b> <b>(RM Juta)</b> <b>Value</b> <b>(RM Million)</b>	341.1	456.4	327.0	350.3	506.4	494.4
<b>Kuantiti</b> <b>(Juta Ekor)</b> <b>Quantity (Million Pieces)</b>	383.7	402.3	324.8	325.3	287.5	227.9

**PENGELUARAN REGA DAN BENIH DARI  
HATCERI KERAJAAN DAN SWASTA, 2020**

REGA DAN BENIH	KERAJAAN			SWASTA		
	2019	2020	Perubahan Changes%	2019	2020	Perubahan Changes%
<i>Air Tawar</i> ( <i>Freshwater</i> )	15,409,878	12,212,576	-20.75	1,172,004,808	751,077,077	-35.92
<i>Air Payau</i> ( <i>Brackishwater</i> )	124,467,879	19,936,037	-83.98	127,768,382	167,930,671	31.43
<i>Udang</i> ( <i>Prawn</i> )	11,935,847	10,375,849	-13.07	5,200,107,156	6,945,549,540	33.57
<i>Jumlah</i> <i>Total</i>	151,813,604	42,524,462	-71.99	6,499,880,346	7,864,557,288	21.00



(



# Perikanan Darat

Inland Fisheries



## PERIKANAN DARAT 2020

TAHUN	Kuantiti (MT)	Nilai (RM Juta)
2019	5,569	90.17
2020	5,625	83.18

















Tahun 2020 berlaku peningkatan kuantiti sebanyak 1.3 %

Penurunan nilai sebanyak 7.56 % berbanding tahun 2019

## PENDARATAN PERIKANAN DARAT MENGIKUT NEGERI, 2020

### Landings Of Freshwater Fish By State, 2020

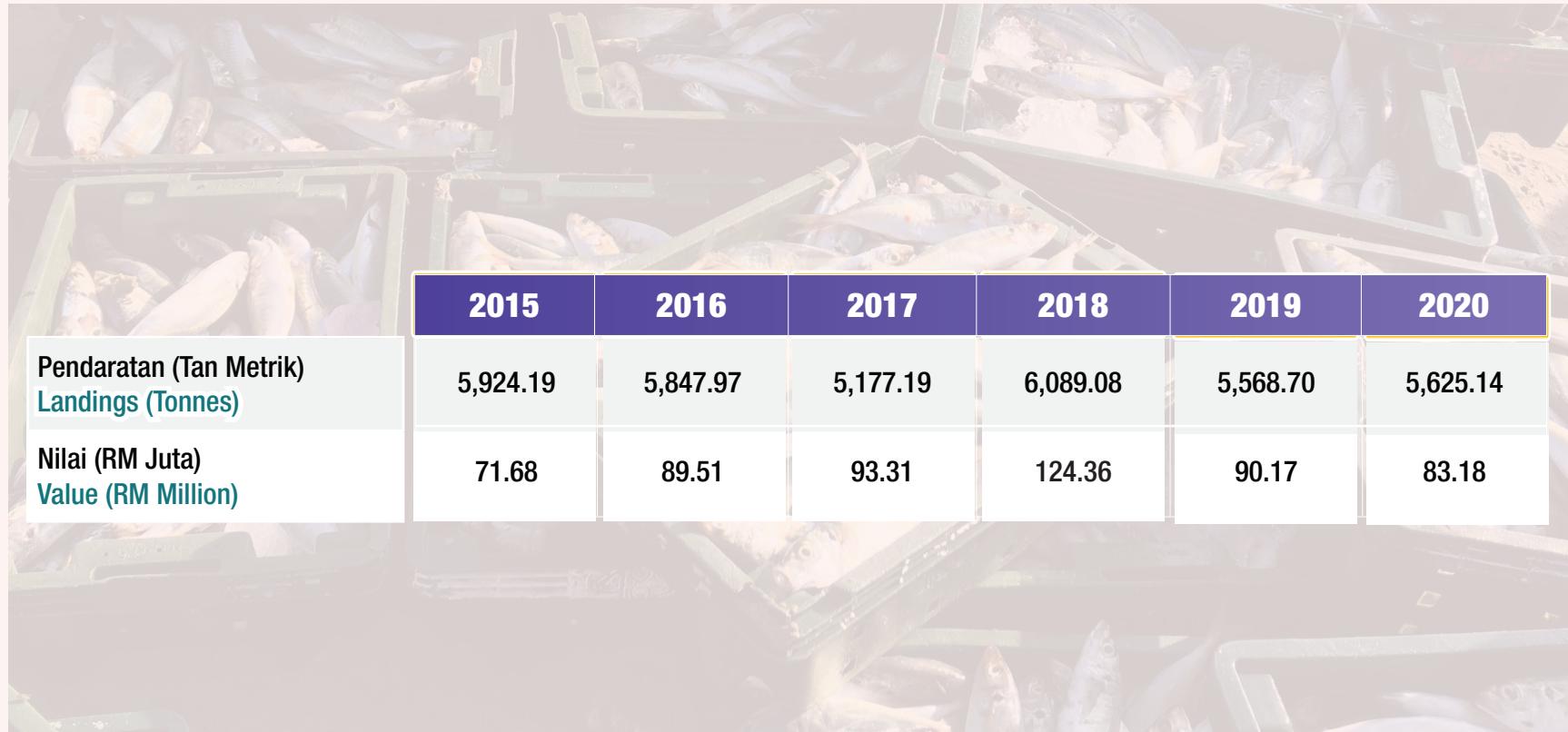
NEGERI		BEKAS LOMBONG	EMPANGAN	SUNGAI	TASIK	LAIN-LAIN	JUMLAH
	Perlis	Kuantiti (Tan Metrik)	-	92.96	-	-	92.96
		Nilai (RM)	-	765,688.86	-	-	765,688.86
	Kedah	Kuantiti (Tan Metrik)	-	27.36	250.72	1.56	279.64
		Nilai (RM)	-	223,914.50	2,584,743.00	20,099.00	2,828,756.50
	P.Pinang	Kuantiti (Tan Metrik)	-	19.36	-	-	19.36
		Nilai (RM)	-	363,483.30	-	-	363,483.30
	Perak	Kuantiti (Tan Metrik)	891.34	1,275.57	975.16	53.01	3,195.08
		Nilai (RM)	5,171,597.20	27,635,185.00	11,446,994.40	878,241.05	45,132,017.65
	Selangor	Kuantiti (Tan Metrik)	-	55.44	-	-	55.44
		Nilai (RM)	-	1,051,190.50	-	-	1,051,190.50
	N.Sembilan	Kuantiti (Tan Metrik)	-	9.25	-	-	9.25
		Nilai (RM)	-	266,775.50	-	-	266,775.50
	Melaka	Kuantiti (Tan Metrik)	-	3.54	-	-	3.54
		Nilai (RM)	-	138,785.00	-	-	138,785.00
	Johor	Kuantiti (Tan Metrik)	-	201.70	34.56	7.16	243.42
		Nilai (RM)	-	1,609,230.00	667,870.40	51,972.70	2,329,073.10
	Pahang	Kuantiti (Tan Metrik)	34.88	59.55	630.03	27.34	786.85
		Nilai (RM)	402,344.00	826,598.00	9,640,794.70	253,598.00	11,498,954.70
	Terengganu	Kuantiti (Tan Metrik)	-	76.26	12.58	-	88.84
		Nilai (RM)	-	1,319,279.98	176,784.00	-	1,496,063.98
	Kelantan	Kuantiti (Tan Metrik)	-	113.57	7.07	0.91	121.55
		Nilai (RM)	-	1,893,365.11	67,923.00	9,793.00	1,971,081.11
	Sarawak	Kuantiti (Tan Metrik)	-	635.20	-	-	635.20
		Nilai (RM)	-	13,834,363.99	-	-	13,834,363.99
	Sabah	Kuantiti (Tan Metrik)	-	93.91	-	-	93.91
		Nilai (RM)	-	1,500,790.00	-	-	1,500,790.00
	Labuan	Kuantiti (Tan Metrik)	-	0.12	-	-	0.12
		Nilai (RM)	-	1,080.00	-	-	1,080.00
<b>JUMLAH</b>		Kuantiti (Tan Metrik)	<b>926.21</b>	<b>381.57</b>	<b>3,197.51</b>	<b>1,030.87</b>	<b>5,625.14</b>
		Nilai (RM)	<b>5,573,941.20</b>	<b>3,425,431.36</b>	<b>60,897,706.47</b>	<b>12,017,371.10</b>	<b>83,178,104.18</b>

## PENDARATAN DAN NILAI PERIKANAN DARAT MENGIKUT PERAIRAN, 2020

*Landings and Value of Inland Fisheries by Waterbodies, 2019*

PERIKANAN DARAT	2019		2020		PERUBAHAN Changes (%)	
	Kuantiti (MT) Quantity (Tonnes)	Nilai Value (RM '000)	Kuantiti (MT) Quantity (Tonnes)	Nilai Value (RM '000)	Kuantiti Quantity	Nilai Value
Sungai (Rivers)	4,014.18	75,291.48	3,197.51	60,897.71	-20.34	-19.12
Bekas Lombong (Ex-Mining Pools)	563.87	3,871.91	926.21	5,573.94	64.26	43.96
Empangan (Dams)	293.25	2,804.72	381.57	3,425.43	30.12	22.13
Tasik (Lakes)	591.96	6,754.13	1,030.87	12,017.37	74.14	77.93
Lain-lain (Others)	105.44	1,449.82	88.98	1,263.65	-15.61	-12.84
<b>JUMLAH BESAR Grand Total</b>	<b>5,568.70</b>	<b>90,172.06</b>	<b>5,625.14</b>	<b>83,178.10</b>	<b>1.01</b>	<b>-7.76</b>

**PENDARATAN DAN NILAI PERIKANAN DARAT, (2015-2020)**  
*Production and Value of Inland Fisheries, (2015-2020)*



	2015	2016	2017	2018	2019	2020
<b>Pendaratan (Tan Metrik)</b> <b>Landings (Tonnes)</b>	5,924.19	5,847.97	5,177.19	6,089.08	5,568.70	5,625.14
<b>Nilai (RM Juta)</b> <b>Value (RM Million)</b>	71.68	89.51	93.31	124.36	90.17	83.18





(



An illustration of a fisherman in a small boat casting a net. A large, stylized fish with a blue and white body is jumping out of the water, with its net open. The background features stylized blue waves, white fish, and coral. The title 'Profil Perikanan Mengikut Negeri' is written in bold black text, and 'Fisheries Profile By State' is written in white text below it.

# Profil Perikanan Mengikut Negeri

Fisheries Profile  
By State

## PERLIS PROFIL PERIKANAN *Fisheries Profile*



### PERIKANAN TANGKAPAN ●

**Pendaratan Ikan**  
**69,357 tm**



Zon A	866	404
Zon B	365	85
Zon C	882	60
Zon G2	675	14
<b>Jumlah</b>	<b>2,788</b>	<b>563</b>



### ● AKUAKULTUR

	Air Tawar	Air Payau	Jumlah
orang	20	2	22
keluasan	52 ha	7 ha	59 ha
pengeluaran	143 tm	440 tm	583 tm

### ● KOMODITI UTAMA

**SIAKAP**  
**211 tm**



**UDANG HARIMAU**  
**109 tm**



**PELALING**  
**13,334 tm**



**SELAYANG**  
**7,826 tm**





## KEDAH PROFIL PERIKANAN

Fisheries Profile

### PERIKANAN TANGKAPAN

Pendaratan Ikan

**134,419 tm**



Nelayan



Vesel

Zon A

7,322

3,337

Zon B

1,617

335

Zon C

1,591

197

Zon C2

451

9

Jumlah

10,981

3,878



### AKUAKULTUR

Air Tawar

Air Payau

Jumlah



orang

281

224

505



keluasan

89 ha

852 ha

941 ha



pengeluaran

3,442 tm

8,503 tm

11,945 tm

### KOMODITI UTAMA

KELI  
3,081tm



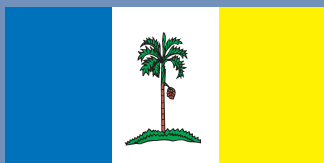
PELALING  
33,501 tm



BANDING  
2,659 tm



KEMBONG  
11,302 tm



## PULAU PINANG PROFIL PERIKANAN

Fisheries Profile

### PERIKANAN TANGKAPAN

Pendaratan Ikan

**56,849 tm**



Nelayan



Vesel

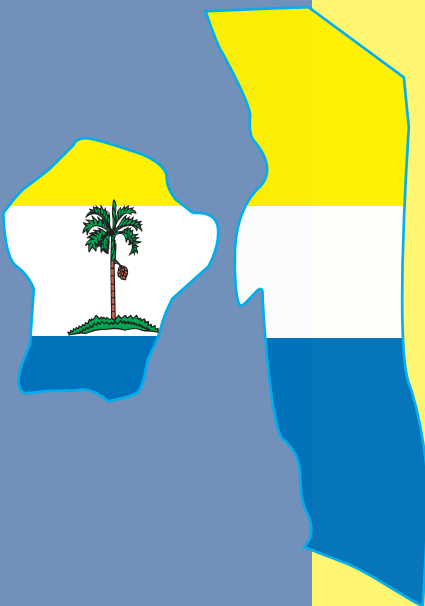
Zon A 4,211 2,242

Zon B 80 36

Zon C 294 45

Zon C2 213 21

Jumlah 4,798 2,344



### AKUAKULTUR

Air Tawar Air Payau Jumlah



orang

57

377

434



keluasan

43 ha

1,623 ha

1,666 ha



pengeluaran

2,712 tm

34,318 tm

37,030 tm

### KOMODITI UTAMA

PELALING  
**19,962 tm**



GELAMA  
**2,121 tm**



SIKAP  
**14,154 tm**



JENAHAK  
**4,995 tm**



# PERAK PROFIL PERIKANAN

Fisheries Profile



## PERIKANAN TANGKAPAN

Pendaratan Ikan  
**328,296 tm**



Zon A 6,174 3,055

Zon B 3,120 1,374

Zon C 5,467 728

Zon C2 2,443 137

Jumlah 17,204 5,294



## AKUAKULTUR

Air Tawar Air Payau Jumlah



1,034 518 1,552



3,970 ha 4,540 ha 8,510 ha



32,712 tm 32,480 tm 65,192 tm

## KOMODITI UTAMA

KERANG  
**14,834 tm**



PATIN  
**6,752 tm**



UDANG BARING  
**31,136 tm**



PELALING  
**33,398 tm**





## SELANGOR PROFIL PERIKANAN

Fisheries Profile

### PERIKANAN TANGKAPAN

Pendaratan Ikan

**161,032 tm**



Nelayan



Vesel

Zon A

4,380

2,434

Zon B

1,631

513

Zon C

1,689

188

Jumlah

7,700

3,135

### AKUAKULTUR

Air Tawar

Air Payau

Jumlah



orang

164

349

513



keluasan

350 ha

52 ha

5,840 ha



pengeluaran

15,825 tm

4,877 tm

20,702 tm

### KOMODITI UTAMA

TILAPIA MERAH  
**10,091 tm**



KELI  
**5,431 tm**



UDANG BARING  
**8,066 tm**



GELAMA  
**7,259 tm**



## NEGERI SEMBILAN PROFIL PERIKANAN

Fisheries Profile



### PERIKANAN TANGKAPAN

Pendaratan Ikan  
**596 tm**



Nelayan



Vesel

Zon A

423

312

Jumlah

423

312



### AKUAKULTUR

Air Tawar

Air Payau

Jumlah



orang

412

19

431



keluasan

355 ha

213 ha

568 ha



pengeluaran

3,368 tm

784 tm

4,152 tm

TILAPIAN MERAH  
**1,893 tm**



### KOMODITI UTAMA

KETAM RENJONG  
**54 tm**



KELI  
**967 tm**



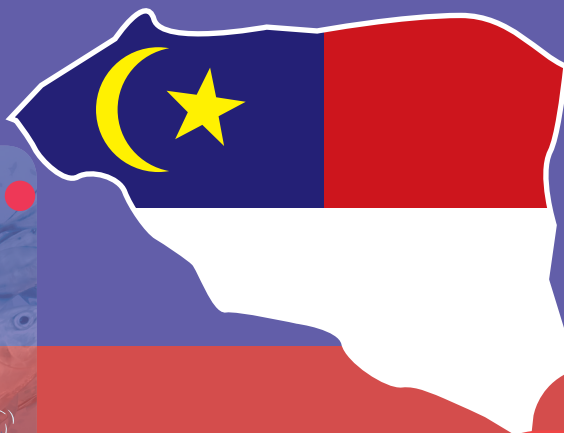
PARANG  
**62 tm**





## MELAKA PROFIL PERIKANAN

Fisheries Profile



### PERIKANAN TANGKAPAN

Pendaratan Ikan  
**1,798 tm**



Nelayan



Vesel

Zon A

942

729

Jumlah

942

729

### AKUAKULTUR

Air Tawar

Air Payau

Jumlah



orang

50

15

65



keluasan

45 ha

44 ha

89 ha



pengeluaran

3,236 tm

452 tm

3,688 tm

UDANG HARIMAU  
**306 tm**

### KOMODITI UTAMA

DURI  
**253 tm**

KELI  
**2,822 tm**

GELAMA  
**207 tm**



## JOHOR

### PROFIL PERIKANAN

Fisheries Profile



#### PERIKANAN TANGKAPAN

Pendaratan Ikan  
**70,178 tm**



Nelayan



Vesel

Zon A	Zon B	Zon C	Zon C2	Jumlah
7,112	951	1,272	1,801	11,136
3,784	240	141	72	4,237

#### KOMODITI UTAMA

UDANG PUTIH  
**6,549 tm**



KELI  
**4,085 tm**



AYA HITAM  
**5,059 tm**



SELAYANG  
**7,610 tm**



#### AKUAKULTUR

Air Tawar Air Payau Jumlah



orang

152

309

461



keluasan

170 ha

1,886 ha

2,056 ha



pengeluaran

6,393 tm

13,363 tm

19,756 tm

# PAHANG PROFIL PERIKANAN

Fisheries Profile

## PERIKANAN TANGKAPAN

Pendaratan Ikan  
**101,316 tm**



Nelayan



Vesel

Zon A

2,241

1,019

Zon B

713

174

Zon C

3,326

373

Zon C2

1,816

65

Jumlah

8,096

1,631

## KOMODITI UTAMA

PATIN  
**6,834 tm**

UDANG PUTIH  
**3,811 tm**

KERISI  
**8,328 tm**

SELAYANG  
**8,188 tm**

## AKUAKULTUR

Air Tawar

Air Payau

Jumlah



orang

1,670

26

1,696



keluasan

299 ha

753 ha

1,052 ha

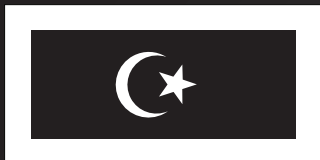


pengeluaran

10,971 tm

4,243 tm

15,214 tm



## TERENGGANU PROFIL PERIKANAN

Fisheries Profile

### PERIKANAN TANGKAPAN

Pendaratan Ikan  
**37,227 tm**



Nelayan



Vesel

Zon A

4,850

2,042

Zon B

1,191

214

Zon C

1,807

145

Zon C2

701

44

Jumlah

8,549

2,445



### AKUAKULTUR

Air Tawar

Air Payau

Jumlah



orang

490

134

633



keluasan

61 ha

467 ha

528 ha



pengeluaran

2,298 tm

2,826 tm

5,124 tm

### KOMODITI UTAMA

UDANG PUTIH  
1,955 tm



KERISI  
3,944 tm



TILAPIA MERAH  
817 tm



BILIS  
5,129 tm





## KELANTAN PROFIL PERIKANAN

Fisheries Profile

### PERIKANAN TANGKAPAN

Pendaratan Ikan

**73,579 tm**



Nelayan



Vesel

Zon A

2,536

1,141

Zon B

169

30

Zon C

592

65

Zon C2

2,203

69

Jumlah

5,500

1,305



### AKUAKULTUR

Air Tawar

Air Payau

Jumlah



orang

843

227

1,070



keluasan

105 ha

7 ha

112 ha



pengeluaran

4,771 tm

1,251 tm

6,022 tm

### KOMODITI UTAMA

KELI  
2,408 tm

AYA HITAM  
22,735 tm

PATIN  
2,044 tm

SELAYANG  
6,533 tm

## SARAWAK PROFIL PERIKANAN Fisheries Profile



### PERIKANAN TANGKAPAN

Pendaratan Ikan

**124,453 tm**



Nelayan



Vesel

Zon A	Zon B	Zon C	Zon C2	Jumlah
7,386	919	1,738	785	10,828
4,546	235	271	51	5,103

### AKUAKULTUR

	Air Tawar	Air Payau	Jumlah
orang	3,625	156	3,781
keluasan	805 ha	407 ha	1,212 ha
pengeluaran	9,479 tm	6,700 tm	16,179 tm

### KOMODITI UTAMA

UDANG PUTIH  
**5,211 tm**



IKAN CAMPUR  
**7,027 tm**



UDANG HARIMAU  
**1,346 tm**

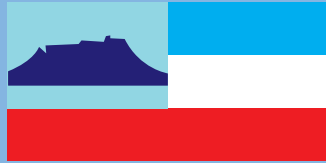


TAMBAN  
**6,543 tm**



# SABAH PROFIL PERIKANAN

Fisheries Profile



## PERIKANAN TANGKAPAN

Pendaratan Ikan  
**206,703 tm**



Zon A 21,869 15,613

Zon B 7,900 1,850

Zon C 621 82

Zon C2 96 43

Jumlah 30,486 17,588

## AKUAKULTUR

Air Tawar Air Payau Jumlah



6,105 2,182 8,287



686 ha 11,012 ha 11,698 ha



1,857 tm 192,569 tm 194,426 tm

## KOMODITI UTAMA

UDANG PUTIH  
**9,588 tm**

RUMPAI LAUT  
**182,043 tm**

TAMBAN  
**15,973 tm**

SELAYANG  
**18,508 tm**

# LABUAN PROFIL PERIKANAN

Fisheries Profile



## PERIKANAN TANGKAPAN

Pendaratan Ikan  
**17,497 tm**



Nelayan



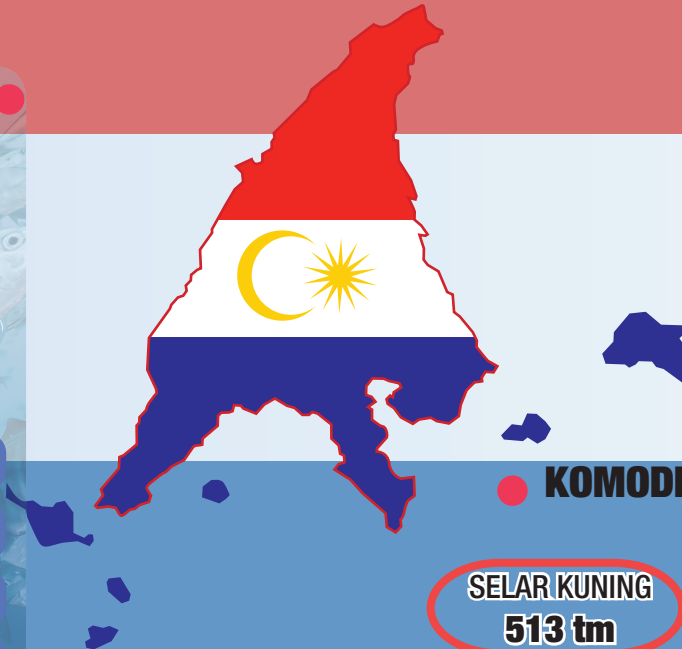
Vesel

Zon A 385 260

Zon C 3 1

Zon C2 9 1

Jumlah 397 262



## AKUAKULTUR

Air Tawar Air Payau Jumlah



orang

4

1

5



keluasan

0.06 ha

0.004 ha

0.064 ha



pengeluaran

0.6 tm

0.1 tm

0.70 tm

## KOMODITI UTAMA

SELAR KUNING  
513 tm



SELAR  
536 tm





(



















# Lampiran

Attachment

## BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL PENANGKAPAN IKAN YANG BERLESEN, 2020

### *Number Of Fishermen Working On Licensed Fishing Vessels, 2020*

<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Keturunan Ethnic Group</div> <div style="margin-left: 10px;">               </div> </div>	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Sarawak	Sabah	W.P Labuan	Jumlah Besar Grand Total
Bumiputera Bumiputeras	966	8,405	2,658	2,849	1,821	215	766	5,980	4,015	6,333	2,761	7,983	24,274	10	69,036
Cina Chinese	-	979	1,652	8,188	4,273	176	101	2,035	625	7	-	578	340	18	18,972
India Indians	-	-	35	294	221	32	2	4	-	-	-	912	-	-	1,500
Lain-lain (Tempatan) Others (Local)	-	-	-	-	153	-	73	349	-	-	-	-	-	360	935
Thai Thais	1,763	1,252	230	2,620	457	-	-	1,710	972	1,511	2,365	160	-	-	13,040
Indonesia Indonesians	-	14	211	78	299	-	-	209	247	-	-	1,098	64	-	2,220
Vietnam Vietnamese	-	4	-	-	-	-	-	630	804	-	340	13	39	9	1,839
Lain-Lain (Asing) Others (Foreigners)	59	327	12	3,175	476	-	-	219	1,433	698	34	84	5,769	-	12,286
Jumlah Besar Grand Total	2,788	10,981	4,798	17,204	7,700	423	942	11,136	8,096	8,549	5,500	10,828	30,486	397	119,828

**Nota: Bumiputera Termasuk Orang Melayu dan Kumpulan Bumiputera Lain.**

**Note: Bumiputeras Including Malays and Other Indigenous Groups**



## BILANGAN VESEL PENANGKAPAN IKAN YANG BERLESEN MENGIKUT NEGERI DAN KELAS MUATAN, MALAYSIA, 2020

### Number Of Licensed Fishing Vessels By State And Tonnage Class, Malaysia, 2020

Negeri State	Jenis Type	Berjentera Dalam / Inboard - Powered								Berjentera Sangkut Outboard - Powered	Tidak Berjentera Non - Powered	Jumlah Total
		0-4.9 GRT	5-9.9 GRT	10-14.9 GRT	15-19.9 GRT	20-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & ke atas (& above)			
Pantai Barat/West Coast:												
Perlis	-	21	16	7	23	59	60	14	200	363	-	563
Kedah	13	222	58	46	163	147	197	68	914	2,958	6	3,878
Pulau Pinang	36	97	35	8	-	49	36	21	282	2,062	-	2,344
Perak	227	1,019	168	394	185	262	729	146	3,130	2,163	1	5,294
Selangor	24	367	99	139	155	228	188	-	1,200	1,900	35	3,135
Negeri Sembilan	-	14	7	-	-	-	-	-	21	291	-	312
Melaka/Malacca	-	43	28	1	-	-	-	-	72	656	1	729
Johor Barat/West Johore	30	127	80	42	41	63	-	-	383	1,910	2	2,295
Jumlah Kecil/Sub-Total	330	1,910	491	637	567	808	1,210	249	6,202	12,303	45	18,550
Pantai Timur/East Coast:												
Kelantan	157	78	68	146	16	14	66	69	614	691	-	1,305
Terengganu	68	301	229	161	77	113	146	44	1,139	1,306	-	2,445
Pahang	3	82	99	74	49	123	376	65	871	760	-	1,631
Johor Timur/East Johore	28	47	79	51	20	84	141	72	522	1,419	1	1,942
Jumlah Kecil/Sub-Total	256	508	475	432	162	334	729	250	3,146	4,176	1	7,323
Malaysia: Semenanjung Malaysia/ (Peninsular Malaysia)	586	2,418	966	1,069	729	1,142	1,939	499	9,348	16,479	46	25,873
Sarawak	791	387	194	46	71	147	271	51	1,958	3,145	-	5,103
Sabah	868	698	334	308	412	551	82	43	3,296	11,227	3,065	17,588
W.P. Labuan/ Federal Territory Labuan	-	-	-	1	-	-	1	1	3	259	-	262
Jumlah Besar Grand Total	2,245	3,503	1,494	1,424	1,212	1,840	2,293	594	14,605	31,110	3,111	48,826

GRT- Gross Registered Tonnage.



## BILANGAN PERALATAN MENANGKAP IKAN YANG BERLESEN MENGIKUT NEGERI, MALAYSIA, 2020

### Number Of Licensed Fishing Gears By State, Malaysia, 2020

Peralatan Menangkap Ikan Fishing Gears	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Fish Purse Seines	Pukat Jerut Bilis Anchovy Purse Seines	Pukat Kenka Satu Bot/Kenka One Boat	Pukat Kenka Dua Bot/Kenka Two Boats	Pukat Tarik Lain Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat Stationary Traps	Bubu Portable Traps	Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Bintih Ketam Crab Traps	Memungut Siput Shellfish Collection	Rampaian Miscellaneous	Jumlah Total
Negeri State																		
<b>Pantai Barat / West Coast</b>																		
Perlis	78	35	-	-	-	-	408	-	-	-	1	-	-	-	-	-	-	522
Kedah	373	141	59	-	-	-	3,229	-	1	-	3	5	-	-	-	-	-	3,811
Pulau Pinang	82	-	-	38	-	-	2,007	-	-	3	47	9	-	-	14	-	-	2,200
Perak	1,452	167	10	-	465	6	2,512	-	-	25	32	47	-	5	248	38	-	5,007
Selangor	644	32	-	-	-	-	2,252	-	1	23	85	45	6	-	-	12	24	3,124
Negeri Sembilan	-	-	-	-	-	-	297	-	-	7	8	-	-	-	-	-	-	312
Melaka	-	-	-	-	-	-	729	-	-	-	-	-	-	-	-	-	-	729
Johor Barat/West Johore	129	-	-	-	-	-	2,096	-	13	10	3	42	1	-	-	-	-	2,294
Jumlah Kecil/Sub -Total	2,758	375	69	38	465	6	13,530	-	15	68	179	148	7	5	262	50	24	17,999
<b>Pantai Timur / East Coast</b>																		
Kelantan	74	63	11	-	-	12	996	11	-	24	104	-	-	-	-	-	-	1,295
Terengganu	129	120	17	-	-	-	316	15	-	118	1,679	-	-	-	-	-	-	2,394
Pahang	376	74	4	-	-	-	807	3	-	90	202	-	-	-	-	-	-	1,556
Johor Timur/East Johore	185	77	-	-	-	-	1,509	-	17	14	55	-	-	-	-	-	-	1,857
Jumlah Kecil/Sub -Total	764	334	32	-	-	12	3,628	29	17	246	2,040	-	-	-	-	-	-	7,102
Sarawak	307	24	-	-	-	6	4,309	1	1	46	39	200	126	44	-	-	-	5,103
Sabah	1,515	253	30	-	-	43	9,310	399	133	789	3,673	-	5	-	693	127	618	17,588
W.P. Labuan Federal Territory Of Labuan	-	-	2	3	-	-	121	-	-	13	118	-	-	-	5	-	-	262
Jumlah Kecil/Sub -Total	1,822	277	32	3	-	49	13,740	400	134	848	3,830	200	131	44	698	127	618	22,953
Jumlah Besar Grand Total	5,344	986	133	41	465	67	30,898	429	166	1,162	6,049	348	138	49	960	177	642	48,054

Nota/Note: Pukat Kenka Dua Bot mempunyai satu peralatan sahaja



# PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERALATAN MENANGKAP IKAN , MALAYSIA, 2020

## Landings Of Marine Fish By State And Fishing Gear Group , Malaysia, 2020

(Tan Metrik/*Tonnes*)

Kumpulan Peralatan Menangkap Ikan Fishing Gear Group	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Fish Purse Seines	Pukat Jerut Bilis Anchovy Purse Seines	Pukat Tarik Lain Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat Stationary Traps	Bubu Portable Traps	Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscellaneous	Jumlah Total
Negeri/State															
Pantai Barat / West Coast															
Perlis	23,839	33,254	-	168	11,642	-	-	-	-	-	-	373	7	74	69,357
Kedah	71,869	1,279	4,829	-	52,422	-	-	38	1,048	794	234	633	314	957	134,419
Pulau Pinang	18,672	3,951	-	7,366	23,352	0	-	204	2,175	31	231	7	606	253	56,849
Perak	165,172	100,068	930	18,826	29,433	-	-	5,346	927	4,207	347	1,352	1,121	566	328,296
Selangor	116,291	7,854	-	-	31,049	-	394	26	2,942	395	992	676	118	295	161,032
Negeri Sembilan	-	-	-	-	513	-	-	58	22	-	-	-	-	3	596
Melaka	-	-	-	-	1,512	-	-	3	254	-	-	27	3	-	1,798
Johor Barat/ <i>West Johore</i>	5,898	-	-	-	13,627	-	193	375	1,924	2,469	-	-	6	527	25,019
Jumlah Kecil/ <i>Sub-Total</i>	401,741	146,407	5,759	26,361	163,549	0	587	6,050	9,291	7,897	1,804	3,069	2,174	2,676	777,365
Pantai Timur / East Coast															
Kelantan	9,011	37,351	115	-	15,429	6,920	-	1,583	2,857	-	-	-	64	250	73,579
Terengganu	8,736	11,361	5,142	-	3,481	272	-	3,536	4,700	-	-	-	-	-	37,227
Pahang	64,302	24,056	1,585	-	2,891	-	-	6,493	1,989	-	-	-	-	-	101,316
Johor Timur/ <i>East Johore</i>	15,362	27,815	-	-	1,551	15	61	111	189	-	-	-	-	55	45,159
Jumlah Kecil/ <i>Sub-Total</i>	97,411	100,582	6,842	-	23,353	7,207	61	11,722	9,735	-	-	-	64	305	257,281
Semenanjung Malaysia <i>Peninsular Malaysia</i>	499,152	246,989	12,601	26,361	186,902	7,207	648	17,773	19,026	7,897	1,804	3,069	2,238	2,981	1,034,647
Sarawak	42,998	19,383	-	132	41,520	380	-	2,204	1,782	4,941	340	1,469	225	9,080	124,453
Sabah	66,501	67,590	183	989	37,710	10,680	856	1,912	15,938	-	151	1,188	1,887	1,119	206,703
Wilayah Persekutuan Labuan <i>Federal Territory Of Labuan</i>	10,537	1,367	127	-	2,046	218	-	205	2,997	-	-	-	-	-	17,497
Jumlah Besar <i>Grand Total</i>	619,188	335,329	12,910	27,481	268,177	18,486	1,504	22,094	39,743	12,838	2,295	5,725	4,350	13,180	1,383,299

## PENDARATAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 2020

### Landings Of Marine Fish By Month And State, 2020

(Tan Metrik/Tonnes)

Bulan/Month 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
Pantai Barat/West Coast													
Perlis	9,489	8,234	5,740	4,703	4,189	4,969	5,713	6,393	5,759	5,433	5,001	3,735	69,357
Kedah	13,152	13,523	11,780	7,028	6,702	10,472	11,510	11,518	12,348	11,772	11,970	12,645	134,419
Pulau Pinang	3,622	4,809	4,134	4,806	4,500	5,396	4,980	5,004	4,547	5,194	5,279	4,578	56,849
Perak	24,016	36,474	27,180	22,258	24,497	28,428	26,756	23,654	25,578	29,670	32,647	27,138	328,296
Selangor	11,774	13,726	7,265	9,809	11,401	15,499	15,413	15,583	13,810	15,449	15,765	15,537	161,032
Negeri Sembilan	51	54	59	57	60	76	76	62	58	0	0	44	596
Melaka	131	154	139	132	131	128	131	135	144	174	204	194	1,798
Johor Barat/West Johore	2,157	2,266	1,515	1,563	2,068	2,160	2,221	2,256	2,197	2,345	2,183	2,088	25,019
Jumlah Kecil/Sub-Total	64,391	79,238	57,812	50,356	53,547	67,128	66,799	64,605	64,441	70,038	73,050	65,959	777,365
Pantai Timur/East Coast													
Kelantan	2,362	3,748	8,566	7,083	8,747	5,834	6,189	8,087	8,815	7,268	4,001	2,880	73,579
Terengganu	2,024	2,615	3,226	3,778	2,658	2,506	3,644	3,507	5,100	4,569	2,246	1,354	37,227
Pahang	5,844	7,870	9,083	10,413	8,702	9,277	8,807	11,140	9,589	9,638	6,640	4,314	101,316
Johor Timur/East Johore	521	641	3,697	5,088	4,030	6,117	3,893	7,107	5,415	4,889	3,027	733	45,159
Jumlah Kecil/Sub-Total	10,751	14,875	24,573	26,362	24,137	23,733	22,532	29,841	28,919	26,363	15,915	9,281	257,281
Malaysia:													
Semenanjung Malaysia Peninsular Malaysia	75,142	94,113	82,385	76,718	77,684	90,861	89,331	94,446	93,360	96,401	88,965	75,240	1,034,647
Sarawak	8,832	8,856	12,992	12,337	11,623	11,844	11,336	11,104	9,816	9,149	9,210	7,355	124,453
Sabah	14,930	17,804	14,656	14,071	17,415	19,362	19,398	19,289	18,651	16,011	17,160	17,955	206,703
Wilayah Persekutuan Labuan Federal Territory Of Labuan	962	1,008	1,182	1,282	1,572	2,024	1,993	1,772	1,484	1,620	1,523	1,075	17,497
Jumlah Besar Grand Total	99,866	121,781	111,215	104,407	108,294	124,090	122,059	126,611	123,311	123,181	116,858	101,626	1,383,299

## PENGELUARAN DAN NILAI AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR TAWAR MENGIKUT SPESIS, 2020

### *Aquaculture Production From Freshwater Culture System By Species, 2020*

Spesis Species	Unit	Sistem Ternakan Culture System							Jumlah Total
		Kolam Air Tawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Air Tawar Freshwater Cages	Tangki Simen Cement Tanks	Tangki Kanvas Canvas Tanks	Kandang Ikan Pen Culture	Estet Estet	
Baung River Catfish	MT / Tonnes	562.93	35.77	792.58	0.41	-	-	-	1,391.69
	RM '000	7,013.12	436.89	12,333.17	6.73	-	-	-	19,789.91
Haruan Snakehead	MT / Tonnes	10.04	19.01	-	0.11	-	-	0.94	30.10
	RM '000	141.70	242.81	-	1.68	-	-	11.34	397.53
Jelawat River Carp	MT / Tonnes	2,146.39	453.31	80.11	0.10	-	-	0.03	2,679.95
	RM '000	29,049.26	3,158.53	3,441.17	2.50	-	-	0.54	35,652.00
Kap Kepala Besar Big Head Carp	MT / Tonnes	195.47	2,033.31	-	-	-	-	0.10	2,228.88
	RM '000	908.56	9,402.66	-	-	-	-	1.20	10,312.42
Kap Rumpit Grass Carp	MT / Tonnes	252.91	161.85	-	-	-	-	-	414.76
	RM '000	2,471.48	1,125.49	-	-	-	-	-	3,596.96
Keli Freshwater Catfish	MT / Tonnes	24,191.00	19.10	1,093.60	3,404.16	203.39	101.30	0.22	29,012.77
	RM '000	105,767.00	95.50	5,455.50	16,724.37	1,109.48	508.07	1.08	129,661.00
Lampam Jawa Javanese Carp	MT / Tonnes	584.84	505.64	53.03	0.12	-	-	3.48	1,147.11
	RM '000	5,989.34	2,456.66	1,261.10	1.49	-	-	55.64	9,764.24
Lee Koh Common Carp	MT / Tonnes	471.61	638.95	0.20	-	-	-	0.09	1,110.85
	RM '000	3,417.19	3,643.06	1.60	-	-	-	1.08	7,062.93
Patin River Catfish	MT / Tonnes	5,208.34	4,885.42	7,525.09	13.41	0.09	575.95	19.01	18,227.31
	RM '000	30,333.65	13,946.52	84,864.02	105.94	0.45	2,959.21	247.12	132,456.90
Rohu Labeo Rohita	MT / Tonnes	809.63	4,388.86	-	-	-	-	0.04	5,198.53
	RM '000	3,883.32	20,971.12	-	-	-	-	0.40	24,854.84
Tilapia Hitam Black Tilapia	MT / Tonnes	1,937.70	1,261.91	7.27	246.48	-	-	-	3,453.36
	RM '000	21,034.95	5,051.61	62.67	2,788.46	-	-	-	28,937.68
Tilapia Merah Red Tilapia	MT / Tonnes	18,311.87	3,581.22	4,285.33	1,826.16	3.50	0.83	0.30	28,009.20
	RM '000	195,375.88	34,421.02	49,333.26	20,636.85	44.21	8.60	3.00	299,822.83
Toman Giant Snakehead	MT / Tonnes	136.59	-	-	-	-	-	-	136.59
	RM '000	1,772.39	-	-	-	-	-	-	1,772.39
Udang Galah Giant Freshwater Prawn	MT / Tonnes	191.32	-	-	1.37	-	-	-	192.69
	RM '000	12,841.44	-	-	84.74	-	-	-	12,926.18
Pelbagai Others	MT / Tonnes	1,186.84	860.70	1,899.20	23.20	2.20	-	4.38	3,976.53
	RM '000	22,994.88	5,437.68	18,614.31	2,308.74	28.72	-	79.44	49,463.77
Jumlah Total	MT / Tonnes	56,197.49	18,845.06	15,736.40	5,515.51	209.18	678.09	28.58	97,210.32
	RM '000	442,994.16	100,389.53	175,366.80	42,661.50	1,182.86	3,475.89	400.83	766,471.58

## PENGELUARAN DAN NILAI AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR PAYAU MENGIKUT SPESIS, 2020

### *Aquaculture Production From Brackishwater Culture System By Species, 2020*

Spesis Species	Unit	Sistem Ternakan Culture System						Jumlah Total
		Kolam Air Payau Brackishwater Ponds	Sangkar Air Payau Brackishwater Cages	Tangki Air Masin Brackishwater Tanks	Kandang Air Payau Brackishwater Pen Culture	Kerang-Kerangan Molluscs	Rumpai Laut Seaweeds (basah/wet)	
Banding Milkfish	MT / Tonnes	2,692.42	561.54	-	-	-	-	3,253.96
	RM '000	20,277.48	3,930.80	-	-	-	-	24,208.27
Bawal Emas Trachinotus blochii	MT / Tonnes	-	2,912.71	-	-	-	-	2,912.71
	RM '000	-	54,060.24	-	-	-	-	54,060.24
Jenahak Mangrove Snapper	MT / Tonnes	10.86	6,848.15	-	-	-	-	6,859.01
	RM '000	380.09	159,220.16	-	-	-	-	159,600.25
Kerang Dewasa Cockles	MT / Tonnes	-	-	-	-	18,674.39	-	18,674.39
	RM '000	-	-	-	-	115,309.59	-	115,309.59
Kerapu Grouper	MT / Tonnes	-	10.35	-	15.10	-	-	25.45
	RM '000	-	258.69	-	377.43	-	-	636.12
Merah Red Snapper	MT / Tonnes	140.62	7,111.91	-	3.95	-	-	7,256.48
	RM '000	3,791.30	188,312.57	-	79.00	-	-	192,182.88
Nyok-nyok Horse mackerel	MT / Tonnes	-	2,910.39	-	-	-	-	2,910.39
	RM '000	-	52,387.34	-	-	-	-	52,387.34
Siakap Sea bass	MT / Tonnes	14,500.20	8,524.43	4.33	4.87	-	-	23,033.83
	RM '000	192,847.61	134,457.52	64.89	77.87	-	-	327,447.89
Siput Sudu Mussels	MT / Tonnes	-	-	-	-	1,363.12	-	1,363.12
	RM '000	-	-	-	-	6,797.88	-	6,797.88
Tilapia Merah Red Tilapia	MT / Tonnes	368.59	125.43	19.97	-	-	-	514.00
	RM '000	3,152.28	1,324.91	198.49	-	-	-	4,675.69
Tiram Oysters	MT / Tonnes	-	-	-	-	135.47	-	135.47
	RM '000	-	-	-	-	715.98	-	715.98
Udang Harimau Tiger Prawn	MT / Tonnes	13,524.76	-	-	-	-	-	13,524.76
	RM '000	387,813.11	-	-	-	-	-	387,813.11
Udang Putih Hawaiian White Shrimp	MT / Tonnes	35,063.90	-	84.75	-	-	-	35,148.65
	RM '000	779,370.81	-	1,895.95	-	-	-	781,266.76
Rumpai Laut Seaweeds	MT / Tonnes	-	-	-	-	-	182,061.00	182,061.00
	RM '000	-	-	-	-	-	58,873.18	58,873.18
Pelbagai Others	MT / Tonnes	628.18	3,938.29	23.79	200.43	343.39	-	5,134.08
	RM '000	18,604.60	151,946.80	1,137.04	6,719.03	3,884.18	-	182,291.64
Jumlah Total	MT / Tonnes	66,929.53	32,943.19	132.84	224.35	20,516.37	182,061.00	302,807.27
	RM '000	1,406,237.29	745,899.03	3,296.37	7,253.33	126,707.63	58,873.18	2,348,266.83

## PENGELUARAN AKUAKULTUR MENGIKUT NEGERI DAN SISTEM TERNAKAN, 2020

### *Aquaculture Production By State And Culture System, 2020*

(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	Tangki Kanvas Canvas Tanks	Kandang Ikan Pen Culture	Estet Estet	Jumlah Kecil Sub Total	Kolam Ponds	Sangkar Cages	Tangki Air Masin Brackishwater Tanks	Kandang Air Payau Brackishwater Pen Culture	Kerang-kerangan Molluscs	Rumpai Laut Seaweeds (basah/wet)	Jumlah Kecil Sub Total	
Perlis	106.32	-	-	37.06	-	-	-	143.38	440.17	-	-	-	-	-	440.17	583.55
Kedah	3,334.14	-	69.44	35.06	2.93	-	-	3,441.57	7,729.89	734.27	8.60	-	30.69	-	8,503.45	11,945.02
Pulau Pinang	2,625.05	-	27.41	58.00	2.03	-	-	2,712.49	12,535.29	18,684.35	76.05	-	3,021.95	-	34,317.64	37,030.13
Perak	12,631.21	17,131.35	2,651.87	205.20	81.14	11.06	-	32,711.83	10,383.06	6,951.09	15.83	-	15,129.96	-	32,479.93	65,191.76
Selangor	10,385.67	1,563.00	265.53	3,605.14	5.84	-	-	15,825.17	2,869.40	1,202.14	0.10	-	805.35	-	4,876.99	20,702.16
Negeri Sembilan	2,740.32	150.72	24.43	449.41	3.16	-	0.30	3,368.34	761.96	4.54	-	-	0.15	17.70	784.35	4,152.69
Melaka	3,061.85	-	-	172.34	2.15	-	-	3,236.34	406.43	-	-	-	46.01	-	452.44	3,688.78
Johor	6,142.58	-	40.24	209.79	-	-	-	6,392.61	8,945.46	3,143.22	3.29	-	1,270.79	-	13,362.76	19,755.37
Pahang	2,267.33	-	8,451.35	169.63	54.37	-	28.28	10,970.96	4,196.74	22.22	24.09	-	-	-	4,243.05	15,214.01
Terengganu	326.67	-	1,816.62	154.49	0.66	-	-	2,298.45	2,236.01	575.92	0.22	-	13.56	-	2,825.70	5,124.15
Kelantan	2,703.59	-	1,099.73	243.78	56.66	667.03	-	4,770.78	13.59	1,228.64	-	-	9.19	-	1,251.42	6,022.19
Sarawak	8,025.11	-	1,288.55	165.13	-	-	-	9,478.79	6,570.15	129.15	-	0.78	0.12	-	6,700.20	16,178.99
Sabah	1,847.62	-	0.70	8.79	0.21	-	-	1,857.31	9,841.38	267.58	4.67	223.57	188.58	182,043.30	192,569.08	194,426.39
W.P. Labuan	0.03	-	0.54	-	0.04	-	-	0.61	-	0.08	-	-	0.02	-	0.10	0.71
W.P. Kuala Lumpur	-	-	-	1.70	-	-	-	1.70	-	-	-	-	-	-	-	1.70
<b>Jumlah/Total</b>	<b>56,197.49</b>	<b>18,845.06</b>	<b>15,736.40</b>	<b>5,515.51</b>	<b>209.18</b>	<b>678.09</b>	<b>28.58</b>	<b>97,210.32</b>	<b>66,929.53</b>	<b>32,943.19</b>	<b>132.84</b>	<b>224.35</b>	<b>20,516.37</b>	<b>182,061.00</b>	<b>302,807.27</b>	<b>400,017.59</b>



## NILAI BORONG PENGELUARAN AKUAKULTUR MENGIKUT NEGERI DAN SISTEM TERNAKAN, 2020
















### Wholesale Value Of Aquaculture Production By State And Culture System, 2020

(NILAI DALAM RM ' 000/VALUE IN 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	Tangki Kanvas Canvas Tanks	Kandang Ikan Pen Culture	Estet Estet	Jumlah Kecil Sub Total	Kolam Ponds	Sangkar Cages	Tangki Air Masin Brackishwater Tanks	Kandang Air Payau Brackishwater Pen Culture	Kerang- kerangan Molluscs	Rumpai Laut Seaweeds (basah/ wet)	Jumlah Kecil Sub Total	
Perlis	763.08	-	-	185.29	-	-	-	948.37	6,675.42	-	-	-	-	-	6,675.42	7,623.80
Kedah	19,755.68	-	726.37	203.23	13.40	-	-	20,698.69	113,788.36	16,434.88	146.20	-	161.25	-	130,530.68	151,229.37
Pulau Pinang	11,404.14	-	203.98	511.79	19.99	-	-	12,139.90	176,945.23	427,685.55	1,747.95	-	23,187.00	-	629,565.73	641,705.64
Perak	77,216.28	80,130.32	26,100.37	1,465.67	466.03	110.93	-	185,489.60	239,197.70	159,175.42	443.16	-	86,981.69	-	485,797.97	671,287.57
Selangor	99,720.19	18,756.00	3,086.18	27,742.06	28.62	-	-	149,333.05	87,183.97	35,417.40	1.80	-	6,616.78	-	129,219.95	278,553.00
Negeri Sembilan	24,988.17	1,503.22	244.30	4,210.00	14.30	-	3.00	30,963.00	18,414.13	78.00	-	-	1.81	619.33	19,113.27	50,076.26
Melaka	12,852.55	-	-	733.49	15.05	-	-	13,601.09	13,335.56	-	-	-	275.64	-	13,611.20	27,212.28
Johor	39,932.99	-	409.45	1,104.39	-	-	-	41,446.84	253,964.25	65,218.22	226.63	-	7,300.69	-	326,709.80	368,156.64
Pahang	29,906.42	-	105,437.30	1,059.03	328.45	-	397.83	137,129.04	107,909.33	269.20	260.15	-	-	-	108,438.68	245,567.72
Terengganu	2,822.39	-	19,735.36	999.82	7.22	-	-	23,564.79	51,491.38	8,216.44	3.23	-	81.34	-	59,792.38	83,357.17
Kelantan	16,705.13	-	5,641.82	1,355.90	286.07	3,364.96	-	27,353.90	253.01	21,758.74	-	-	55.23	-	22,066.99	49,420.88
Sarawak	80,409.82	-	13,751.45	2,934.22	-	-	-	97,095.49	129,114.63	3,434.28	-	11.63	0.48	-	132,561.02	229,656.50
Sabah	26,517.00	-	10.50	131.10	2.42	-	-	26,661.02	207,964.32	8,208.10	467.25	7,241.70	2,045.52	58,253.86	284,180.74	310,841.76
W.P. Labuan	0.30	-	19.72	-	1.31	-	-	21.32	-	2.80	-	-	0.20	-	3.00	24.32
W.P. Kuala Lumpur	-	-	-	25.50	-	-	-	25.50	-	-	-	-	-	-	-	25.50
Jumlah/Total	442,994.16	100,389.55	175,366.80	42,661.50	1,182.86	3,475.89	400.83	766,471.58	1,406,237.29	745,899.03	3,296.37	7,253.33	126,707.63	58,873.18	2,348,266.83	3,114,738.40



**PENGELUARAN DAN NILAI IKAN HIASAN DAN TUMBUHAN AKUATIK MENGIKUT NEGERI 2020**  
*Production And Value Of Ornamental Fish And Aquatic Plant By State, 2020*

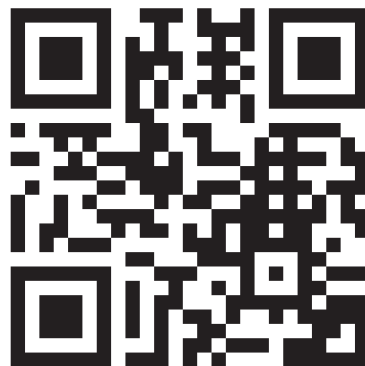
Negeri State	Pengeluaran Ikan Hiasan Production of Ornamental Fish (ekor/pieces)	Nilai (RM) Value (RM)	Pengeluaran Tumbuhan Akuatik Production of Aquatic Plant (ikat/bundle)	Nilai (RM ) Value (RM )
 Perlis	181,144	801,055.50	-	-
 Kedah	73,240	410,528.60	32,780	97,171.20
 Pulau Pinang	953,666	9,864,821.40	-	-
 Perak	49,270,670	208,474,056.61	-	-
 Selangor	513,716	7,857,505.60	-	-
 Negeri Sembilan	19,119	616,567.50	217,800	544,500.00
 Melaka	287,994	354,770.90	-	-
 Johor	175,554,832	258,972,661.45	41,738,573	52,909,191.80
 Pahang	107,517	928,182.10	1,474	22,110.00
 Terengganu	306,740	2,318,205.60	-	-
 Kelantan	238,385	1,647,512.00	-	-
 Sarawak	294,337	1,158,448.00	-	-
 Sabah	120,623	943,590.00	-	-
 W.P. Labuan	3,916	9,869.50	135	76.00
 W.P. Kuala Lumpur	18,168	47,236.80	-	-
<b>Jumlah/Total</b>	<b>227,944,067</b>	<b>494,405,011.56</b>	<b>41,990,762.00</b>	<b>53,573,049.00</b>



**PENDARATAN DAN NILAI IKAN AIRTAWAR DARI PERAIRAN UMUM MENGIKUT PERAIRAN DAN NEGERI, 2020**  
*Landings And Value Of Freshwater Fish From Public Waterbodies By Waterbodies And State, 2020*

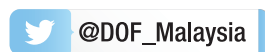
Negeri State	Unit	Sungai Rivers	Bekas Lombong Ex-Mining Pools	Empangan Dams	Tasik Lakes	Lain-Lain Others	Jumlah Total
Perlis	MT / Tonnes	-	-	92.96	-	-	92.96
	RM '000	-	-	765.69	-	-	765.69
Kedah	MT / Tonnes	250.72	-	27.36	1.56	-	279.64
	RM '000	2,584.74	-	223.91	20.10	-	2,828.76
Pulau Pinang	MT / Tonnes	19.36	-	-	-	-	19.36
	RM '000	363.48	-	-	-	-	363.48
Perak	MT / Tonnes	1,275.57	891.34	-	975.16	53.01	3,195.08
	RM '000	27,635.19	5,171.60	-	11,446.99	878.24	45,132.02
Selangor	MT / Tonnes	55.44	-	-	-	-	55.44
	RM '000	1,051.19	-	-	-	-	1,051.19
Negeri Sembilan	MT / Tonnes	9.25	-	-	-	-	9.25
	RM '000	266.78	-	-	-	-	266.78
Melaka	MT / Tonnes	3.54	-	-	-	-	3.54
	RM '000	138.79	-	-	-	-	138.79
Johor	MT / Tonnes	34.56	-	201.70	7.16	-	243.42
	RM '000	667.87	-	1,609.23	51.97	-	2,329.07
Pahang	MT / Tonnes	630.03	34.88	59.55	27.34	35.06	786.85
	RM '000	9,640.79	402.34	826.60	253.60	375.62	11,498.95
Terengganu	MT / Tonnes	76.26	-	-	12.58	-	88.84
	RM '000	1,319.28	-	-	176.78	-	1,496.06
Kelantan	MT / Tonnes	113.57	-	-	7.07	0.91	121.55
	RM '000	1,893.37	-	-	67.92	9.79	1,971.08
Sarawak	MT / Tonnes	635.20	-	-	-	-	635.20
	RM '000	13,834.36	-	-	-	-	13,834.36
Sabah	MT / Tonnes	93.91	-	-	-	-	93.91
	RM '000	1,500.79	-	-	-	-	1,500.79
W.P. Labuan	MT / Tonnes	0.12	-	-	-	-	0.12
	RM '000	1.08	-	-	-	-	1.08
Jumlah/Total	MT / Tonnes	3,197.51	926.21	381.57	1,030.87	88.98	5,625.14
	RM '000	60,897.71	5,573.94	3,425.43	12,017.37	1,263.65	83,178.10





Diterbitkan oleh  
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