MALAYSIA

PERANGKAAN GETAH TAHUNAN

ANNUAL RUBBER STATISTICS

2016

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JABATAN PERANGKAAN MALAYSIA

DEPARTMENT OF STATISTICS, MALAYSIA

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MALAYSIA

PERANGKAAN GETAH TAHUNAN
ANNUAL RUBBER STATISTICS

2016

Pemakluman/*Announcement*:

Dimaklumkan bahawa Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day 2017 adalah " Data Berkualiti, Kehidupan Sejahtera".

Please be informed that the Government of Malaysia has declared National Statistics Day on October 20 each year. MyStats Day 2017 theme is "Better Data, Better Lives".

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA

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Pengguna yang mengeluarkan sebarang maklumat dari terbitan ini sama ada yang asal atau diolah semula hendaklah meletakkan kenyataan berikut:
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KATA PENGANTAR

Penerbitan ini memaparkan perangkaan getah tahunan yang diperoleh daripada Banci Ekonomi 2016 (tahun rujukan 2015) bagi estet getah. Penerbitan ini diterbitkan setiap lima tahun dan yang terakhir pada 2011 (tahun rujukan 2010).

Data utama yang dilaporkan dalam penerbitan ini meliputi bilangan estet, keluasan, pengeluaran, hasil, bilangan pekerja, gaji & upah dan perbelanjaan modal. Data sekunder seperti eksport dan import, penggunaan domestik serta perangkaan getah negara terpilih turut dipaparkan. Statistik ini boleh digunakan oleh agensi kerajaan, ahli ekonomi, ahli akademik, pihak swasta serta individu bagi tujuan membuat perancangan dan penggubalan dasar, analisis ekonomi, unjuran dan merancang program pembangunan sektor pertanian.

Penerbitan ini dibahagikan kepada empat bahagian. Bahagian pertama memaparkan infografik perangkaan getah diikuti bahagian kedua mengandungi ringkasan penemuan perangkaan getah. Penerangan aspek teknikal seperti skop dan liputan, konsep dan definisi serta pembolehubah utama disertakan di bahagian ketiga bagi memudahkan pengguna memahami statistik yang diterbitkan, manakala bahagian keempat pula memaparkan jadual perangkaan terperinci.

Jabatan merakamkan setinggi-tinggi penghargaan atas kerjasama yang diberikan oleh responden dan juga semua pihak yang telah menyumbang secara langsung dan tidak langsung dalam menjayakan penerbitan ini. Setiap maklum balas dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN
Ketua Perangkawan Malaysia

November 2017

PREFACE

This publication presents statistics on all economic sectors obtained from the Economic Census 2016 (reference year 2015) for rubber estates. This publication is published every five years and the last was in 2011 (reference year 2010).

The main data reported in this publication include number of estates, area, production, yield, number of persons engaged, salaries & wages and capital expenditure. Secondary data such as exports and imports, domestic consumption as well as rubber statistics of selected countries are also included. These statistics can be used by government agencies, economists, academicians, private sectors and individuals for planning and formulations policies, economic analysis, projections and planning agriculture sector development programme.

This publication is divided into four parts. The first part displays infographic of the rubber statistics followed by the second part contains a summary of findings for the rubber statistics. Descriptions of technical aspects such as scope and coverage, concepts and definitions as well as the key variables used are provided in the third part to assist users to understand the published statistics. Meanwhile, the fourth part provides the detailed statistical tables.

The Department gratefully acknowledges the co-operation rendered by the respondents as well as all parties who have contributed directly and indirectly in making this publication a success. Every feedback and suggestion towards improving future publication is highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN
Chief Statistician Malaysia

November 2017

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PENEMUAN UTAMA
MAIN FINDINGS

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PENEMUAN UTAMA BANCI EKONOMI 2016 (PERANGKAAN GETAH TAHUNAN)

Keluasan bertanam

2015 : 995,733 hektar
2010 : 1,015,152 hektar

92.4% Kebun kecil 7.6% estet

Pengeluaran

2015 : 722,122 tan metrik
2010 : 939,241 tan metrik
Kadar pertumbuhan tahunan **-5.1%**

Penggunaan domestik

2015 : 474,773 tan metrik
2010 : 457,854 tan metrik
Kadar pertumbuhan tahunan **+0.7%**

Pengeluaran di estet

2015 : 56,821 tan metrik
2010 : 56,337 tan metrik
Kadar pertumbuhan tahunan **+0.2%**

Import

2015 : 957,300 tan metrik
2010 : 706,250 tan metrik
Kadar pertumbuhan tahunan **+6.3%**

Bilangan pekerja di estet

2015 : 12,056 orang
2010 : 10,557 orang
Kadar pertumbuhan tahunan +**2.7%**

Eksport

2015 : 706,501 tan metrik
2010 : 900,770 tan metrik
Kadar pertumbuhan tahunan **-4.7%**

Gaji & upah pekerja di estet

2015 : RM186.4 juta
2010 : RM115.8 juta
Kadar pertumbuhan tahunan +**10.0%**

Fakta Getah 2015

Kedah merekodkan keluasan bertanam getah **tertinggi** pada 2015

16,887 hektar

Industri **sarung tangan getah** merupakan industri terbesar menggunakan getah asli **349,031** tan metrik

73.5%

Thailand merupakan negara pembekal utama getah asli ke Malaysia

506.5 ribu tan metrik

Malaysia berada di kedudukan yang ke **empat** pengeluaran getah asli dunia

Malaysia mengeksport getah asli ke **China** sebanyak 348,519 tan metrik (49.3%)

MAIN FINDINGS ECONOMIC CENSUS 2016 (ANNUAL RUBBER STATISTICS)

Planted area

2015 : 995,733 hectares
2010 : 1,015,152 hectares

92.4% Smallholdings 7.6% estates

Production

2015 : 722,122 tonnes
2010 : 939,241 tonnes
Annual growth rate
-5.1%

Production in estates

2015 : 56,821 tonnes
2010 : 56,337 tonnes
Annual growth rate
+0.2%

Number of persons engaged in estates

2015 : 12,056 persons
2010 : 10,557 persons
Annual growth rate
+2.7%

Salaries & wages estates workers

2015 : RM186.4 million
2010 : RM115.8 million
Annual growth rate
+10.0%

Exports

2015 : 706,501 tonnes
2010 : 900,770 tonnes
Annual growth rate
-4.7%

Imports

2015 : 957,300 tonnes
2010 : 706,250 tonnes
Annual growth rate
+6.3%

Domestic consumption

2015 : 474,773 tonnes
2010 : 457,854 tonnes
Annual growth rate
+0.7%

Rubber facts 2015

Kedah recorded the **highest** planted area in 2015

16,887 hectares

Rubber gloves industry was the largest industry using natural rubber

349,031 tonnes

73.5%

Thailand was the main supplier of natural rubber to Malaysia

506.5 thousand tonnes

Malaysia is in the **fourth** position of the world's natural rubber production

Malaysia exports natural rubber to **China** by 348,519 tonnes (49.3%)

RINGKASAN PENEMUAN

SUMMARY OF FINDINGS

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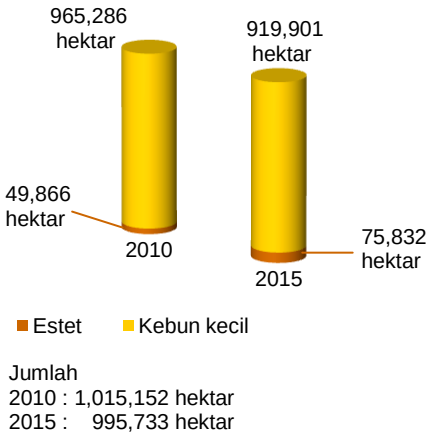
1. PENGENALAN

Laporan ini membentangkan perangkaan getah yang dikumpul daripada pelbagai sumber. Data estet diperoleh daripada Banci Ekonomi 2016 (tahun rujukan 2015). Keluaran Dalam Negeri Kasar bagi getah meningkat pada kadar perlahan sebanyak 7.2 peratus pada 2015 berbanding 10.6 peratus pada tahun 2010.

2. KELUASAN BERTANAM

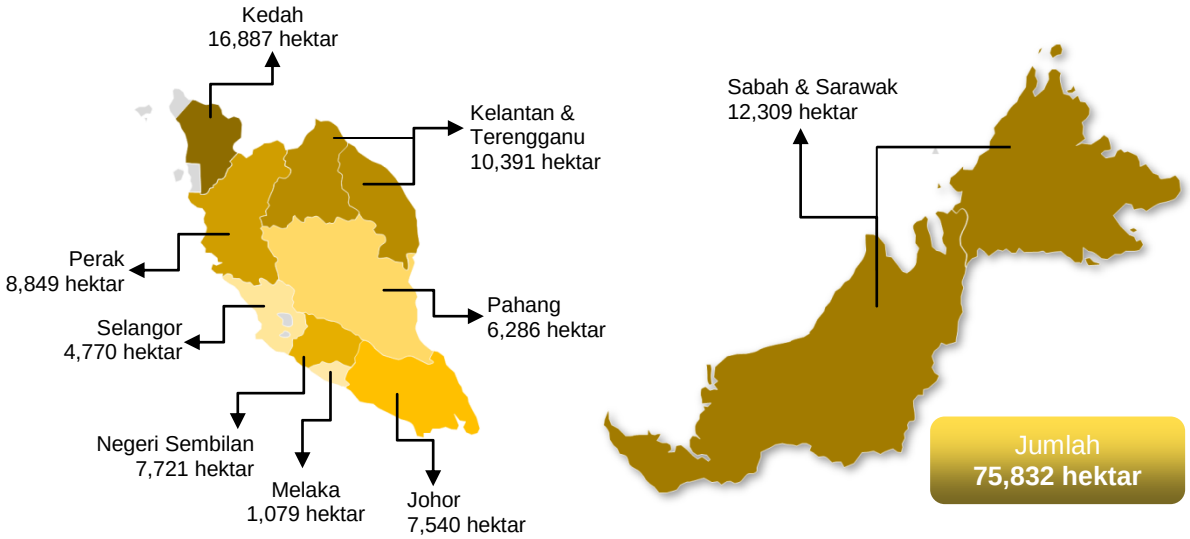
Sebahagian besar penanaman getah dimiliki oleh pekebun kecil iaitu berjumlah 919,901 hektar (92.4%) dan 75,832 hektar (7.6%) dimiliki oleh estet. Keluasan bertanam estet getah meningkat daripada 49,866 hektar kepada 75,832 hektar pada 2015 dengan kadar pertumbuhan tahunan 8.7 peratus. Walau bagaimanapun, keluasan bertanam getah milik pekebun kecil berkurangan dari 965,286 hektar pada 2010 kepada 919,901 hektar pada 2015. [**Paparan 1**]

Paparan 1 : Keluasan bertanam getah mengikut estet dan kebun kecil, 2010 dan 2015



Kedah mencatatkan keluasan bertanam estet getah tertinggi iaitu sebanyak 16,887 hektar diikuti Sabah & Sarawak (12,309 hektar) dan Kelantan & Terengganu (10,391 hektar). Melaka mencatatkan keluasan bertanam estet getah terendah dengan 1,079 hektar. [**Paparan 2**]

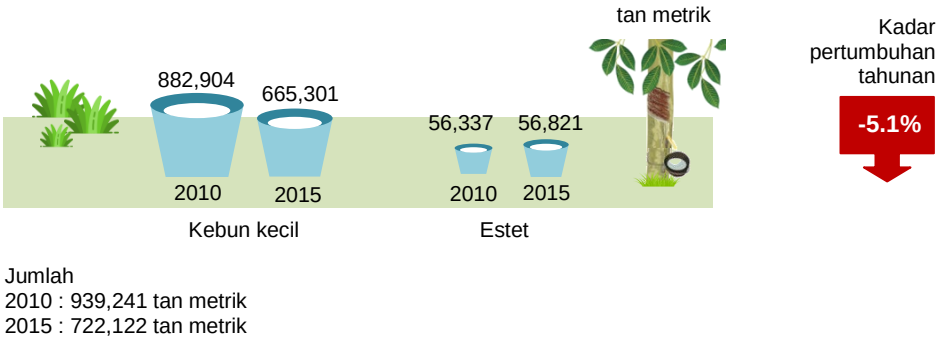
Paparan 2 : Keluasan bertanam estet getah mengikut negeri, 2015



3. PENGELUARAN

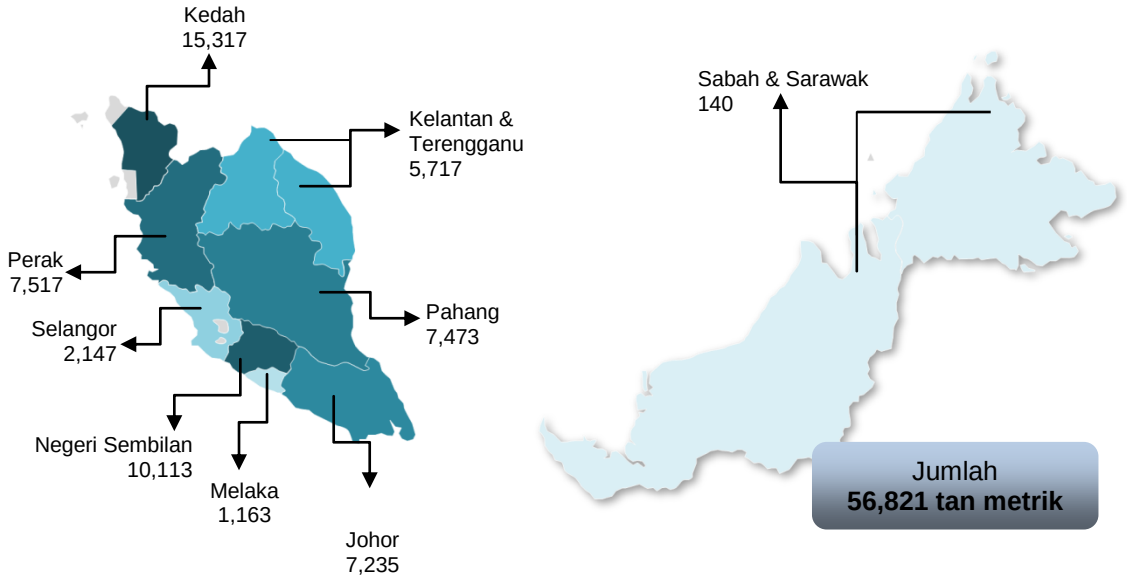
Pengeluaran getah asli menurun daripada 939,241 tan metrik pada 2010 kepada 722,122 tan metrik pada 2015 dengan kadar pertumbuhan tahunan sebanyak -5.1 peratus. Pada 2015, sektor kebun kecil adalah penyumbang utama dalam pengeluaran getah asli (92.1%) berbanding estet (7.9%). Pengeluaran di kebun kecil berkurang sebanyak 217,603 tan metrik daripada 882,904 tan metrik pada 2010 kepada 665,301 tan metrik pada 2015. Sementara itu, pengeluaran di estet mencatatkan peningkatan sebanyak 0.2 peratus setahun kepada 56,821 tan metrik bagi tempoh yang sama. [**Paparan 3**]

Paparan 3 : Pengeluaran getah asli, 2010 dan 2015



Kedah mencatatkan pengeluaran getah asli tertinggi di estet iaitu sebanyak 15,317 tan metrik diikuti Negeri Sembilan (10,113 tan metrik) dan Perak (7,517 tan metrik). Sabah & Sarawak mencatatkan pengeluaran terendah dengan 140 tan metrik pada 2015. [**Paparan 4**]

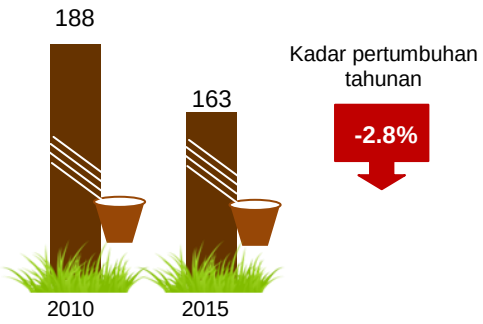
Paparan 4 : Pengeluaran getah asli di estet mengikut negeri, 2015



4. BILANGAN ESTET

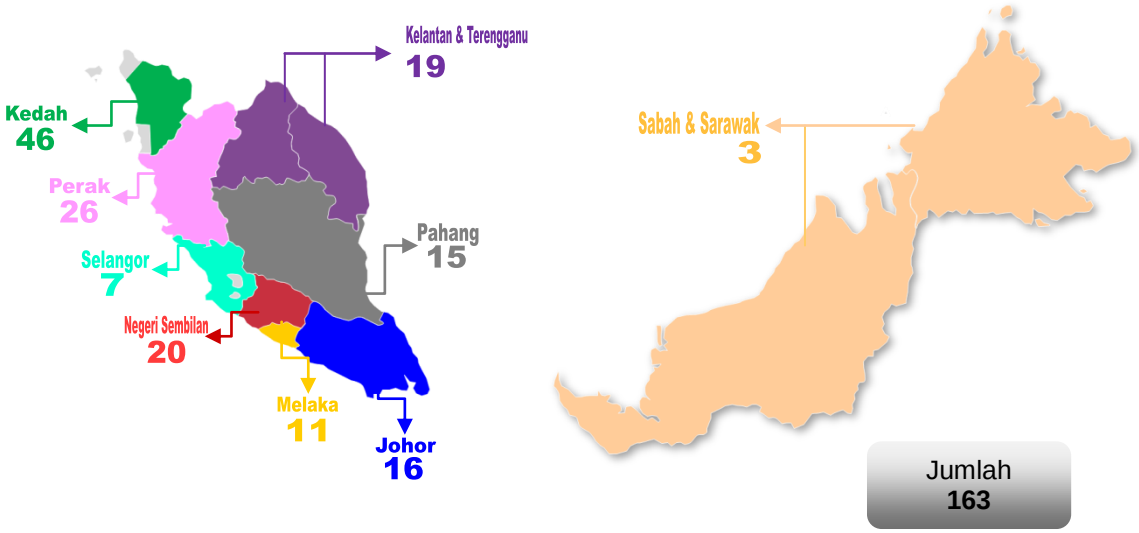
Bilangan estet getah yang beroperasi pada 2015 adalah sebanyak 163 berbanding 188 pada 2010 dengan kadar pertumbuhan tahunan sebanyak -2.8 peratus. [**Paparan 5**]

Paparan 5 : Bilangan estet, 2010 dan 2015



Kedah mencatatkan bilangan estet tertinggi berbanding negeri lain iaitu sebanyak 46 estet diikuti Perak (26) dan Negeri Sembilan (20). [**Paparan 6**]

Paparan 6 : Bilangan estet mengikut negeri, 2015



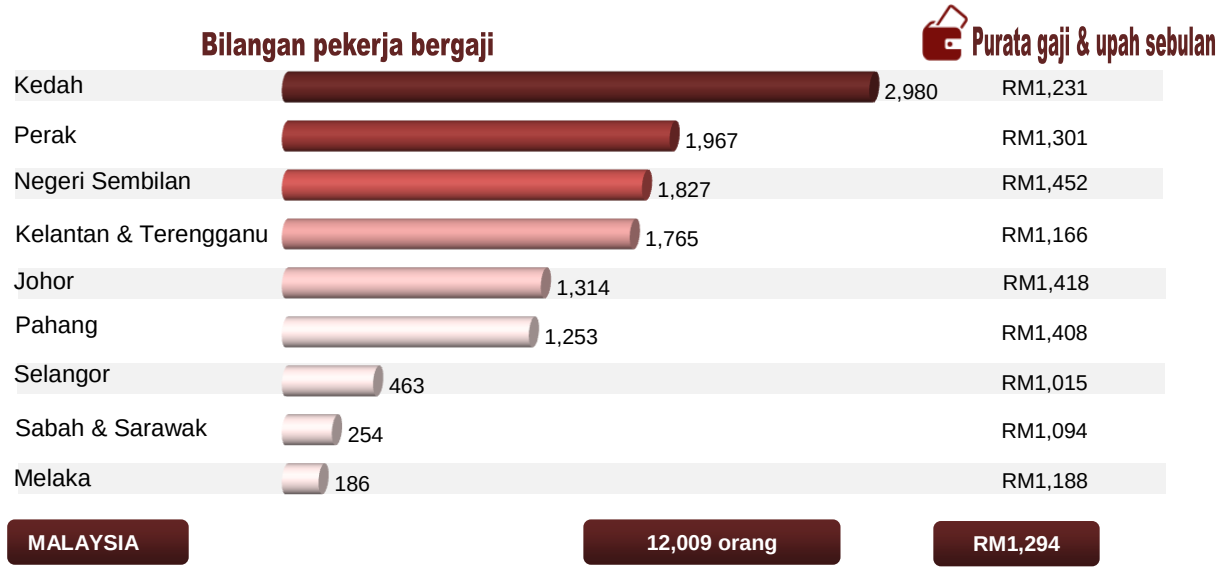
5. BILANGAN GUNA TENAGA DAN GAJI & UPAH

Pada 2015, bilangan guna tenaga yang direkodkan di estet adalah seramai 12,056 orang yang terdiri daripada pekerja estet (10,364 orang), pekerja pentadbiran (1,591 orang) dan pekerja di bawah subkontraktor seramai 45 orang. [**Paparan 7**] Seramai 12,009 orang adalah pekerja bergaji dengan gaji & upah yang dibayar sebanyak RM186.4 juta.

Paparan 7 : Bilangan pekerja di estet mengikut kategori, 2015

Purata gaji & upah bulanan pada 2015 adalah RM1,294. Negeri Sembilan mencatatkan purata gaji & upah bulanan tertinggi (RM1,452), diikuti Johor (RM1,418) dan Pahang (RM1,408). [**Carta 1**]

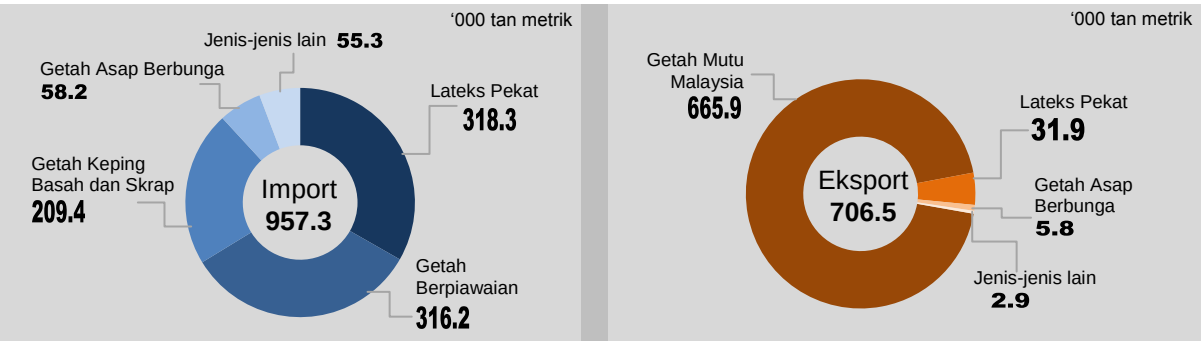
Carta 1 : Bilangan pekerja bergaji dan purata gaji & upah sebulan mengikut negeri, 2015



6. IMPORT DAN EKSPORT

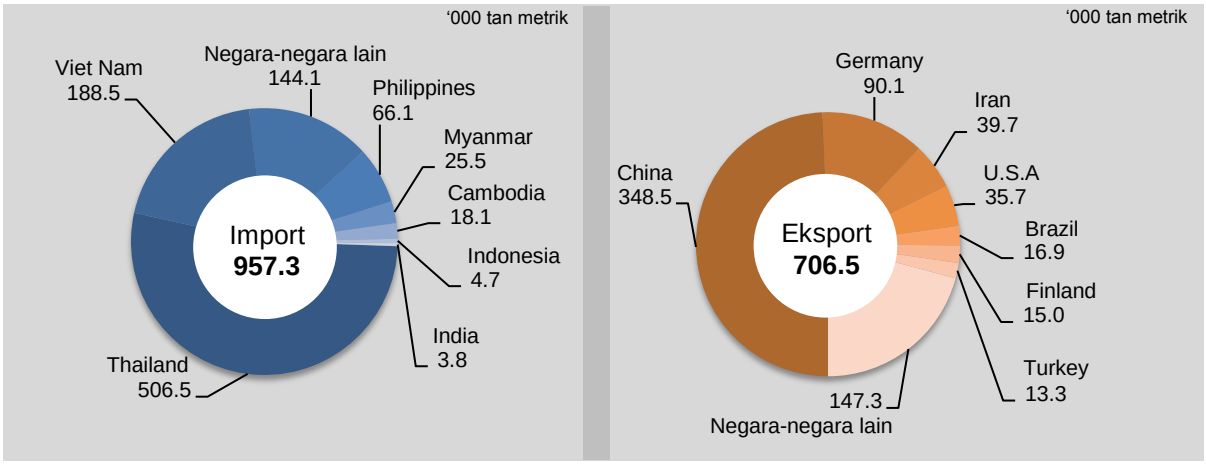
Malaysia mengimport sebanyak 957.3 ribu tan metrik getah asli pada 2015. Import getah asli terdiri daripada Lateks Pekat (33.2%), diikuti Getah Berpiawaian (33.0%), Getah Keping Basah dan Skrap (21.9%), Getah Asap Berbunga (6.1%) dan jenis-jenis lain (5.8%). Pada 2015, sebanyak 706.5 ribu tan metrik telah dieksport yang mana terdiri daripada Getah Mutu Malaysia (94.2%), Lateks Pekat (4.5%), Getah Asap Berbunga (0.8%) dan jenis-jenis lain (0.4%). [**Carta 2**]

Carta 2 : Import dan eksport getah asli mengikut jenis, 2015



Thailand merupakan pembekal utama getah asli ke Malaysia (52.9%), diikuti Viet Nam (19.7%), Philippines (6.9%), Myanmar (2.7%), Cambodia (1.9%), Indonesia (0.5%), India (0.4%) dan negara-negara lain (15.1%). Hampir separuh getah asli Malaysia dieksport ke China (49.3%), diikuti Germany (12.8%), Iran (5.6%), U.S.A (5.1%), Brazil (2.4%), Finland (2.1%), Turkey (1.9%) dan negara-negara lain (20.8%). [**Carta 3**]

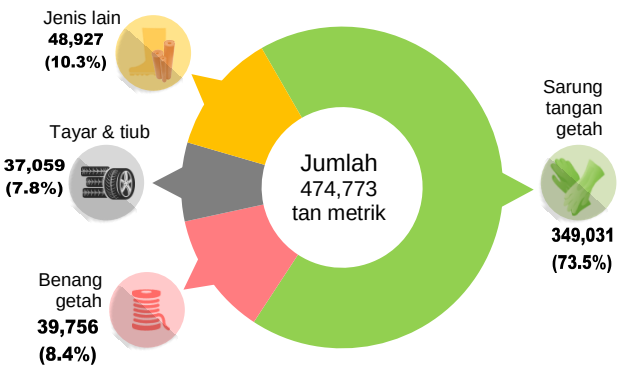
Carta 3 : Import dan eksport getah asli mengikut negara, 2015



7. PENGGUNAAN DOMESTIK

Pada 2015, penggunaan getah asli dalam negara berjumlah 474,773 tan metrik. Industri sarung tangan getah mewakili 73.5 peratus daripada keseluruhan penggunaan domestik getah asli diikuti benang getah (8.4%), tayar & tiub (7.8%) dan jenis lain (10.3%). [**Carta 4**]

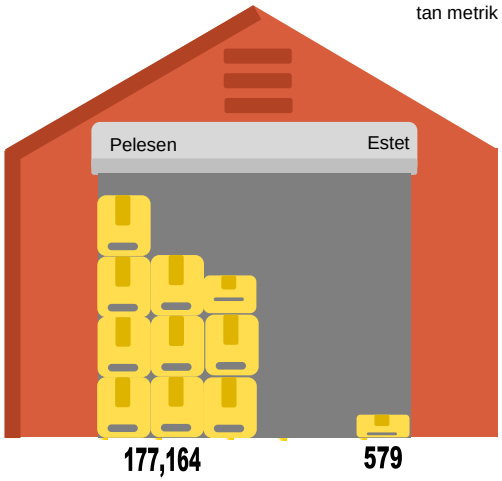
Carta 4 : Penggunaan domestik getah asli mengikut jenis, 2015



8. STOK

Jumlah stok getah asli pada akhir 2015 adalah sebanyak 177,743 tan metrik. Pelesen (pemproses dan pengguna getah) menyimpan hampir keseluruhan stok getah asli hingga 99.7 peratus manakala selebihnya oleh estet (0.3%). [**Paparan 8**]

Paparan 8 : Stok getah asli mengikut jenis, 2015



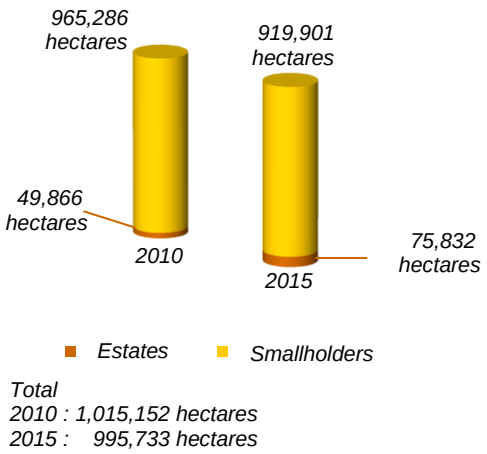
1. INTRODUCTION

This report presents the statistics of rubber compiled from various sources. Data on estates was obtained from the Economic Census 2016 (reference year 2015). The Gross Domestic Product of rubber grew at slower rate of 7.2 per cent in 2015 as compared to 10.6 per cent in 2010.

2. PLANTED AREA

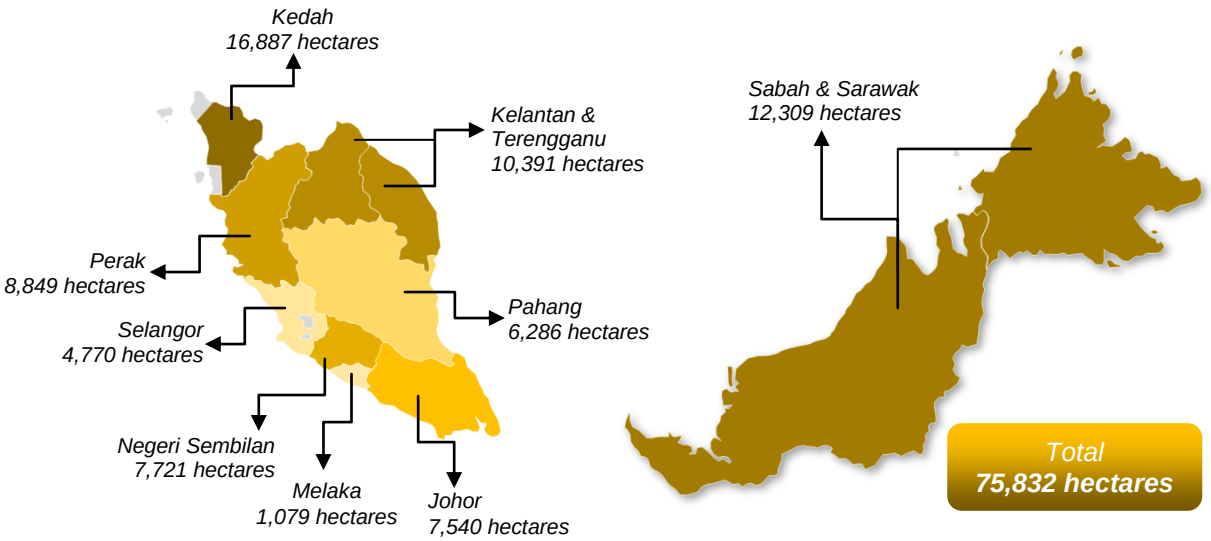
*A large portion of the rubber planting was owned by the smallholders totalling 919,901 hectares (92.4%) and 75,832 hectares (7.6%) owned by the estates. Planted areas for rubber estate increased from 49,866 hectares to 75,832 hectares in 2015 with an annual growth rate of 8.7 per cent. However, the rubber planted areas owned by the smallholders declined from 965,286 hectares in 2010 to 919,901 hectares in 2015. [**Exhibit** 1]*

Exhibit 1 : Rubber planted areas by estate and smallholders, 2010 and 2015



*Kedah recorded the highest planted area of rubber estate at 16,887 hectares followed by Sabah & Sarawak (12,309 hectares) and Kelantan & Terengganu (10,391 hectares). Melaka recorded the lowest planted area of rubber estates with 1,079 hectares. [**Exhibit 2**]*

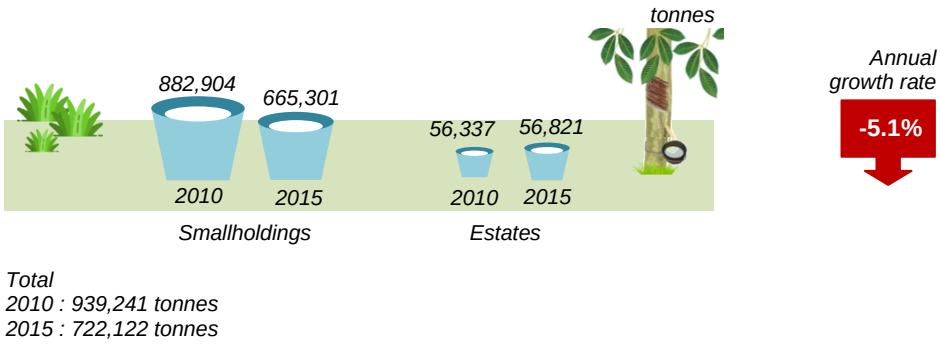
Exhibit 2 : Planted area of rubber estates by state, 2015



3. PRODUCTION

*Production of natural rubber decreased from 939,241 tonnes in 2010 to 722,122 tonnes in 2015 with an annual growth rate of -5.1 per cent. In 2015, smallholdings sector was the main contributor in the production of natural rubber (92.1%) as compared to the estates (7.9%). The production of the smallholdings decreased by 217,603 tonnes from 882,904 tonnes in 2010 to 665,301 tonnes in 2015. Meanwhile, the production in the estate recorded an increase of 0.2 per cent a year to 56,821 tonnes within the same period. [**Exhibit 3**]*

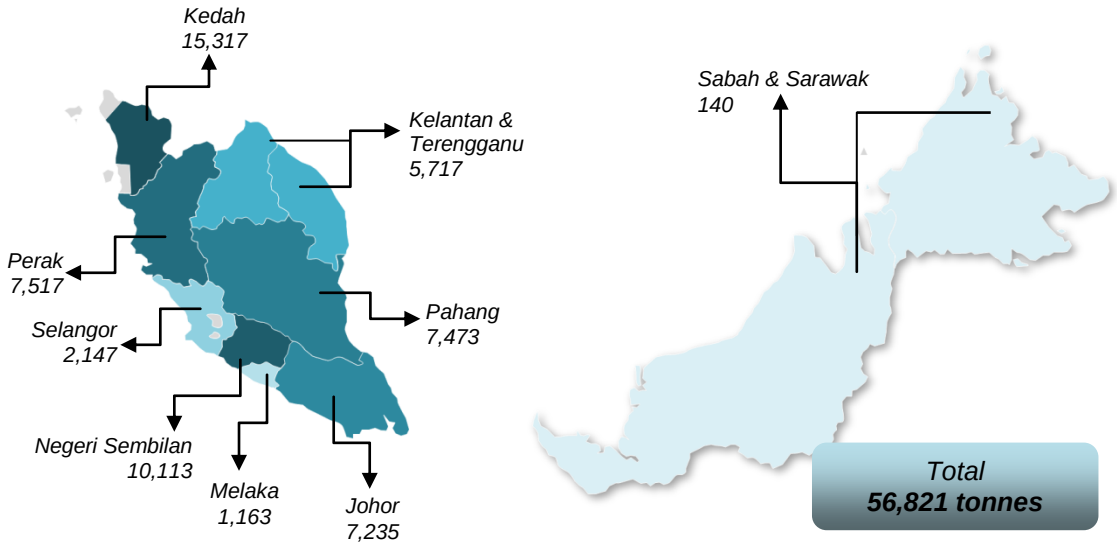
Exhibit 3 : Production of natural rubber, 2010 and 2015



Total
2010 : 939,241 tonnes
2015 : 722,122 tonnes

*Kedah recorded the highest natural rubber production in estate of 15,317 tonnes followed by Negeri Sembilan (10,113 tonnes) and Perak (7,517 tonnes). Sabah & Sarawak recorded the lowest production with 140 tonnes in 2015. [**Exhibit 4**]*

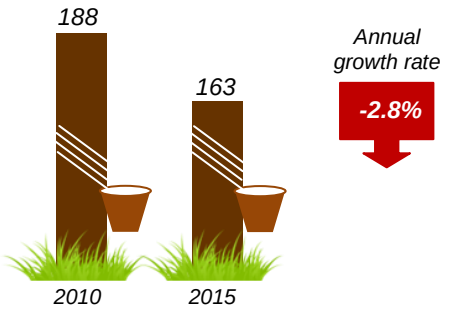
Exhibit 4 : Natural rubber production in estate by state, 2015



4. NUMBER OF ESTATES

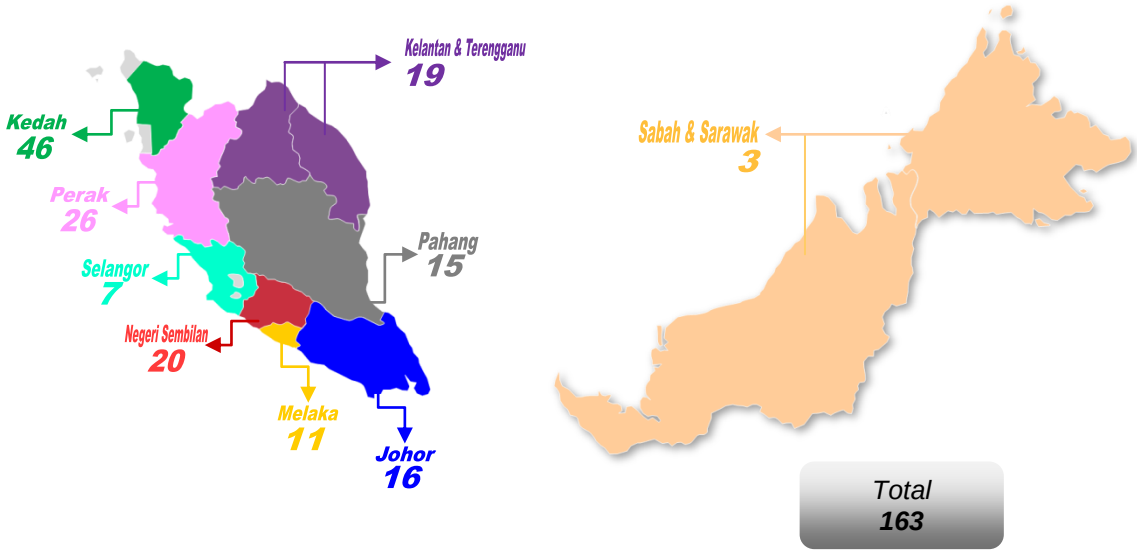
*The number of rubber estates operating in 2015 was 163 as compared to 188 in 2010 with an annual growth rate of -2.8 per cent. [**Exhibit 5**]*

Exhibit 5 : Number of estates, 2010 and 2015



*Kedah recorded the highest number of estates as compared to other states with 46 estates followed by Perak (26) and Negeri Sembilan (20). [**Exhibit 6**]*

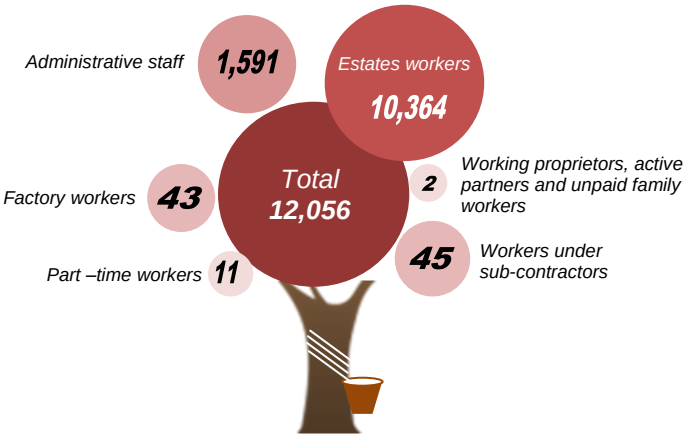
Exhibit 6 : Number of estates by state, 2015



5. NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES

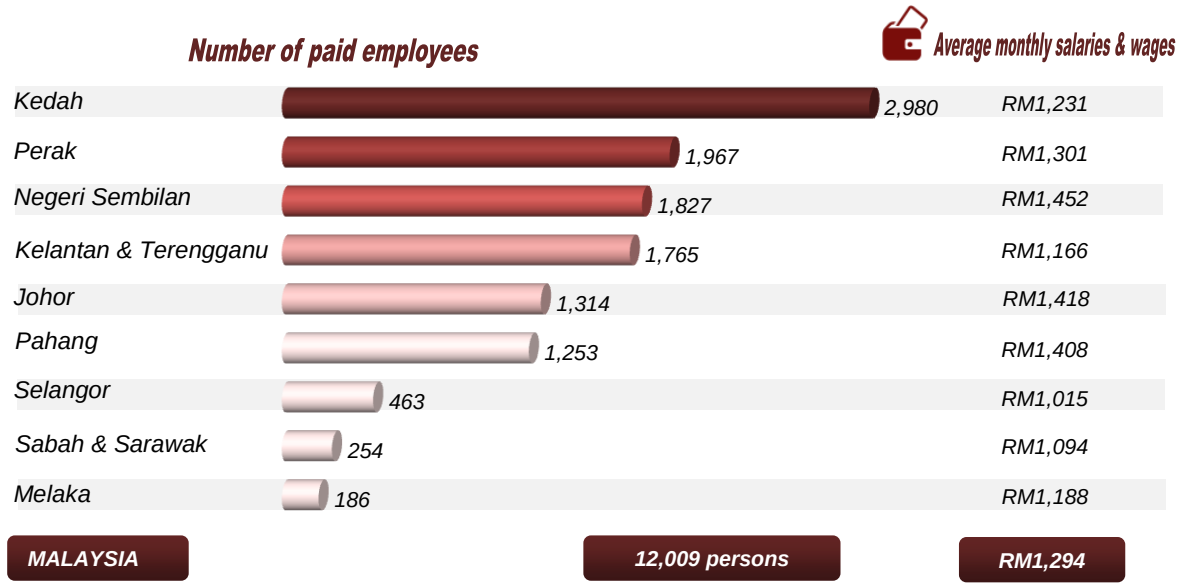
*In 2015, the number of persons engaged recorded in the estates was 12,056 persons which consists of estate workers (10,364 persons), administrative workers (1,591 persons) and workers under sub-contractor 45 persons. [**Exhibit 7**] A total of 12,009 persons were paid employees with salaries & wages paid amounted to RM186.4 million.*

Exhibit 7 : Number of persons engaged by category, 2015



*The average monthly salaries & wages in 2015 was RM1,294. Negeri Sembilan recorded the highest average monthly salaries & wages (RM1,452), followed by Johor (RM1,418) and Pahang (RM1,408). [**Chart 1**]*

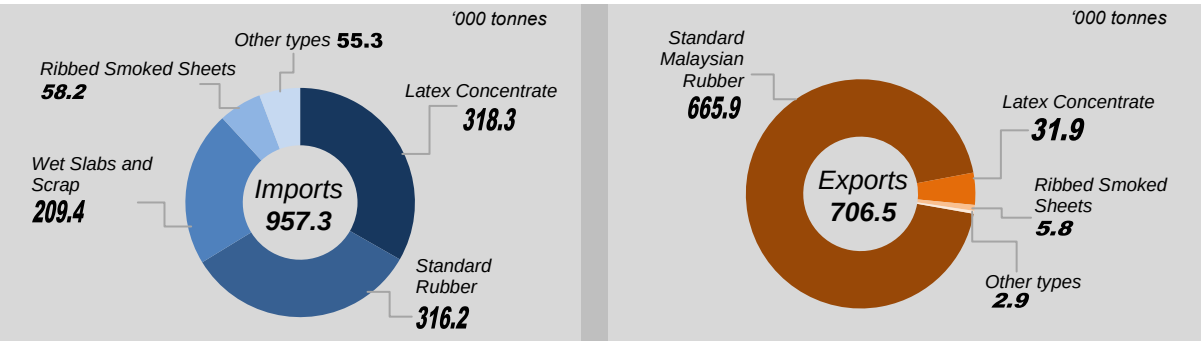
Chart 1: Number of paid employees and average monthly salaries & wages by state, 2015



6. IMPORTS AND EXPORTS

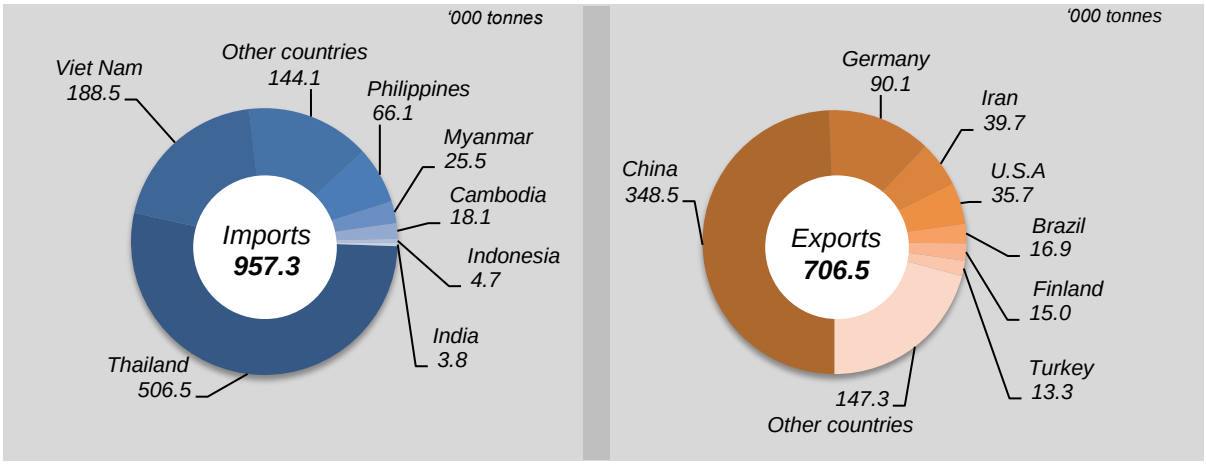
*Malaysia imported 957.3 thousand tonnes of natural rubber in 2015. Imports of natural rubber comprised of Latex Concentrate (33.2%), followed by Standard Rubber (33.0%), Wet Slabs and Scrap (21.9%), Ribbed Smoke Sheets (6.1%) and other types (5.8%). In 2015, 706.5 thousand tonnes were exported which comprised of Standard Malaysian Rubber (94.2%), Latex Concentrate (4.5%), Ribbed Smoke Sheets (0.8%) and other types (0.4%). [**Chart 2**]*

Chart 2 : Imports and exports of natural rubber by type, 2015



*Thailand was the major supplier of natural rubber to Malaysia (52.9%), followed by Viet Nam (19.7%), Philippines (6.9%), Myanmar (2.7%), Cambodia (1.9%), Indonesia (0.5%), India (0.4%) and other countries (15.1%). Almost half of Malaysia's natural rubber was exported to China (49.3%), followed by Germany (12.8%), Iran (5.6%), U.S.A (5.1%), Brazil (2.4%), Finland (2.1%), Turkey (1.9%) and other countries (20.8%). [**Chart 3**]*

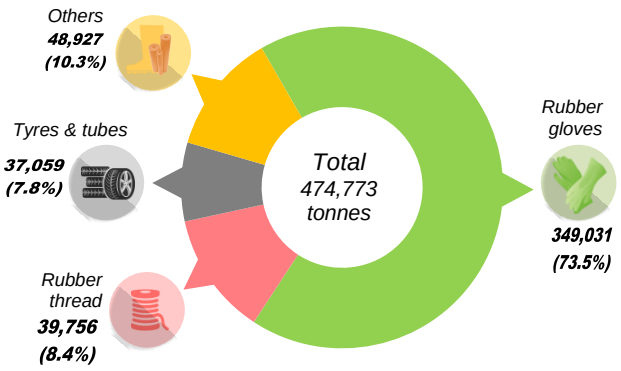
Chart 3 : Imports and exports of natural rubber by country, 2015



7. DOMESTIC CONSUMPTION

*In 2015, the domestic consumption of natural rubber amounted to 474,773 tonnes. Rubber gloves industry represents 73.5 per cent of the total domestic consumption of natural rubber followed by rubber thread (8.4%), tyre & tubes (7.8%) and others (10.3%). [**Chart 4**]*

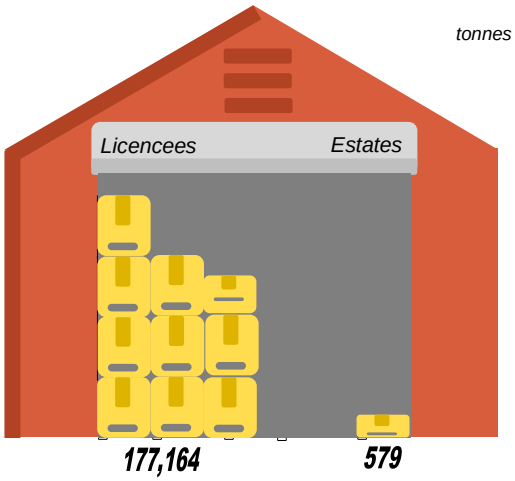
Chart 4: Domestics consumption of natural rubber by type, 2015



8. STOCKS

*The total stocks of natural rubber at the end of 2015 was 177,743 tonnes. The licencees (processors and consumers of rubber) held almost the entire stock of natural rubber up to 99.7 per cent while the rest of the estate (0.3%). [**Exhibit 8**]*

Exhibit 8 : Stocks of natural rubber by type, 2015



NOTA TEKNIKAL

TECHNICAL NOTES

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1. Pendahuluan

Laporan ini memuatkan maklumat perangkaan estet getah berdasarkan pengekstrakan data getah daripada Banci Ekonomi 2016 bagi tahun rujukan 2015. Turut dipaparkan adalah data sekunder yang diperoleh daripada Pihak Berkuasa Kemajuan Pekebun Kecil Perusahaan Getah (RISDA), Lembaga Kemajuan Tanah Persekutuan (FELDA), Lembaga Penyatuan Pemulihan Tanah Persekutuan (FELCRA), Lembaga Getah Malaysia (LGM) dan Kementerian Perusahaan Perladangan & Komoditi.

2. Objektif

Objektif utama laporan ini ialah untuk memaparkan perangkaan getah berkenaan dengan keluasan bertanam, pengeluaran, hasil, guna tenaga, gaji & upah, import dan eksport getah serta perangkaan terperinci bagi estet getah. Perangkaan ini akan membantu kerajaan dalam perancangan pembangunan, penggubalan dasar termasuk pemantauan pembangunan industri yang berasaskan getah. Perangkaan tersebut juga boleh digunakan oleh pihak swasta dan individu bagi tujuan membuat penyelidikan dan analisis ekonomi bagi industri getah.

3. Kuasa perundangan

Banci ini dilaksanakan di bawah Akta Perangkaan 1965 (Disemak-1989). Seksyen 5 di bawah Akta ini menghendaki mana-mana pertubuhan yang beroperasi di Malaysia untuk memberikan maklumat sebenar atau anggaran terbaik kepada Jabatan. Mengikut Akta ini, kandungan soal selidik yang diterima adalah sulit dan hanya angka agregat diterbitkan.

4. Skop dan liputan

Banci ini meliputi semua estet getah di Malaysia yang berdaftar dengan Suruhanjaya Syarikat Malaysia (SSM) dan Lembaga Getah Malaysia (LGM). Bagi Sabah dan Sarawak, sumber tambahan diperoleh daripada Pejabat Daerah dan Pejabat Pertanian Daerah.

5. Metodologi

Banci ini dilaksanakan secara mel dengan menggunakan borang soal selidik. Responden diberi tempoh satu bulan untuk melengkap dan mengembalikan borang soal selidik tersebut kepada Jabatan ini. Selepas tempoh tersebut, kerja luar dijalankan untuk mendapatkan borang lengkap daripada pertubuhan yang tidak respons.

6. Tempoh rujukan

Tempoh rujukan bagi banci ini ialah tahun takwim 2015. Pertubuhan yang mempunyai tahun perakaunan yang berbeza daripada tahun takwim diminta menyediakan laporan mengikut tahun perakaunan atau kewangan yang meliputi sebahagian besar daripada tahun rujukan.

7. Konsep dan definisi

Konsep dan definisi yang digunakan adalah berasaskan kepada syor-syor *United Nation Statistical Division*[1] dan *The Association of Natural Rubber Producing Countries* (ANRPC). Konsep berkenaan mengikut amalan yang sudah diterima pakai bagi memudahkan perbandingan data dibuat di peringkat antarabangsa.

8. Takrif industri

Estet getah

a. Semua kawasan, bersambungan atau berpecah-pecah dengan keluasan tidak kurang daripada 40.47 hektar (100 ekar), ditanam dengan getah atau di mana penanaman getah dibenarkan dan di bawah satu hak milik yang sah; atau

b. Mana-mana keluasan tanaman getah yang telah pun wujud dalam estet kelapa, koko atau kelapa sawit.

Kebun kecil getah

Meliputi semua kawasan, bersambungan atau berpecah-pecah, berjumlah kurang daripada 40.47 hektar (100 ekar), ditanam dengan getah atau di mana penanaman getah dibenarkan dan di bawah satu hak milik yang sah. Kebun kecil getah terdiri daripada tersusun dan tidak tersusun. Kebun kecil yang tersusun meliputi kawasan di bawah rancangan kerajaan seperti berikut:

a. Pihak Berkuasa Kemajuan Pekebun Kecil Perusahaan Getah (RISDA);
b. Lembaga Kemajuan Tanah Persekutuan (FELDA);
c. Lembaga Penyatuan dan Pemulihan Tanah Persekutuan (FELCRA);
d. Rancangan tanah Kerajaan Persekutuan yang lain; dan
e. Rancangan tanah Kerajaan Negeri.

[1] *International Recommendations for Industrial Statistics, United Nations Statistical Division, Statistical Papers, Series, M No. 90, United Nations, New York, 2009.*

Keluasan bertanam

Keluasan bertanam dengan getah (matang dan/atau belum matang) dan tidak terbiar selama-lamanya.

Keluasan matang

Keluasan getah yang telah ditoreh atau yang dianggap sebagai sudah boleh ditoreh oleh pemilik estet atau individu yang mengemukakan soal selidik.

Keluasan belum matang

Keluasan getah yang dianggap belum boleh ditoreh oleh pemilik estet atau individu yang mengemukakan soal selidik.

Keluasan tanam baru

Ia merujuk kepada getah yang ditanam di atas tanah yang dahulunya tidak ditanam dengan getah.

Keluasan tanam semula

Ia merujuk kepada getah yang ditanam semula di atas tanah yang dahulunya ditanam dengan getah.

Purata keluasan ditoreh

Ia adalah purata keluasan di bawah getah matang yang telah ditoreh termasuk kawasan yang "direhatkan" di bawah sistem giliran torehan.

Pengeluaran

Pengeluaran getah asli merujuk kepada kandungan getah kering (KGK) bagi susu getah cair, getah keping dan skrap (getah buku dan getah kulit) yang dihasilkan oleh estet dan pekebun kecil.

Hasil

Hasil diperoleh dengan membahagikan jumlah pengeluaran untuk tahun berkenaan dengan purata luas hektar yang ditoreh sepanjang tahun.

9. Taraf sah organisasi

Taraf sah organisasi sesebuah pertubuhan telah ditakrifkan seperti berikut:

i. Hak milik perseorangan

Merujuk kepada perniagaan yang dimiliki, dibiayai dan diuruskan oleh orang perseorangan iaitu pemilik berkenaan. Ianya dijalankan semata-mata untuk mendapatkan keuntungan. Pemilik mempunyai hak mutlak bagi setiap urusan perniagaan dan liabiliti perniagaan adalah tidak terhad.

ii. Perkongsian

Merujuk kepada persetujuan bersama sekumpulan individu menjalankan perniagaan melalui kontrak yang telah dipersetujui berdasarkan sumbangan modal yang telah dinyatakan dalam perjanjian berkenaan bagi tujuan untuk mendapat keuntungan. Perniagaan tersebut diuruskan oleh mereka atau salah seorang daripada mereka yang bertindak mewakili semua pihak. Berdasarkan Akta Syarikat 1965, bilangan ahli bagi perniagaan perkongsian mestilah sekurang-kurangnya dua orang dan tidak melebihi had maksimum dua puluh orang. Liabiliti bagi perkongsian adalah tidak terhad.

iii. Perkongsian liabiliti terhad

Merujuk kepada perniagaan entiti yang dikawal selia di bawah Akta Perkongsian Liabiliti Terhad 2012. Ia memberi perlindungan liabiliti terhad kepada rakan-rakan kongsinya sama seperti liabiliti terhad yang dinikmati oleh pemegang saham sesebuah syarikat. Ia juga memberi fleksibiliti peraturan perniagaan dalaman melalui pengaturan perkongsian yang serupa dengan sesebuah perkongsian konvensional.

iv. Syarikat sendirian berhad

Merupakan perniagaan yang ditubuhkan bagi tujuan menjalankan perniagaan dengan matlamat untuk mencari keuntungan. Saham dipegang secara tertutup oleh pemegang-pemegang saham yang mempunyai kawalan terhadap operasi syarikat.

Ciri ciri:

a. Dikawal di bawah Akta Syarikat 1965 dan merupakan entiti yang sah terpisah daripada pemilik;
b. Dimiliki oleh 2-50 orang pemegang saham;
c. Pemilik syarikat mempunyai liabiliti terhad. Pemilik/ pemegang saham syarikat menyumbangkan modal syarikat dianggotai lembaga pengarah sekurang-kurang 2 orang untuk mengetahui dasar dan matlamat syarikat;
d. Pemegang saham yang memiliki 51% atau lebih daripada jumlah saham syarikat berhak untuk mengawal syarikat tersebut. Saham syarikat boleh dijual beli tetapi tidak dilakukan di pasaran terbuka;
e. Penjualan saham mesti dengan persetujuan pemegang saham yang lain;
f. Tidak disenaraikan di Bursa; dan
g. Jangka hayat perniagaan adalah panjang dan boleh dikenali dengan perkataan Sendirian Berhad (Sdn. Bhd.) pada akhir nama syarikat.

v. Syarikat awam berhad

Syarikat awam berhad merupakan perniagaan yang ditubuhkan dengan tanggungan berhad, oleh sekurang-kurangnya dua orang untuk menjalankan perniagaan dengan tujuan untuk mencari keuntungan. Saham syarikat awam berhad ini dipegang secara terbuka dan bagi sesebuah syarikat yang disenaraikan di Bursa Malaysia, sahamnya boleh bertukar milik secara bebas.

Ciri ciri:

a. Dikawal di bawah Akta Syarikat 1965 dan merupakan entiti yang sah terpisah daripada pemilik;

b. Dimiliki oleh pemegang saham dan tiada had bagi pemilik saham berkenaan;

c. Pengurusan dan kawalan syarikat adalah di bawah tanggungjawab lembaga pengarah yang dilantik oleh pemegang saham; dan

d. Disenaraikan di Bursa Malaysia.

vi. Syarikat koperasi

Koperasi adalah organisasi yang ditubuhkan untuk faedah bersama ahli dan didaftarkan di bawah Akta Koperasi 1993. Kumpulan wang yang ada adalah milik bersama untuk memenuhi keperluan ahli-ahlinya.

vii. Perbadanan awam

Merujuk kepada badan khas yang ditubuhkan bagi tujuan menjalankan kegiatan perniagaan. Terdiri daripada Badan Berkanun dan Badan Tidak Berkanun.

a. Badan Berkanun ditubuhkan di bawah Akta Parlimen atau Enakmen Negeri dan dikawal selia secara langsung oleh menteri yang menggariskan dasar-dasar penting organisasi dan biasanya terlibat dalam pembangunan sosio-ekonomi negara (Cth. MARA, FELDA).

b. Badan Tidak Berkanun ditubuhkan di bawah Akta Syarikat 1965 dan Kerajaan mempunyai ekuiti dengan kawalan menteri secara tidak langsung. Menjalankan kegiatan bercirikan perniagaan bagi tujuan memperoleh keuntungan kepada kerajaan selain melaksanakan bidang sosio-ekonomi yang tidak mampu diceburi oleh sektor swasta (Cth. Syarikat Bekalan Air Selangor Sdn. Bhd. (SYABAS)).

viii. **Pertubuhan persendirian yang tidak mencari keuntungan**

Merujuk kepada syarikat tanpa saham yang ditubuhkan dengan tanggungan terhad. Kebanyakan syarikat ini terdiri daripada pertubuhan kebajikan, keagamaan, pendidikan, kesihatan, kebudayaan, rekreasi dan pertubuhan lain yang membekalkan perkhidmatan sosial dan komuniti kepada isi rumah. Ia memberikan perkhidmatan tersebut secara percuma atau pada harga yang tidak meliputi sepenuhnya kos perkhidmatan. Sebarang keuntungan yang diperolehi dilabur semula ke dalam pertubuhan berkenaan.

10. Hak milik

Hak milik sesebuah pertubuhan dikelaskan mengikut taraf residen pemilik/pemilik-pemilik modal berbayar yang terbesar (melebihi 50 peratus) dan bukannya mengikut taraf kerakyatan mereka.

i. **Residen Malaysia** ialah individu, syarikat atau organisasi lain yang lazimnya terletak di Malaysia untuk jangka masa sekurang-kurangnya satu tahun. Cawangan dan anak syarikat asing yang didaftarkan/diperbadankan di Malaysia adalah dianggap sebagai pemastautin Malaysia.

ii. **Bukan residen Malaysia** ialah individu, syarikat atau organisasi lain yang lazimnya terletak di negara selain Malaysia. Cawangan dan anak syarikat milik residen Malaysia di luar negeri juga dianggap sebagai bukan residen Malaysia.

iii. **Hak milik bersama** ialah residen Malaysia atau bukan residen Malaysia memegang jumlah saham yang sama banyak dalam perniagaan berkenaan.

11. Bilangan pekerja

Bilangan pekerja merujuk kepada bilangan orang yang bekerja pada bulan Disember atau pada tempoh pembayaran gaji terakhir bagi tahun rujukan. Bilangan orang yang bekerja dikategorikan seperti berikut:

i. **Pemilik yang bekerja dan rakan niaga yang aktif**

Kategori ini merujuk kepada semua pemilik perseorangan dan rakan niaga, sambilan atau sepenuh masa, yang bekerja dengan aktif dalam sesebuah pertubuhan itu. Justeru, ia tidak termasuk rakan niaga yang tidak aktif.

ii. **Pekerja keluarga tidak bergaji**

Kategori ini meliputi semua ahli isi rumah kepada pemilik pertubuhan yang melaksanakan kerja tertentu (sepenuh masa atau sambilan) dan bekerja sekurang-kurangnya satu pertiga daripada waktu bekerja biasa yang diamalkan oleh pertubuhan berkenaan tanpa mendapat bayaran secara tetap, sama ada dalam bentuk wang tunai atau harta benda bagi kerja yang dilakukan. Biasanya pekerja berkenaan mendapat makanan, tempat tinggal dan bantuan lain sebagai sebahagian daripada ahli isi rumah pemilik tersebut dan terus mendapatnya sama ada ia bekerja atau tidak di dalam pertubuhan itu.

iii. **Pekerja bergaji sepenuh masa**

Ia merujuk kepada semua pekerja bergaji yang bekerja sekurang-kurangnya enam jam sehari dan sekurang-kurangnya 20 hari sebulan.

iv. **Pekerja bergaji (sambilan)**

Ia merujuk kepada semua pekerja bergaji yang bekerja kurang daripada enam jam sehari dan/atau kurang daripada 20 hari sebulan.

v. Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan

a. Diambil secara langsung

Ia ditakrifkan sebagai pekerja buruh pertanian sepenuh masa yang diambil secara langsung. Ia termasuk pekerja yang terlibat secara langsung dalam aktiviti pertanian seperti mereka yang terlibat dalam penanaman, penternakan, perikanan (awak-awak), orang yang terlibat dalam mengendalikan trak, vesel dan lain-lain alat jentera.

b. Diambil melalui kontraktor buruh

Merujuk kepada mereka buruh pertanian bergaji sepenuh masa yang diambil melalui kontraktor buruh. Kontraktor buruh merujuk kepada kontraktor yang membekalkan buruh sahaja kepada pertubuhan.

vi. Pekerja di bawah subkontraktor

Merujuk kepada mereka yang bekerja di bawah sub kontraktor yang dilantik oleh pertubuhan tersebut di mana bahan dan peralatan dibekalkan oleh kontraktor itu sendiri.

12. Gaji & upah dibayar

Ia merujuk kepada pembayaran tunai, termasuk bonus yang dibayar komisen, bayaran lebih masa, elaun kos sara hidup dan elaun-elaun lain yang dibayar kepada semua pekerja bergaji dalam tempoh tahun rujukan. Sementara caruman pekerja kepada Kumpulan Wang Simpanan Pekerja (KWSP) dan Pertubuhan Keselamatan Sosial (PERKESO) turut dimasukkan, caruman oleh majikan **dikecualikan**. Elaun kepada pemilik yang bekerja, rakan niaga yang bekerja dan pekerja keluarga tidak bergaji juga **dikecualikan**.

13. Nilai harta tetap

Harta tetap meliputi semua barangan, baru atau terpakai, ketara atau tidak ketara yang mempunyai hayat produktif lebih daripada setahun. Ia termasuk tanah, bangunan dan struktur, alat pengangkutan, komputer dan peralatan periferal, perisian komputer, peralatan mesin dan lain, serta perabot dan pemasangan lain. Nilai harta pembuka dan penutup 2015 berasaskan nilai buku akaun. Pembelian, pindaan dan pembaikan besar atau perbelanjaan modal pada tahun berkenaan dikira pada nilai sebenar yang dibayar. Nilai aset yang dijual dalam tahun semasa juga dikira pada nilai sebenar.

14. Import dan eksport

Import

Sesuatu barang dianggap sebagai import apabila ianya dibawa **masuk** ke dalam negara, sama ada terus ataupun disimpan di gudang-gudang yang dikawal tanpa mengira sama ada barang tersebut adalah untuk kegunaan sendiri, diproses, digunakan dalam perkilangan ataupun untuk dieksport semula ke negara lain.

Eksport

Sesuatu barang (keluaran atau buatan tempatan atau diimport untuk dieksport semula) dianggap sebagai eksport apabila ianya dibawa **keluar** dari negara.

Data import dan eksport hanya meliputi kod getah asli di bawah HS4001.10.000 hingga HS4001.29.999.

15. Penggunaan domestik

Ia merujuk kepada penggunaan domestik getah asli seperti susu getah pekat, Getah Mutu Malaysia (G.M.M.), Getah Asap Berbunga (G.A.B.) dan sebagainya oleh pertubuhan pembuatan di Malaysia untuk mengeluarkan barangan seperti tayar dan tiub, kasut getah, sarung tangan getah, gelang getah, getah campuran dan lain-lain. Ianya tidak termasuk getah campuran & tebus guna getah dan getah sintetik.

16. Stok

Ia adalah stok getah yang dimiliki oleh sesebuah pertubuhan tidak kira di mana stok tersebut ditempatkan iaitu sama ada di dalam atau di luar kilang. Ia termasuk stok getah yang belum/sedang/telah diproses. Stok dilaporkan pada awal dan akhir tahun.

17. Harga

Data harga getah diperoleh daripada sumber berikut:

Lembaga Getah Malaysia (LGM)

Purata harga pembeli waktu tengahari untuk getah "F.O.B." di Kuala Lumpur.

18. Harga purata

Harga purata dikira dengan mencampurkan harga getah harian dan membahagikan jumlah harga tersebut dengan bilangan hari berniaga dalam sesuatu bulan/tahun.

19. Perangkaan dunia (getah asli dan tiruan)

Selain daripada data getah Malaysia, data yang dipersembahkan dalam laporan ini juga meliputi perangkaan getah dunia yang diperoleh dari Kementerian Perusahaan Perladangan dan Komoditi.

20. Pembundaran

Jumlah bagi komponen mungkin berbeza dengan jumlah besar dalam jadual penerbitan disebabkan oleh pembundaran angka.

21. Simbol dan singkatan

Simbol dan singkatan berikut digunakan dalam penerbitan ini:

>	lebih daripada
<	kurang daripada
0.0	kurang dari 0.05
-	tiada
n.a.	tidak berkaitan
..	tidak diperoleh
t.t.t.l	tidak terkelas di tempat lain
RM	Ringgit Malaysia

22. Unit pengukuran

a. Timbangan

1 tan metrik	=	1,000 kilogram (0.98421 tan)
1 kilogram	=	2.20462 paun

b. Keluasan

1 hektar	=	2.4711 ekar
1 ekar	=	0.404678 hektar

23. Kadar pertumbuhan tahunan dikompaun

Pengiraan kadar pertumbuhan tahunan dikompaun (r) adalah berdasarkan formula berikut:

$Y_t = Y_o (1 + r)^t$

Di mana r,

$$r = \left[e^{\frac{1}{t}\ln\left(\frac{Y_t}{Y_0}\right)} - 1 \right] \times 100$$

Dimana,

Y_t = Nilai pada tahun semasa

Y_o = Nilai pada tahun sebelum

t = Bilangan tahun, Y_t - Y_o

r = Kadar pertumbuhan tahunan dikompaun

1. Introduction

This report contains information on rubber estates based on extraction of rubber data from Economic Census 2016 for the reference year 2015. It also contains secondary data obtained from Rubber Industry Smallholders Development Authority (RISDA), Federal Land Development Authority (FELDA), Federal Land Consolidation and Rehabilitation Authority (FELCRA), Malaysian Rubber Board (MRB) and Ministry of Plantations Industries & Commodities.

2. Objective

The main objective of this report is to provide statistics on rubber with regards to planted area, production, yield, employment, salaries & wages, imports and exports of rubber as well as detailed statistics on rubber estates. These statistics will assist the government in development planning, formulation of policies as well as monitor the development of rubber based industries. The data can also be used by the private sector and individuals for research and economic analysis for rubber industry.

3. Legal authority

The survey was conducted under the provisions of the Statistics Act, 1965 (Revised 1989). Section 5 of this Act requires all establishments operating in Malaysia to provide actual information or best estimates to the Department. The Act stipulates that the contents of the individual returns received are confidential and only aggregated figures are published.

4. Scope and coverage

The census covered all rubber estates in Malaysia registered with the Companies Commission of Malaysia (SSM) and the Malaysian Rubber Board (MRB). For Sabah and Sarawak, additional information was obtained from District Offices and District Agriculture Offices.

5. Methodology

The census was primarily conducted through mail enquiry. Respondents were given one month to complete and return the questionnaire to the Department. Field enumeration was then carried out to collect the completed questionnaire from the establishments that did not respond.

6. Reference year

The reference period for this census was the calendar year 2015. Establishments whose accounting year differed from the calendar year, were requested to prepare report according to accounting year or financial year covering the major part of the reference year.

7. Concepts and definitions

Concepts and definitions used are based on the recommendations of the United Nation Statistical Division[1] and The Association of Natural Rubber Producing Countries (ANRPC). These concepts adhere to accepted practices, thereby facilitating international comparability of data.

8. Definition of rubber industry

Rubber estate

a. *All areas, contiguous or non-contiguous, aggregating not less than 40.47 hectares (100 acres), planted with rubber or on which the planting of rubber is permitted and is under a single legal ownership; or*

b. *Any area planted with rubber in a coconut, cocoa or oil palm estate.*

Rubber smallholding

It is defined as all areas, contiguous or non-contiguous, aggregating less than 40.47 hectares (100 acres), planted with rubber or on which the planting of rubber is permitted and is under a single legal ownership. Smallholdings can be organized or unorganized. Organized smallholdings include those under various government schemes such as follows:

a. *Rubber Industry Smallholders Development Authority (RISDA);*
b. *Federal Land Development Authority (FELDA);*
c. *Federal Land Consolidation and Rehabilitation Authority (FELCRA);*
d. *Other Federal Government land schemes; and*
e. *State Government land schemes.*

[1] *International Recommendations for Industrial Statistics, United Nations Statistical Division, Statistical Papers, Series, M No. 90, United Nations, New York, 2009.*

Planted area

The area planted with rubber (mature and/or immature) and which has not been abandoned permanently.

Matured area

The area of rubber which is either being tapped or which is considered tappable by the estate owner or the individual who submitted the questionnaire.

Immatured area

The rubber area which is considered to be not yet tappable by the estate owner or the individual who submitted the questionnaire.

Newly planted area

This refers to rubber planted on land previously not planted with rubber.

Replanted area

This refers to rubber replanted on land previously planted with rubber.

Average tapped area

This is the average area under mature rubber that has been tapped including areas "rested" under rotational systems.

Production

Production of natural rubber refers to the dry rubber content (DRC) of field latex, rubber sheets and scrap (lump and bark) produced by estates and smallholders.

Yield

The yield is derived by dividing the total production for the year by the average hectarage tapped during the year.

9. Legal organisation

For the purpose of this census, the legal status of an establishment has been defined as follows:

i. Individual proprietorship

Refers to business owned, funded and managed by one person that is the owner concerned. The business is purely for profit. The owner has the ultimate right for the business and business liability is unlimited.

ii. Partnership

Refers to the group of individuals who agreed to conduct a business through an agreed contract based on the capital contribution which has been specified in the relevant agreement with the objective of making a profit. The business is managed by all or any one acting for all parties. As per Company Act 1965, trading partnership must comprise at least two members and should not exceed a maximum of twenty members. Liability for the business partnership is unlimited.

iii. Limited liabilities partnership

Refers to business entity regulated under the Limited Liability Partnerships Act 2012. It is featured with the protection of limited liability to its partners similar to the limited liability enjoyed by shareholders of a company coupled with flexibility of internal business regulation through partnership arrangement similar to a conventional partnership.

iv. Private limited company

A private company established to undertake a business with the objective of making a profit. The shares are closely held by the shareholders of the company who have control over its operation.

Characteristics:

a. *Regulated under the Companies Act 1965 and is a legal entity separate from the owners;*
b. *Number of its shareholders between 2-50 members;*
c. *Company owners have limited liability. The owners/shareholders of the company contributed to the company's capital as board at least 2 people to know the company's policies and goals;*
d. *Shareholders who own 51% or more of the total shares shall be entitled to manage the company. The company's shares can be traded but not in the open market;*
e. *Trading of share must be with the consent of the other shareholders;*
f. *Not listed on the Stock Exchange; and*
g. *Business life expectancy is longer and can be identified by the word "Sendirian Berhad" (Sdn. Bhd.) at the end of the company name.*

v. Public limited company

A public limited company is a company established, with limited liability, by a minimum of two persons to operate the business with the objective of making a profit. The shares in a public limited company are openly held and in the case of company listed on the Bursa Malaysia, the shares are freely transferable.

Characteristics:

a. *Regulated under the Companies Act 1965 and is a legal entity separate from the owner;*
b. *Owned by the shareholders and there is no limit to the shareholder;*
c. *Management of the company is under the board of director responsibilities as appointed by shareholders; and*
d. *Listed on Bursa Malaysia.*

vi. Co-operative

Refers to a voluntary association with an unrestricted number of members and registered under the Co-operative Societies Act 1993. Funds are collectively owned to meet the needs of the members.

vii. Public corporation

Refers to bodies set up for the purpose of conducting business activities which consists of Statutory Bodies and Non-Statutory Bodies.

a. Statutory Bodies established under an Act of Parliament or of the State and regulated directly by the minister whom formulated the key policies of the organisation and are usually involved in the socio-economic development (e.g. MARA and FELDA).

b. Non-Statutory Bodies established under the Companies Act 1965 and the Government has an equity with indirect control from the minister. Business is characterised by activities for the purposes of gain to the government in addition to socio-economic areas cannot be undertaken by private sector (e.g. Syarikat Bekalan Air Selangor Sdn Bhd (SYABAS)).

viii. Private non-profit making organisation

Refers to a non-stock company set up with limited liability. It comprises mainly welfare, religious, educational, health, cultural, recreational and other organisations providing social and community services to households. These services are provided free of charge or at prices which do not necessarily or fully cover the cost of providing such services. Any profit made is re-invested in the organisation.

10. Ownership

The ownership of an establishment is classified by the residential status of the owner(s) of the majority (more than 50 per cent) of the paid-up capital and not by their citizenship status.

i. ***Malaysian resident*** *is any individual, company or other organization ordinarily domiciled in Malaysia for a period of at least one year. Malaysian registered branches and incorporated subsidiaries of foreign based/origins are also regarded as residents.*

ii. ***Non-Malaysian resident*** *is any individual, company or other organization ordinarily domiciled in a country other than Malaysia. Foreign branches and/or subsidiaries abroad owned by residents are also regarded as non-residents.*

iii. ***Joint-Ownership*** *is any Malaysian residents and Non-Malaysian residents held equal shares in the business.*

11. Number of persons engaged

Number of persons engaged refers to all persons working during December or the last pay period of the reference year. The number of persons engaged was classified under the following categories:

i. ***Working proprietors and active business partners***

This category refers to all individual proprietors and partners, part-time or full-time, who are actively engaged in the work of the establishment. It therefore excludes silent and inactive partners.

ii. ***Unpaid family workers***

This is defined as all persons (full-time or part-time) of the household of any of the owners' of the establishment who perform a specified job and work for a minimum of one third of the normal working time of the establishment, but do not receive regular payment either in cash or in kind for the work done. Such workers generally receive food,

shelter and other support as part of the household of an owner but these provisions would continue whether they worked in the establishment or not.

iii. Full-time employees

This is defined as all paid workers who work for at least six hours a day and for at least 20 days a month.

iv. Part-time employees

This is defined to include all paid workers who work for less than six hours a day and/or less than 20 days a month.

v. Agricultural, Forestry, Livestock and Fisheries Skills Workers

a. Direct employed

This is defined as full-time agriculture labourers who are directly employed. It includes workers who are directly engaged in cultivating, livestock rearing, fisheries (awak-awak), persons engaged in truck driving, vessels and other machinery.

b. Employed through labour contractors

This is defined as full-time agriculture employees through labour contractors. Labour contractors refer to contractors who supply only labour to that establishment.

vi. Workers under subcontractors

Refer to those who worked under a contractor appointed by that establishment where the materials and equipment are supplied by the contractor themselves.

12. Salaries & wages paid

Salaries & wages paid refer to cash payments, including bonuses, commissions, overtime wages, cost of living and allowances made to all employees during the reference year. While the employees' contributions to Employees' Provident Fund (EPF) and Social Security Organisation (SOCSO) is included. The employer's contributions are ***excluded****. Allowances to working proprietor, working partners and unpaid family worker are also* ***not included****.*

13. Value of fixed assets

It cover all goods, new or used, tangible or intangible that has a normal economic life span of more than one year. Included are land, building and structure, transport equipment, computer and peripheral equipment, other machinery equipment, computer software and furniture and fittings. Value of assets as at the beginning and end of 2015 was based on net book value. Purchases, alterations and major repairs or capital expenditure during the year were valued at actual costs incurred. Value of assets sold during the year refers to the realized value.

14. Imports and exports

Imports

Goods are regarded as imports when they are brought ***into*** *the country either directly or into bonded warehouses, irrespective of whether such goods are for consumption, to be processed, use in manufacturing or subsequent re-exports to other countries.*

Exports

Goods (locally produced or manufactured or imported for subsequent re-exports) are regarded as exports when they are taken ***out*** *of the country.*

Data of imports and exports only covers natural rubber codes under HS4001.10.000 to HS4001.29.999.

15. Domestic consumption

This refers to the usage of natural rubber such as latex concentrate, Standard Malaysian Rubber (S.M.R.), Ribbed Smoked Sheet (R.S.S.), etc. by manufacturing establishments in Malaysia to produce products such as tyres and tubes, rubber footwear, rubber gloves, rubber threads and others. Excluding rubber compound & reclaimed rubber and synthetics rubber.

16. Stocks

This refers to stocks of rubber owned by establishments regardless where it is located i.e. inside or outside the factory. It includes stocks of unprocessed/in process/processed rubber. Stocks are reported as at the beginning and the end of the month.

17. Prices

Data on prices are obtained from the following source:

Malaysian Rubber Board (MRB)

Average buyers' mid-day prices for rubber "F.O.B." in Kuala Lumpur.

18. Average price

The average price is derived by adding the daily rubber price and dividing the total prices by number of trading days during a reference month/year.

19. World statistics (natural and synthetic rubber)

Other than data for Malaysia, the data presented in this report also include rubber statistics of the world which was obtained from the Ministry of Plantations Industries and Commodities.

20. Rounding

The sum of the components may not add up to the totals in the tables presented in this publication due to rounding.

21. Symbols and abbreviations

The following symbols and abbreviations have been used throughout the publication:

>	*more than*
<	*less than*
0.0	*less than 0.05 per cent*
-	*nil*
n.a.	*not applicable*
..	*not available*
n.e.c	*not elsewhere classified*
RM	*Ringgit Malaysia*

22. Units of measurement

a. Weight

1 tonne	=	1,000 kilograms (0.98421 ton)
1 kilogram	=	2.20462 pounds

b. Area

1 hectare	=	2.4711 acres
1 acre	=	0.404678 hectare

23. Compound annual growth rate

The calculation of compound annual growth rate (r) is based on the following formula:

$Y_t = Y_o (1 + r)^t$

Where r,

$$r = \left[e^{\frac{1}{t}\ln\left(\frac{Y_t}{Y_0}\right)} - 1 \right] \times 100$$

Where,

Y_t = Value at current year

Y_o = Value at previous year

t = Number of years, $Y_t - Y_o$

r = Compounded annual growth rate

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JADUAL
TABLES

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SEKSYEN 1: PERANGKAAN UTAMA INDUSTRI GETAH

SECTION 1: PRINCIPAL STATISTICS OF RUBBER INDUSTRY

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Jadual 1.1: Perangkaan utama industri getah, 2007-2016
Table 1.1: Principal statistics of rubber industry, 2007-2016

Tahun *Year*	**Keluasan bertanam getah (hektar)** *Rubber planted area (hectares)*			**Pengeluaran (tan metrik)** *Production (tonnes)*			**Import** *Imports*	**Eksport** *Exports*	**Penggunaan domestik** *Domestic consumption*	**Stok pada akhir tahun** *Stocks at the end of the year*
	Jumlah *Total*	**Estet**[a] *Estates*	**Kebun kecil**[b] *Smallholdings*	**Jumlah** *Total*	**Estet**[a] *Estates*	**Kebun kecil** *Smallholdings*	**Tan metrik** *Tonnes*	**Tan metrik** *Tonnes*	**Tan metrik** *Tonnes*	**Tan metrik** *Tonnes*
2007	976,215	52,680	923,535	1,199,553	65,472	1,134,081	634,600	1,018,052	450,246	153,282
2008	986,208	50,890	935,318	1,072,365	59,593	1,012,772	521,873	915,507	468,894	156,393
2009	1,015,141	49,740	965,401	857,018	56,771	800,247	738,758	697,562	468,706	161,222
2010	1,015,152	49,866	965,286	939,241	56,337	882,904	706,250	900,770	457,854	142,448
2011	1,012,588	49,861	962,727	996,210	53,016	943,194	668,442	960,141	402,078	143,398
2012	994,554	65,935	928,619	922,798	58,757	864,041	872,562	771,174	427,643	169,061
2013	990,742	77,411	913,331	826,421	57,394	769,027	1,004,717	847,252	434,192	167,932
2014	996,603	80,084	916,519	668,613	55,769	612,844	905,035	721,722	447,481	141,894
2015	995,733	75,832	919,901	722,122	56,821	665,301	957,300	706,501	474,773	177,743
2016	997,191	77,405	919,786	673,513	53,036	620,477	930,333	641,946	486,132	203,490

Nota/*Notes*:

(a) Data estet bagi 2007 dan 2009 diperoleh daripada Banci Estet Getah Tahunan. Data estet 2010 daripada Banci Ekonomi 2011 dan data estet 2015 daripada Banci Ekonomi 2016. Bagi tahun-tahun yang lain, data diperoleh daripada Banci Getah Bulanan.
Data on estates for 2007 and 2009 were obtained from the Annual Census of Rubber Estates. Data on estates for 2010 was from the Economic Census 2011 and data on estates for 2015 was from the Economic Census 2016. As for the other years, data were obtained from the Monthly Rubber Census.

(b) Data keluasan kebun kecil getah diperoleh daripada FELDA, RISDA dan FELCRA. Data keluasan bertanam getah bagi kebun kecil lain dikemaskini semula dan hanya merujuk kepada kawasan di bawah KESEDAR, LIGS dan JPS.
Data on rubber area of smallholdings were obtained from FELDA, RISDA and FELCRA. Data on rubber planted area for other smallholdings were revised and only refers to KESEDAR, LIGS and JPS.

Jadual 1.2: Perangkaan utama industri getah, Januari-Disember 2015
Table 1.2: Principal statistics of rubber industry, January-December 2015

Bulan *Month*	**Pengeluaran** *Production*			**Import** *Imports*	**Eksport** *Exports*	**Penggunaan tempatan** *Domestic consumption*	**Stok pada akhir tempoh** [b] *Stocks at end of period*	**Harga purata getah asli (harga di ladang)** [c] *Average price of natural rubber (farmgate price)*	
	Jumlah *Total*	**Estet** *Estates*	**Kebun kecil** *Smallholdings*					**Susu getah cair** *Field latex*	**Skrap** *Scrap*
	Tan metrik/*Tonnes*							**Sen/Kg**	
Jumlah tahunan *Annual total*	**722,122**	**56,821** [a]	**665,301**	**957,300**	**706,501**	**474,773**	**177,743**	**426.94**	**401.31**
Jumlah bulanan *Monthly total*	**722,122**	**57,028**	**665,094**	**957,300**	**706,501**	**474,773**	**177,743**	**426.94**	**401.31**
Januari/*January*	81,754	5,781	75,973	96,131	69,465	38,119	186,579	392.78	377.97
Februari/*February*	74,469	5,518	68,951	64,944	55,805	35,564	206,443	388.47	377.30
Mac/*March*	60,511	3,708	56,803	78,123	61,167	38,330	206,998	412.52	390.78
April	35,850	2,606	33,244	69,585	49,059	39,770	176,334	408.90	385.94
Mei/*May*	39,080	3,339	35,741	66,230	40,512	39,193	130,507	444.95	412.20
Jun/*June*	54,100	4,736	49,364	68,485	66,385	40,773	129,587	521.45	455.84
Julai/*July*	54,823	4,717	50,106	78,608	80,288	40,876	127,938	470.40	420.03
Ogos/*August*	57,366	5,246	52,120	70,637	67,770	40,877	129,414	437.36	405.22
September	68,260	5,502	62,758	80,865	61,231	38,679	137,176	439.91	415.45
Oktober/*October*	71,384	5,821	65,563	83,925	55,398	41,751	147,867	435.67	412.24
November	50,940	4,034	46,906	91,110	45,259	39,467	144,477	392.32	386.07
Disember/*December*	73,584	6,021	67,563	108,656	54,162	41,374	177,743	378.50	376.63

Nota/*Notes* :

(a) Jumlah pengeluaran tahunan di estet berbeza daripada pengeluaran bulanan sebanyak 207 tan metrik kerana data yang diperoleh daripada banci bulanan adalah data anggaran.
Total annual production differed in estates from the monthly production by 207 tonnes because the data obtained from the monthly census were estimates.

(b) Data ini merujuk kepada stok pada penghujung tahun.
Data refer to stocks at the end of the year.

(c) Harga purata setahun yang dikeluarkan oleh Lembaga Getah Malaysia (LGM).
Average annual prices issued by Malaysian Rubber Board (MRB).

Jadual 1.3: Keluasan bertanam dan pengeluaran getah mengikut wilayah, 2015
Table 1.3: Planted area and production of rubber by region, 2015

Wilayah *Region*	**Keluasan bertanam getah (hektar)** *Rubber planted area (hectares)*			**Pengeluaran (tan metrik)** *Production (tonnes)*		
	Jumlah *Total*	**Estet** *Estates*	**Kebun kecil** *Smallholdings*	**Jumlah** *Total*	**Estet** *Estates*	**Kebun kecil** *Smallholdings*
Jumlah *Total*	**995,733**	**75,832**	**919,901**	**722,122**	**56,821**	**665,301**
Semenanjung Malaysia *Peninsular Malaysia*	**638,025**	63,523	574,502	687,863	56,681	631,182
Sabah	**116,120**	12,087	104,033	28,858	13	28,845
Sarawak	**241,588**	222	241,366	5,401	127	5,274

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SEKSYEN 2: PERANGKAAN UTAMA ESTET GETAH

SECTION 2: PRINCIPAL STATISTICS OF RUBBER ESTATES

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Jadual 2.1: Perangkaan utama bagi estet getah, 2007-2016
Table 2.1: Principal statistics of rubber estates, 2007-2016

Tahun *Year*	**Bilangan estet** *Number of estates*	**Keluasan bertanam getah** *Rubber planted area*	**Keluasan ditoreh** *Tapped area*	**Pengeluaran** *Production*	**Purata hasil sehektar** Average *yield per hectare*	**Jumlah guna tenaga pada Disember atau pada tempoh gaji akhir** *Total number of persons engaged during December or the last pay period*		**Gaji & upah yang dibayar** *Salaries & wages paid*	**Nilai harta tetap yang dimiliki pada akhir tahun** *Value of fixed assets owned as at the end of year*
		Hektar *Hectares*	**Hektar** *Hectares*	**Tan metrik** *Tonnes*	**Kg**	**Jumlah** *Total*	**Pekerja bergaji** *Paid employees*	**(RM '000)**	**(RM '000)**
2007 [(a)]	197	52,680	43,741	65,472	1,497	11,659	11,566	111,742	269,401
2008	196	50,890	42,137	59,593	1,414	11,076	11,072	118,615	..
2009 [(a)]	185	49,740	40,532	56,771	1,401	11,081	10,428	109,149	561,691
2010 [(a)]	188	49,866	40,586	56,337	1,388	10,557	10,194	115,848	792,329
2011	188	49,861	38,484	53,016	1,378	10,885	10,887	146,199	..
2012	203	65,935	41,613	58,757	1,412	12,459	12,456	175,201	..
2013	173	77,411	41,207	57,394	1,393	12,050	12,046	189,543	..
2014	184	80,084	39,276	55,769	1,420	12,364	12,360	187,732	..
2015	163	75,832	39,730	56,821	1,430	12,056	12,009	186,419	643,767
2016	173	77,405	38,613	53,036	1,374	10,266	10,264	165,475	..

Nota/*Note* :

(a) Data estet bagi 2007 dan 2009 diperoleh daripada Banci Estet Getah Tahunan. Data estet 2010 daripada Banci Ekonomi 2011 dan data estet 2015 daripada Banci Ekonomi 2016. Bagi tahun-tahun yang lain, data diperoleh daripada Banci Getah Bulanan.
Data on estates for 2007 and 2009 were obtained from the Annual Census of Rubber Estates. Data on estates for 2010 was from the Economic Census 2011 and data on estates for 2015 was from the Economic Census 2016. As for the other years, data were obtained from the Monthly Rubber Census.

Jadual 2.2: Perangkaan utama estet getah mengikut negeri, 2015
Table 2.2: Principal statistics of rubber estates by state, 2015

Negeri[a] *State*	**Bilangan estet** *Number of estates*	**Keluasan bertanam getah** *Rubber planted area*	**Keluasan ditoreh** *Tapped area*	**Pengeluaran** *Production*	**Purata hasil sehektar** Average *yield per hectare*	**Jumlah guna tenaga pada Disember atau pada tempoh gaji akhir** *Total number of persons engaged during December or the last pay period*		**Gaji & upah yang dibayar** *Salaries & wages paid*	**Nilai harta tetap yang dimiliki pada akhir tahun** *Value of fixed assets owned as at the end of year*
		Hektar *Hectares*	**Hektar** *Hectares*	**Tan metrik** *Tonnes*	**Kg**	**Jumlah** *Total*	**Pekerja bergaji** *Paid employees*	**(RM '000)**	**(RM '000)**
Jumlah *Total*	**163**	**75,832**	**39,730**	**56,821**	**1,430**	**12,056**	**12,009**	**186,419**	**643,767**
Johor	16	7,540	4,811	7,235	1,504	1,314	1,314	22,357	20,294
Kedah	46	16,887	12,231	15,317	1,252	3,000	2,980	44,037	165,872
Kelantan & Terengganu	19	10,391	5,024	5,717	1,138	1,792	1,765	24,693	15,974
Melaka	11	1,079	835	1,163	1,393	186	186	2,651	9,181
Negeri Sembilan	20	7,721	5,082	10,113	1,990	1,827	1,827	31,834	210,612
Pahang	15	6,286	4,600	7,473	1,624	1,253	1,253	21,176	10,582
Perak	26	8,849	5,267	7,517	1,427	1,967	1,967	30,700	194,358
Sabah & Sarawak	3	12,309	275	140	508	254	254	3,333	1,821
Selangor	7	4,770	1,605	2,147	1,337	463	463	5,637	15,073

Nota/*Note* :

(a) Tiada estet di Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya.
No estates in Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

Jadual 2.3: Perangkaan utama estet getah mengikut taraf sah, 2015
Table 2.3: Principal statistics of rubber estates by legal status, 2015

Taraf sah *Legal status*	**Bilangan estet** *Number of estates*	**Keluasan bertanam getah** *Rubber planted area*	**Keluasan ditoreh** *Tapped area*	**Pengeluaran** *Production*	**Purata hasil sehektar** Average *yield per hectare*	**Jumlah guna tenaga pada Disember atau pada tempoh gaji akhir** *Total number of persons engaged during December or the last pay period*		**Gaji & upah yang dibayar** *Salaries & wages paid*	**Nilai harta tetap yang dimiliki pada akhir tahun** *Value of fixed assets owned as at the end of year*
		Hektar *Hectares*	**Hektar** *Hectares*	**Tan metrik** *Tonnes*	**Kg**	**Jumlah** *Total*	**Pekerja bergaji** *Paid employees*	**(RM '000)**	**(RM '000)**
Jumlah *Total*	**163**	**75,832**	**39,730**	**56,821**	**1,430**	**12,056**	**12,009**	**186,419**	**643,767**
Hak Milik Perseorangan *Individual Proprietorship*	3	251	192	310	1,613	56	55	542	80
Perkongsian *Partnership*	7	790	414	383	926	60	59	797	4,122
Syarikat Sendirian Berhad *Private Limited Company*	129	63,041	30,496	44,348	1,454	9,321	9,276	147,662	609,438
Syarikat Awam Berhad *Public Limited Company*	13	8,041	6,221	8,730	1,403	2,097	2,097	28,870	3,787
Lain-lain[(a)] *Others*	11	3,709	2,407	3,050	1,267	522	522	8,548	26,340

Nota/*Note* :

(a) Termasuk syarikat koperasi dan perbadanan awam.
Includes co-operatives and public corporation.

Jadual 2.4: Perangkaan utama estet getah mengikut hak milik, 2015
Table 2.4: Principal statistics of rubber estates by ownership, 2015

Hak Milik *Ownership*	**Bilangan estet** *Number of estates*	**Keluasan bertanam getah** *Rubber planted area*	**Keluasan ditoreh** *Tapped area*	**Pengeluaran** *Production*	**Purata hasil sehektar** Average *yield per hectare*	**Jumlah guna tenaga pada Disember atau pada tempoh gaji akhir** *Total number of persons engaged during December or the last pay period*		**Gaji & upah yang dibayar** *Salaries & wages paid*	**Nilai harta tetap yang dimiliki pada akhir tahun** *Value of fixed assets owned as at the end of year*
		Hektar *Hectares*	**Hektar** *Hectares*	**Tan metrik** *Tonnes*	**Kg**	**Jumlah** *Total*	**Pekerja bergaji** *Paid employees*	**(RM '000)**	**(RM '000)**
Jumlah *Total*	**163**	**75,832**	**39,730**	**56,821**	**1,430**	**12,056**	**12,009**	**186,419**	**643,767**
Residen Malaysia *Malaysian Residents*	157	63,559	39,511	56,611	1,433	11,784	11,737	182,936	624,179
Bukan Residen Malaysia dan Hak Milik Bersama *Non-Malaysian Residents and Joint Ownership*	6	12,273	219	210	959	272	272	3,483	19,588

Jadual 2.5: Perangkaan utama estet getah mengikut saiz keluasan bertanam getah, 2015
Table 2.5: Principal statistics of rubber estates by rubber planted area size, 2015

Saiz keluasan bertanam getah *Rubber planted area size*	**Bilangan estet** *Number of estates*	**Keluasan bertanam getah** *Rubber planted area*	**Keluasan ditoreh** *Tapped area*	**Pengeluaran** *Production*	**Purata hasil sehektar** Average *yield per hectare*	**Jumlah guna tenaga pada Disember atau pada tempoh gaji akhir** *Total number of persons engaged during December or the last pay period*		**Gaji & upah yang dibayar** *Salaries & wages paid*	**Nilai harta tetap yang dimiliki pada akhir tahun** *Value of fixed assets owned as at the end of year*
Hektar *Hectares*		**Hektar** *Hectares*	**Hektar** *Hectares*	**Tan metrik** *Tonnes*	**Kg**	**Jumlah** *Total*	**Pekerja bergaji** *Paid employees*	**(RM '000)**	**(RM '000)**
Jumlah *Total*	**163**	**75,832**	**39,730**	**56,821**	**1,430**	**12,056**	**12,009**	**186,419**	**643,767**
Kurang daripada 200 *Less than*	95	7,791	6,325	8,335	1,318	1,752	1,735	25,226	151,289
200-499	28	9,015	7,083	10,719	1,513	2,060	2,055	30,824	103,430
500-999	17	12,277	7,254	10,981	1,514	2,245	2,220	33,398	240,356
1,000-1,499	14	16,771	10,341	15,627	1,511	3,255	3,255	51,614	57,670
1,500 dan ke atas *and above*	9	29,978	8,727	11,158	1,279	2,744	2,744	45,357	91,022

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SEKSYEN 3: KELUASAN ESTET

SECTION 3: ESTATES AREA

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Jadual 3.1: Keluasan bertanam getah di estet mengikut negeri, 2007-2016
Table 3.1: Rubber planted area in estates by state, 2007-2016

Hektar
Hectares

Negeri[(c)] *State*	**Tahun** *Year*									
	2007 [(a)]	**2008**	**2009** [(a)]	**2010** [(a)]	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**
Jumlah *Total*	**52,680**	**50,890**	**49,740**	**49,866**	**49,861**	**65,935**	**77,411**	**80,084**	**75,832**	**77,405**
Johor	6,806	6,316	5,592	5,954	6,190	6,947	7,747	7,574	7,540	7,243
Kedah & Perlis	11,238	11,023	11,675	11,688	12,521	18,185	17,295	18,516	16,887	18,567
Kelantan & Terengganu	8,352	8,383	8,559	8,281	7,796	7,438	7,493	10,512	10,391	12,850
Melaka	1,717	1,585	1,452	1,119	1,146	1,213	1,234	1,148	1,079	707
Negeri Sembilan	11,269	10,049	9,386	9,631	9,197	8,595	8,330	8,182	7,721	7,009
Pahang	7,482	7,503	7,354	7,470	7,355	7,016	7,069	6,577	6,286	6,345
Perak	3,559	3,646	3,344	3,293	3,329	11,764	11,339	10,245	8,849	7,447
Sabah & Sarawak	(b)	(b)	(b)	(b)	(b)	(b)	12,308	12,309	12,309	12,322
Selangor	2,257	2,385	2,378	2,430	2,327	4,777	4,596	5,021	4,770	4,915

Nota/*Notes:*

(a) Data estet bagi 2007 dan 2009 diperoleh daripada Banci Estet Getah Tahunan. Data estet 2010 daripada Banci Ekonomi 2011 dan data estet 2015 daripada Banci Ekonomi 2016. Bagi tahun-tahun yang lain, data diperoleh daripada Banci Getah Bulanan.
Data on estates for 2007 and 2009 were obtained from the Annual Census of Rubber Estates. Data on estates for 2010 was from the Economic Census 2011 and data on estates for 2015 was from the Economic Census 2016. As for the other years, data were obtained from the Monthly Rubber Census.

(b) Data estet getah bagi Selangor telah digabungkan dengan Sabah from 2007-2012.
Data for Selangor has been combined with Sabah from 2007-2012.

(c) Tiada estet di Pulau Pinang, W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya.
No estates in Pulau Pinang, W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

Jadual 3.2: Keluasan tanaman di estet seperti pada 31 Disember, 2007-2016
Table 3.2: Crops area in estates as at 31 December, 2007-2016

Hektar
Hectares

Tahun *Year*	**Jumlah keluasan tanaman** *Total crops area*	**Keluasan bertanam getah** *Rubber planted area*			**Baki keluasan bertanam** *Remaining planted area*			
		Jumlah *Total*	**Matang** *Mature*	**Belum matang** *Immature*	**Jumlah** *Total*	**Kelapa Sawit** *Oil Palm*	**Koko** *Cocoa*	**Tanaman lain**[a] *Other crops*
2007 [b]	127,470	52,680	45,342	7,338	74,790	71,464	359	2,967
2008	..	50,890	44,426	6,464	..	..	..	..
2009 [b]	113,334	49,740	42,616	7,124	63,594	60,393	202	2,999
2010 [b]	116,413	49,866	41,357	8,509	66,547	63,853	61	2,633
2011	..	49,861	40,826	9,035	..	..	..	..
2012	..	65,935	45,548	20,387	..	..	..	..
2013	..	77,411	44,725	32,686	..	..	..	..
2014	..	80,084	42,589	37,495	..	..	..	..
2015 [b]	154,731	75,832	43,201	32,631	78,899	78,353	146	400
2016	..	77,405	41,542	35,863	..	..	..	..

Nota/*Notes* :

(a) Tanaman lain seperti pokok buah-buahan, herba dll.
Other crops such as fruit trees, herbs etc.

(b) Data estet bagi 2007 dan 2009 diperoleh daripada Banci Estet Getah Tahunan. Data estet 2010 daripada Banci Ekonomi 2011 dan data estet 2015 daripada Banci Ekonomi 2016. Bagi tahun-tahun yang lain, data diperoleh daripada Banci Getah Bulanan.
Data on estates for 2007 and 2009 were obtained from the Annual Census of Rubber Estates. Data on estates for 2010 was from the Economic Census 2011 and data on estates for 2015 was from the Economic Census 2016. As for the other years, data were obtained from the Monthly Rubber Census.

Jadual 3.3: Keluasan tanaman di estet mengikut negeri seperti pada 31 Disember 2015
Table 3.3 : Crops area in estates by state as at 31 December 2015

Hektar
Hectares

Negeri[b] *State*	**Jumlah keluasan tanaman** *Total crops area*	**Keluasan bertanam getah** *Rubber planted area*			**Baki keluasan bertanam** *Remaining planted area*			
		Jumlah *Total*	**Matang** *Mature*	**Belum matang** *Immature*	**Jumlah** *Total*	**Kelapa Sawit** *Oil Palm*	**Koko** *Cocoa*	**Tanaman lain**[a] *Other crops*
Jumlah *Total*	**154,731**	**75,832**	**43,201**	**32,631**	**78,899**	**78,353**	**146**	**400**
Johor	20,422	7,540	4,955	2,585	12,882	12,882	-	-
Kedah	26,595	16,887	13,113	3,774	9,708	9,645	-	63
Kelantan & Terengganu	25,417	10,391	5,271	5,120	15,026	15,026	-	-
Melaka	2,585	1,079	980	99	1,506	1,506	-	-
Negeri Sembilan	19,297	7,721	5,256	2,465	11,576	11,576	-	-
Pahang	14,311	6,286	4,700	1,586	8,025	7,705	146	174
Perak	18,149	8,849	5,360	3,489	9,300	9,137	-	163
Sabah & Sarawak	22,424	12,309	275	12,034	10,115	10,115	-	-
Selangor	5,531	4,770	3,291	1,479	761	761	-	-

Nota/*Notes:*

(a) Tanaman lain seperti pokok buah-buahan, herba dll.
Other crops such as fruit trees, herbs etc.

(b) Tiada estet di Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya.
No estates in Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

Jadual 3.4: Keluasan tanaman di estet mengikut hak milik seperti pada 31 Disember 2015
Table 3.4: Crops area in estates by ownership as at 31 December 2015

Hektar
Hectares

Hak milik *Ownership*	**Jumlah keluasan tanaman** *Total crops area*	**Keluasan bertanam getah** *Rubber planted area*			**Baki keluasan bertanam** *Remaining planted area*			
		Jumlah *Total*	**Matang** *Mature*	**Belum matang** *Immature*	**Jumlah** *Total*	**Kelapa Sawit** *Oil Palm*	**Koko** *Cocoa*	**Tanaman lain**[(a)] *Other crops*
Jumlah *Total*	**154,731**	**75,832**	**43,201**	**32,631**	**78,899**	**78,353**	**146**	**400**
Residen Malaysia *Malaysian Residents*	142,267	63,559	42,928	20,631	78,708	78,162	146	400
Bukan Residen Malaysia *Non-Malaysian Residents*	12,464	12,273	273	12,000	191	191	0	0

Nota/*Note:*

(a) Tanaman lain seperti pokok buah-buahan, herba dll.
Other crops such as fruit trees, herbs etc.

Jadual 3.5: Keluasan tanaman di estet mengikut saiz keluasan bertanam getah seperti pada 31 Disember 2015
Table 3.5: Crops area in estates by rubber planted area size as at 31 December 2015

Hektar
Hectares

Saiz keluasan bertanam getah *Rubber planted area size*	**Jumlah keluasan tanaman** *Total crops area*	**Keluasan bertanam getah** *Rubber planted area*			**Baki keluasan bertanam** *Remaining planted area*			
		Jumlah *Total*	**Matang** *Mature*	**Belum matang** *Immature*	**Jumlah** *Total*	**Kelapa Sawit** *Oil Palm*	**Koko** *Cocoa*	**Tanaman lain**[(a)] *Other crops*
Jumlah *Total*	**154,731**	**75,832**	**43,201**	**32,631**	**78,899**	**78,353**	**146**	**400**
Kurang daripada 200 *Less than*	35,641	7,791	6,990	801	27,850	27,785	0	65
200 - 499	38,771	9,015	7,492	1,523	29,756	29,655	0	101
500 - 999	28,164	12,277	8,101	4,176	15,887	15,724	0	163
1,000 - 1,499	20,275	16,771	10,391	6,380	3,504	3,287	146	71
1,500 dan ke atas *and above*	31,880	29,978	10,227	19,751	1,902	1,902	0	0

Nota/*Note:*

(a) Tanaman lain seperti pokok buah-buahan, herba dll.
Other crops such as fruit trees, herbs etc.

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SEKSYEN 4: PENGELUARAN DAN HASIL ESTET

SECTION 4: PRODUCTION AND YIELD ON ESTATES

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Jadual 4.1: Pengeluaran getah di estet mengikut negeri, 2007-2016
Table 4.1: Rubber production in estates by state, 2007-2016

Tan metrik
Tonnes

Negeri[c] *State*	**Tahun** *Year*									
	2007 [a]	**2008**	**2009** [a]	**2010** [a]	**2011**	**2012**	**2013**	**2014**	**2015** [a]	**2016**
Jumlah *Total*	**65,472**	**59,593**	**56,771**	**56,337**	**53,016**	**58,757**	**57,394**	**55,769**	**56,821**	**53,036**
Johor	8,967	8,027	7,428	6,951	6,450	7,472	7,846	7,544	7,235	6,762
Kedah & Perlis	12,270	11,036	12,793	13,002	12,780	12,241	11,572	12,596	15,317	14,285
Kelantan & Terengganu	7,993	8,071	7,248	6,770	6,160	6,385	5,935	5,444	5,717	8,252
Melaka	1,894	1,945	2,003	1,387	1,479	1,841	1,626	1,350	1,163	804
Negeri Sembilan	19,482	15,179	13,304	14,401	12,302	11,832	11,301	11,152	10,113	8,302
Pahang	8,264	8,340	7,837	7,905	8,081	7,683	7,611	7,567	7,473	6,548
Perak	4,961	5,177	4,374	4,184	4,176	9,890	9,313	7,749	7,517	5,344
Sabah & Sarawak	(b)	(b)	(b)	(b)	(b)	(b)	54	57	140	56
Selangor	1,641	1,818	1,784	1,737	1,588	1,412	2,135	2,310	2,147	2,684

Nota/*Notes*:

(a) Data estet bagi 2007 dan 2009 diperoleh daripada Banci Estet Getah Tahunan. Data estet 2010 daripada Banci Ekonomi 2011 dan data estet 2015 daripada Banci Ekonomi 2016. Bagi tahun-tahun yang lain, data diperoleh daripada Banci Getah Bulanan.
Data on estates for 2007 and 2009 were obtained from the Annual Census of Rubber Estates. Data on estates for 2010 was from the Economic Census 2011 and data on estates for 2015 was from the Economic Census 2016. As for the other years, data were obtained from the Monthly Rubber Census.

(b) Data Sabah telah digabungkan dengan Selangor mulai 2007 hingga 2012.
Data for Sabah has been combined with Selangor from 2007 to 2012.

(c) Tiada estet di Pulau Pinang, W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya.
No estates in Pulau Pinang, W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

Jadual 4.2: Pengeluaran getah di estet mengikut saiz keluasan bertanam, 2015
Table 4.2: Rubber production in estates by planted area size, 2015

Saiz keluasan bertanam getah *Rubber planted area size*	**Keluasan ditoreh** *Tapped area*	**Pengeluaran** *Production*	**Purata hasil sehektar** *Average yield per hectare*
Hektar *Hectares*	**Hektar** *Hectares*	**Tan metrik** *Tonnes*	**Kg**
Jumlah *Total*	**39,730**	**56,821**	**1,430**
Kurang daripada 200 *Less than*	6,325	8,335	1,318
200-499	7,083	10,719	1,513
500-999	7,254	10,981	1,514
1,000-1,499	10,341	15,627	1,511
1,500 dan ke atas *and above*	8,727	11,158	1,279

Jadual 4.3: Pengeluaran getah di estet mengikut saiz keluasan bertanam dan negeri, 2015
Table 4.3: Rubber production in estates by planted area size and state, 2015

Tan metrik
Tonnes

Negeri[(a)] *State*	**Pengeluaran** *Production*	**Saiz keluasan bertanam getah (hektar)** *Rubber planted area size (hectares)*				
		Kurang daripada 200 *Less than*	**200-499**	**500-999**	**1,000-1,499**	**1,500 dan ke atas** *and above*
Jumlah *Total*	**56,821**	**8,335**	**10,719**	**10,981**	**15,627**	**11,158**
Johor	7,235	264	764	2,437	3,769	-
Kedah	15,317	2,353	3,170	2,690	2,422	4,682
Kelantan & Terengganu	5,717	354	-	1,041	2,014	2,308
Melaka	1,163	952	211	-	-	-
Negeri Sembilan	10,113	2,156	704	2,963	1,093	3,197
Pahang	7,473	621	3,191	-	3,661	-
Perak	7,517	1,621	2,053	796	2,077	971
Sabah & Sarawak	140	13	127	-	-	-
Selangor	2,147	-	500	1,054	592	-

Nota/*Note:*

(a) Tiada estet di Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya.
No estates in Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

Jadual 4.4: Pengeluaran getah di estet mengikut saiz hasil dan negeri, 2015
Table 4.4: Rubber production in estates by yield size and state, 2015

Tan metrik
Tonnes

Negeri[(a)] *State*	**Pengeluaran** *Production*	**Purata saiz hasil (kilogram sehektar)** *Average yield size (kilogramme per hectare)*										
		Kurang daripada *Less than* **200**	**200-399**	**400-599**	**600-799**	**800-999**	**1,000-1,199**	**1,200-1,399**	**1,400-1,599**	**1,600-1,799**	**1,800-1,999**	**2,000 dan ke atas** *and above*
Jumlah *Total*	**56,821**	**32**	**158**	**136**	**1,235**	**3,906**	**6,663**	**6,421**	**10,859**	**11,973**	**610**	**14,828**
Johor	7,235	-	42	-	591	88	134	1,200	-	2,489	-	2,691
Kedah	15,317	-	83	78	169	2,678	2,651	961	5,242	2,095	303	1,057
Kelantan & Terengganu	5,717	4	12	24	63	680	2,917	1,270	444	-	-	302
Melaka	1,163	-	21	-	70	-	55	-	386	74	95	463
Negeri Sembilan	10,113	-	-	20	-	73	76	344	-	3,507	-	6,094
Pahang	7,473	-	-	15	23	105	257	-	3,177	2,603	212	1,081
Perak	7,517	15	-	-	38	213	573	2,646	1,334	1,205	-	1,493
Sabah & Sarawak	140	13	-	-	127	-	-	-	-	-	-	-
Selangor	2,147	-	-	-	155	69	-	-	276	-	-	1,647

Nota/*Note:*

(a) Tiada estet di Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya.
No estates in Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

SEKSYEN 5: BILANGAN ORANG YANG DIAMBIL BEKERJA DI ESTET

SECTION 5: NUMBER OF PERSONS ENGAGED IN ESTATES

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Jadual 5.1: Jumlah pekerja bergaji sepenuh masa di estet mengikut kategori pekerja, 2007-2016

Table 5.1: Total number of full-time paid employees in estates by category of workers, 2007-2016

Tahun *Year*		**Jumlah pekerja bergaji sepenuh masa dan gaji & upah** *Total of full-time paid employees and salaries & wages*		**Pekerja bergaji dan gaji & upah** *Paid employees and salaries & wages*					
				Pekerja pentadbiran *Administrative staff*		**Pekerja estet** *Estate workers*		**Pekerja kilang** *Factory workers*	
		Bilangan *Number*	**Gaji & upah dibayar** *Salaries & wages paid* **(RM '000)**	**Bilangan** *Number*	**Gaji & upah dibayar** *Salaries & wages paid* **(RM '000)**	**Bilangan** *Number*	**Gaji & upah dibayar** *Salaries & wages paid* **(RM '000)**	**Bilangan** *Number*	**Gaji & upah dibayar** *Salaries & wages paid* **(RM '000)**
2007	(a)	11,566	111,742	1,112	19,797	10,355	90,941	99	1,004
2008		11,072	118,615	1,124	19,958	9,893	98,093	55	564
2009	(a)	10,428	109,149	1,070	20,356	9,338	88,656	20	137
2010	(a)	10,242	115,848	1,204	30,091	8,990	85,757	48	543
2011		10,885	146,197	1,138	22,951	9,702	122,672	45	574
2012		12,456	175,201	1,273	28,077	11,140	146,611	43	513
2013		12,046	189,543	1,439	35,503	10,562	153,410	45	630
2014		12,360	187,732	1,492	37,439	10,824	149,666	44	626
2015	(a)	11,998	186,340	1,591	39,531	10,364	146,221	43	587
2016		10,264	165,475	1,485	38,939	8,726	125,900	53	636

Nota/*Note:*

(a) **Data estet bagi 2007 dan 2009 diperoleh daripada Banci Estet Getah Tahunan. Data estet 2010 daripada Banci Ekonomi 2011 dan data estet 2015 daripada Banci Ekonomi 2016. Bagi tahun-tahun yang lain, data diperoleh daripada Banci Getah Bulanan.**
Data on estates for 2007 and 2009 were obtained from the Annual Census of Rubber Estates. Data on estates for 2010 was from the Economic Census 2011 and data on estates for 2015 was from the Economic Census 2016. As for the other years, data were obtained from the Monthly Rubber Census.

Jadual 5.2: Jumlah guna tenaga di estet mengikut negeri, 2015
Table 5.2: Total number of persons engaged in estates by state, 2015

Negeri[a] *State*	**Jumlah guna tenaga di estet** *Total number of persons engaged in estates*	**Bilangan pemilik yang bekerja, rakaniaga yang aktif dan pekerja keluarga tidak bergaji** *Number of working proprietors, active business partners and unpaid family workers*	**Pekerja bergaji dan gaji & upah** *Paid employees and salaries & wages*						**Pekerja di bawah subkontraktor** *Workers under sub-contractors*
			Jumlah *Total*		**Sepenuh masa** *Full-time*		**Sambilan** *Part-time*		
			Bilangan pekerja *Number of employees*	**Gaji & upah dibayar** *Salaries & wages paid* **(RM '000)**	**Bilangan pekerja** *Number of employees*	**Gaji & upah dibayar** *Salaries & wages paid* **(RM '000)**	**Bilangan pekerja** *Number of employees*	**Gaji & upah dibayar** *Salaries & wages paid* **(RM '000)**	**Bilangan pekerja** *Number of employees*
Jumlah *Total*	**12,056**	**2**	**12,009**	**186,419**	**11,998**	**186,340**	**11**	**79**	**45**
Johor	1,314	-	1,314	22,357	1,314	22,357	-	-	-
Kedah	3,000	-	2,980	44,037	2,980	44,037	-	-	20
Kelantan & Terengganu	1,792	2	1,765	24,694	1,754	24,615	11	79	25
Melaka	186	-	186	2,651	186	2,651	-	-	-
Negeri Sembilan	1,827	-	1,827	31,834	1,827	31,834	-	-	-
Pahang	1,253	-	1,253	21,176	1,253	21,176	-	-	-
Perak	1,967	-	1,967	30,700	1,967	30,700	-	-	-
Sabah & Sarawak	254	-	254	3,333	254	3,333	-	-	-
Selangor	463	-	463	5,637	463	5,637	-	-	-

Nota/*Note:*

(a) Tiada estet di Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya.
No estates in Pulau Pinang, Perlis, W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

Jadual 5.3: Jumlah guna tenaga di estet mengikut kategori pekerja dan jantina, 2015

Table 5.3: Total number of persons engaged in estates by category of workers and sex, 2015

Kategori pekerja *Category of workers*	**Jumlah guna tenaga pada bulan Disember atau pada tempoh gaji akhir, 2015** *Total number of persons engaged during December or the last pay period, 2015*			**Gaji & upah dibayar** *Salaries & wages paid*
	Jumlah *Total*	**Lelaki** *Male*	**Perempuan** *Female*	**(RM '000)**
Jumlah *Total*	**12,056**	**8,841**	**3,215**	**186,419**
Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji *Working proprietors and unpaid family workers*	**2**	**1**	**1**	**n.a**
Pemilik yang bekerja dan rakan niaga yang aktif *Working proprietors and active business partners*	2	1	1	n.a
Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) *Unpaid family workers (all members of family and friends not receiving regular wages)*	-	-	-	n.a
Jumlah pekerja bergaji (sepenuh masa) *Total paid employees (full-time)*	**11,998**	**8,791**	**3,207**	**186,340**
Pengurus, profesional dan penyelidik *Managers, professionals and researchers*	187	182	5	13,058
Juruteknik dan Profesional Bersekutu *Technicians and Associate Professionals*	482	470	12	10,901
Pekerja Sokongan Perkeranian *Clerical Support Workers*	156	58	98	3,520

Jadual 5.3: Jumlah guna tenaga di estet mengikut kategori pekerja dan jantina, 2015 (samb.)

Table 5.3: Total number of persons engaged on estates by category of workers and sex, 2015 (cont'd)

Kategori pekerja *Category of workers*	**Jumlah guna tenaga pada bulan Disember atau pada tempoh gaji akhir, 2015** *Total number of persons engaged during December or the last pay period, 2015*			**Gaji & upah dibayar** *Salaries & wages paid*
	Jumlah *Total*	**Lelaki** *Male*	**Perempuan** *Female*	**(RM '000)**
Pekerja Perkhidmatan dan Jualan *Service and Sales Workers*	-	-	-	-
Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan *Agricultural, Forestry, Livestock and Fisheries Skills Workers*	-	-	-	-
Diambil secara langsung *Directly employed*	7,691	5,217	2,474	107,238
Diambil melalui kontraktor buruh *Employed through labour contractors*	2,673	2,236	437	38,983
Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan *Craft and related Trades Workers*	-	-	-	-
Operator Mesin dan Loji, dan Pemasang *Plant and Machine Operators and Assemblers*	43	23	20	587
Pekerja Asas *Elementary Occupations*	766	605	161	12,053
Jumlah pekerja bergaji (sambilan) *Total paid employees (part time)*	11	9	2	79
Jumlah pekerja di bawah subkontraktor *Total workers under sub-contractors*	**45**	**40**	**5**	**..**

SEKSYEN 6: PERBELANJAAN MENANAM, MODAL DAN MENYELENGGARA HARTA DI ESTET

SECTION 6: PLANTING, CAPITAL AND ASSETS MAINTENANCE EXPENDITURE IN ESTATES

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Jadual 6.1: Perbelanjaan modal dan nilai harta tetap di estet, 2015
Table 6.1: Capital expenditure and value of fixed assets in estates, 2015

Jenis harta *Type of assets*	**Nilai buku bersih seperti pada 01.01.2015** *Net book value as at 01.01.2015*	**Perbelanjaan modal sepanjang tahun** *Capital expenditure during year* **Jumlah** *Total*	**Harta yang dijual/ ditamatkan penggunaannya** *Assets sold/ discarded during year*	**Keuntungan/ kerugian daripada jualan/ penilaian semula harta tetap** *Gain/loss from sales/ revaluation of assets*	**Susut nilai semasa** *Current depreciation*	**Nilai buku bersih seperti pada 31.12.2015** *Net book value as at 31.12.2015*
	(RM'000)	**(RM'000)**	**(RM'000)**	**(RM'000)**	**(RM'000)**	**(RM'000)**
Jumlah *Total*	**666,587**	**3,750**	**3,166**	**2,657**	**26,062**	**643,767**
Tanah *Land*	483,565	32	871	(1,417)	5,780	475,529
Bangunan dan binaan lain *Buildings and other construction*						
Tempat kediaman *Residential*	30,171	542	687	-	3,813	26,212
Bukan tempat kediaman *Non-Residential*	17,930	195	176	-	3,202	14,748
Binaan lain kecuali pembangunan tanah *Other construction except land improvement*	6,070	-	13	-	1,783	6,058
Pembangunan tanah *Land improvement*	48,610	174	35	8	3,264	45,492

Jadual 6.1: Perbelanjaan modal dan nilai harta tetap di estet, 2015 (samb.)
Table 6.1: Capital expenditure and value of fixed assets in estates, 2015 (cont'd)

Jenis harta *Type of assets*	**Nilai buku bersih seperti pada 01.01.2015** *Net book value as at 01.01.2015*	**Perbelanjaan modal sepanjang tahun** *Capital expenditure during year* **Jumlah** *Total*	**Harta yang dijual / ditamatkan penggunaannya** *Assets sold/ discarded during year*	**Keuntungan/ kerugian daripada jualan/ penilaian semula aset** *Gain/loss from sales/ revaluation of assets*	**Susut nilai semasa** *Current depreciation*	**Nilai buku bersih seperti pada 31.12.2015** *Net book value as at 31.12.2015*
	(RM'000)	**(RM'000)**	**(RM'000)**	**(RM'000)**	**(RM'000)**	**(RM'000)**
Alat pengangkutan *Transport equipment*						
Kereta penumpang *Passenger cars*	1,071	4	-	-	230	845
Kenderaan perdagangan *Commercial vehicles*	13,346	897	352	101	3,259	10,723
Lain-lain *Others*	7,779	345	672	(15)	1,722	5,715
Teknologi Maklumat dan Komunikasi *Information and Communications Technology*						
Perkakasan komputer *Computer hardware*	737	8	-	-	154	591
Perisian komputer *Computer software*	52	3	-	-	12	43
Peralatan komputer *Telecommunications equipment*	164	-	3	-	24	138

Jadual 6.1: Perbelanjaan modal dan nilai harta tetap di estet, 2015 (samb.)
Table 6.1: Capital expenditure and value of fixed assets in estates, 2015 (cont'd)

Jenis harta *Type of assets*	**Nilai buku bersih seperti pada 01.01.2015** *Net book value as at 01.01.2015*	**Perbelanjaan modal sepanjang tahun** *Capital expenditure during year* **Jumlah** *Total*	**Harta yang dijual / ditamatkan penggunaannya** *Assets sold/ discarded during year*	**Keuntungan/ kerugian daripada jualan/ penilaian semula aset** *Gain/loss from sales/ revaluation of assets*	**Susut nilai semasa** *Current depreciation*	**Nilai buku bersih seperti pada 31.12.2015** *Net book value as at 31.12.2015*
	(RM'000)	**(RM'000)**	**(RM'000)**	**(RM'000)**	**(RM'000)**	**(RM'000)**
Jentera dan kelengkapan *Machinery and equipment*	9,097	795	51	-	2,047	7,794
Perabot dan pemasangan *Furniture and fittings*	2,710	125	63	2	420	2,354
Harta lain *Other assets*						
Muhibah, paten *Goodwill, patent*	65	-	-	-	-	65
Kerja modal dalam pelaksanaan *Capital work in progress*	749	473	150	-	-	1,073
Aset biologi *Biological assets*	42,403	133	-	3,978	1,693	44,821
Lain-lain *Others*	2,068	24	93	-	442	1,557

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SEKSYEN 7: KEBUN KECIL GETAH

SECTION 7: RUBBER SMALLHOLDINGS

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Jadual 7.1: Keluasan bertanam getah di kebun kecil, 2007-2016
Table 7.1: Rubber planted area in smallholdings, 2007-2016

Hektar
Hectares

Tahun *Year*	**Jumlah** *Total*	**FELDA**[(a)]	**RISDA**[(b)]	**FELCRA**[(c)]	**Kebun kecil lain**[(d)] *Other smallholdings*
2007	923,535	83,746	554,108	45,674	240,007
2008	935,318	83,746	567,507	44,074	239,991
2009	965,401	82,350	587,749	44,762	250,540
2010	965,286	72,251	588,693	45,829	258,513
2011	962,727	71,239	590,174	45,039	256,275
2012	928,619	42,214	607,914	45,210	233,281
2013[(e)]	913,331	39,679	594,595	41,966	237,091
2014	916,519	37,458	597,116	41,669	240,276
2015	919,901	35,746	598,966	40,590	244,599
2016	919,786	35,254	598,063	38,327	248,142

Nota/*Notes:*

(a) Keluasan bertanam getah di bawah FELDA merujuk kepada jumlah keluasan getah sedia ada ditolak keluasan getah yang bertukar ke tanaman lain.
Rubber planted area under FELDA refers to the existing total rubber area less area converted to other crops.

(b) Keluasan bertanam getah di bawah RISDA merujuk kepada jumlah keluasan kawasan getah yang ditanam semula pertama kali, ditambah kawasan tanaman baru dan ditolak kawasan getah yang bertukar ke tanaman lain. Data tahun 2013 hingga 2016 dikemaskini berdasarkan Banci Pekebun Kecil Getah 2013.
Rubber planted area under RISDA refers to the total rubber area planted for the first time, add newly planted area, less area converted to other crops. Data 2013 to 2016 were revised based on Census of Rubber Smallholders 2013.

(c) Keluasan bertanam getah di bawah FELCRA merujuk kepada keluasan tanah yang disatukan dan dipulihkan untuk penanaman getah ditolak keluasan getah yang bertukar ke tanaman lain.
Rubber planted area under FELCRA refers to land area that was consolidated and rehabilitated for the planting of rubber less area converted to other crops.

(d) Hanya merujuk kepada kawasan bertanam getah di bawah KESEDAR, LIGS dan JPS.
Only refers to rubber planted area under KESEDAR, LIGS and JPS.

(e) Jumlah Keluasan Getah tahun 2013 dikemaskini adalah berdasarkan data primer (Banci Pekebun Kecil Getah RISDA 2013) dan data sekunder (Data Agensi).
Total Rubber area in 2013 was revised based on primary data (Census of Rubber Smallholders 2013) and secondry data (Agency Data).

Sumber/*Source* :

(i) Pihak Berkuasa Kemajuan Pekebun Kecil Perusahaan Getah (RISDA)
Rubber Industry Smallholders Development Authority (RISDA)

(ii) Lembaga Getah Malaysia (LGM)
Malaysian Rubber Board (MRB)

(iii) Lembaga Kemajuan Tanah Persekutuan (FELDA)
Federal Land Development Authority (FELDA)

(iv) Lembaga Penyatuan dan Pemulihan Tanah Persekutuan (FELCRA)
Federal Land Consolidation and Rehabilitation Authority (FELCRA)

(v) Lembaga Industri Getah Sabah (LIGS)
Sabah Rubber Industry Board (LIGS)

(vi) Jabatan Pertanian Sarawak (JPS)
Department of Agriculture Sarawak (JPS)

(vii) Lembaga Kemajuan Kelantan Selatan (KESEDAR)
(state land schemes)

Jadual 7.2: Keluasan bertanam getah di kebun kecil mengikut wilayah/negeri, 2015
Table 7.2: Rubber planted area in smallholdings by region/state, 2015

Hektar
Hectares

Wilayah/Negeri *Region/State*	**Jumlah** *Total*	**FELDA[a]**	**RISDA[b]**	**FELCRA[c]**	**Kebun kecil lain[d]** *Other smallholdings*
Jumlah *Total*	919,901	35,746	598,966	40,590	244,599
Semenanjung Malaysia *Peninsular Malaysia*	574,502	35,746	492,115	38,390	8,251
Sabah	104,033	-	25,111	2,200	76,722
Sarawak	241,366	-	81,740	-	159,626

Nota/*Notes:*

(a) Keluasan bertanam getah di bawah FELDA merujuk kepada jumlah keluasan getah sedia ada ditolak keluasan getah yang bertukar ke tanaman lain.
Rubber planted area under FELDA refers to the existing total rubber area less area converted to other crops.

(b) Keluasan bertanam getah di bawah RISDA merujuk kepada jumlah keluasan kawasan getah yang ditanam semula pertama kali, ditambah kawasan tanaman baru dan ditolak kawasan getah yang bertukar ke tanaman lain. Data tahun 2013 hingga 2016 dikemaskini berdasarkan Banci Pekebun Kecil Getah 2013.
Rubber planted area under RISDA refers to the total rubber area planted for the first time, add newly planted area, less area converted to other crops. Data 2013 to 2016 were revised based on Census of Rubber Smallholders 2013.

(c) Keluasan bertanam getah di bawah FELCRA merujuk kepada keluasan tanah yang disatukan dan dipulihkan untuk penanaman getah ditolak keluasan getah yang bertukar ke tanaman lain.
Rubber planted area under FELCRA refers to land area that was consolidated and rehabilitated for the planting of rubber less area converted to other crops.

(d) Hanya merujuk kepada kawasan bertanam getah di bawah KESEDAR, LIGS dan JPS.
Only refers to rubber planted area under KESEDAR, LIGS and JPS.

Sumber/*Source*:

(i) Pihak Berkuasa Kemajuan Pekebun Kecil Perusahaan Getah (RISDA)
Rubber Industry Smallholders Development Authority (RISDA)

(ii) Lembaga Getah Malaysia (LGM)
Malaysian Rubber Board (MRB)

(iii) Lembaga Kemajuan Tanah Persekutuan (FELDA)
Federal Land Development Authority (FELDA)

(iv) Lembaga Penyatuan dan Pemulihan Tanah Persekutuan (FELCRA)
Federal Land Consolidation and Rehabilitation Authority (FELCRA)

(v) Lembaga Industri Getah Sabah (LIGS)
Sabah Rubber Industry Board (LIGS)

(vi) Jabatan Pertanian Sarawak (JPS)
Department of Agriculture Sarawak (JPS)

Jadual 7.3: Keluasan tanam baru dan tanam semula getah di kebun kecil, 2007-2016
Table 7.3: Newly planted and replanted rubber areas in smallholdings, 2007-2016

Hektar
Hectares

Tahun *Year*	**Jumlah** *Total*	**Keluasan tanam baru** *Newly planted area*	**Keluasan tanam semula** *Replanted area*
2007	25,068	1,351	23,717
2008	28,777	3,093	25,684
2009	27,501	865	26,636
2010	35,674	2,241	33,433
2011	19,953	3,641	16,312
2012	53,676	16,303	37,373
2013	48,561	10,665	37,896
2014	51,367	11,478	39,889
2015	45,967	9,954	36,013
2016	46,080	16,109	29,971

Sumber/*Source* :
(i) Pihak Berkuasa Kemajuan Pekebun Kecil Perusahaan Getah (RISDA)
Rubber Industry Smallholders Development Authority (RISDA)

(ii) Lembaga Kemajuan Tanah Persekutuan (FELDA)
Federal Land Development Authority (FELDA)

(iii) Lembaga Penyatuan dan Pemulihan Tanah Persekutuan (FELCRA)
Federal Land Consolidation and Rehabilitation Authority (FELCRA)

(vi) Lembaga Industri Getah Sabah (LIGS)
Sabah Rubber Industry Board (LIGS)

(v) Jabatan Pertanian Sarawak (JPS)
Department of Agriculture Sarawak (JPS)

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SEKSYEN 8: IMPORT & EKSPORT

SECTION 8: IMPORTS & EXPORTS

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Jadual 8.1: Ringkasan import dan eksport getah asli, 2007-2016
Table 8.1: Summary of imports and exports of natural rubber, 2007-2016

Tahun *Year*	**Import** *Imports*		**Eksport** *Exports*	
	'000 Tan metrik/*Tonnes*	**RM Juta/***Million*	**'000 Tan metrik/***Tonnes*	**RM Juta/***Million*
2007	634.6	2,746	1,018.1	7,335.7
2008	521.9	3,490	915.5	8,111.3
2009	738.8	4,454	697.6	4,459.5
2010	706.3	5,771	900.8	9,210.1
2011	668.4	7,021	960.1	13,480.6
2012	872.6	7,704	771.2	7,864.0
2013	1,004.7	7,819	847.3	7,025.4
2014	905.0	5,831	721.7	4,574.3
2015	957.3	5,085	706.5	4,025.1
2016	930.3	4,829	641.9	3,614.4

Jadual 8.2: Import getah asli mengikut jenis dan negara asal, 2015
Table 8.2: Imports of natural rubber by type and country of origin, 2015

Tan metrik
Tonnes

Negara asal *Country of origin*	**Jumlah semua jenis** *Total of all types*	**Getah Asap Berbunga**[(a)] *Ribbed Smoked Sheets*	**Getah Berpiawaian** *Standard Rubber*	**Lateks**[(b)] *Latex*	**Getah keping basah dan skrap**[(c)] *Wet slabs and scrap*	**Jenis-jenis lain** *Other types*
Jumlah *Total*	**957,300**	**58,162**	**316,156**	**318,300**	**209,404**	**55,279**
Filipina/*Philippines*	66,115	732	5,344	-	39,725	20,314
India	3,795	59	3,433	-	303	
Indonesia Rep./*Indonesia Rep. of*	4,706	346	3,722	182	106	349
Kemboja/*Cambodia*	18,111	1,693	16,319	-	-	99
Myanmar/*Myanmar, Union of*	25,503	18,434	6,889	-	54	125
Thailand	506,452	15,497	28,811	317,619	114,845	29,680
Viet Nam, Rep. Sos./*Viet Nam, Soc. Rep. of*	188,531	20,904	162,110	470	2,012	3,035
Negara-negara lain/*Other countries*	144,088	497	89,528	29	52,359	1,675

Nota/*Notes:*

(a) Termasuk getah keping keringan angin.
Includes air dried sheets.

(b) Termasuk lateks pekat, revertex, dll.
Includes concentrated latex, revertex, etc.

(c) Termasuk getah gumpal dan keratan dari G.A.B. untuk dikilang semula.
Includes lump and R.S.S. clippings for remilling.

Jadual 8.3: Import mengikut jenis getah asli, 2007-2016
Table 8.3: Imports by type of natural rubber, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah semua jenis** *Total of all types*	**Getah Asap Berbunga**[a] *Ribbed Smoked Sheets*	**Getah Berpiawaian** *Standard Rubber*	**Lateks**[b] *Latex*	**Getah keping basah dan skrap**[c] *Wet slabs and scrap*	**Jenis-jenis lain** *Other grades*
2007	634.6	68.7	71.0	358.1	80.9	55.9
2008	521.9	37.5	68.0	341.2	53.5	21.7
2009	738.8	48.7	198.2	357.3	111.1	23.5
2010	706.3	46.3	164.1	371.9	91.7	32.2
2011	668.4	43.7	166.0	306.6	111.5	40.6
2012	872.6	45.0	301.4	331.2	164.2	30.8
2013	1,004.7	93.3	356.5	344.6	171.3	39.0
2014	905.0	77.9	335.5	315.7	127.2	48.7
2015	957.3	58.2	316.2	318.3	209.4	55.3
2016	930.3	45.3	265.9	318.4	269.5	31.2

Nota/*Notes:*

(a) Termasuk getah keping keringan angin.
Includes air dried sheets.

(b) Termasuk lateks pekat, revertex, dll.
Includes concentrated latex, revertex, etc.

(c) Termasuk getah gumpal dan keratan dari G.A.B. untuk dikilang semula.
Includes lump and R.S.S. clippings for remilling.

Jadual 8.4: Import getah asli mengikut negara asal, 2012-2016
Table 8.4: Imports of natural rubber by country of origin, 2012-2016

'000 Tan metrik
Tonnes

Negara asal *Country of origin*	**2012**	**2013**	**2014**	**2015**	**2016**
Jumlah *Total*	**872.6**	**1,004.7**	**905.0**	**957.3**	**930.3**
Filipina/*Philippines*	51.4	57.3	59.1	66.1	68.3
India	7.5	22.8	7.5	3.8	7.9
Indonesia Rep./*Indonesia Rep. of*	10.5	10.4	9.5	4.7	2.9
Kemboja/*Cambodia*	23.2	24.7	25.6	18.1	25.6
Myanmar/*Myanmar, Union of*	19.1	27.4	16.3	25.5	27.3
Thailand	498.6	515.3	441.1	506.5	503.9
Viet Nam, Rep. Sos./*Viet Nam, Soc. Rep. of*	168.2	231.2	229.9	188.5	121.1
Negara-negara lain/*Other countries*	93.9	115.6	116.0	144.1	173.3

Jadual 8.5: Eksport mengikut jenis getah asli dan negara yang dituju, 2015

Table 8.5: Exports by type of natural rubber and country of destination, 2015

Tan metrik
Tonnes

Negara yang dituju *Country of destination*	Jumlah semua jenis *Total of all types*	Getah Asap Berbunga[(a)] *Ribbed Smoked Sheets*	Lateks[(b)] *Latex*	Getah Mutu Malaysia *Standard Malaysian Rubber*	Jenis-jenis lain *Other types*
Jumlah *Total*	**706,501**	**5,825**	**31,904**	**665,862**	**2,910**
Afrika Selatan/*South Africa*	4,623	-	77	4,545	-
Amerika Syarikat/*United States of America*	35,729	-	632	34,892	205
Argentina	3,570	-	551	3,019	-
Belanda/*Netherlands*	3,996	-	102	3,797	97
Belarus	-	-	-	-	-
Belgium	2,384	-	478	1,798	108
Brazil	16,887	-	443	16,444	-
China, Rep. Rakyat/*China, People's Rep. of*	348,519	5,619	7,832	334,355	713
Finland	14,979	-	-	14,979	-
Greece	234	-	133	101	-
Hong Kong	183	-	162	21	-
Iran, Rep. Islam/*Iran, Islamic Rep. of*	39,657	-	376	39,281	-
Itali/*Italy*	5,740	-	3,749	1,991	-
Jepun/*Japan*	3,476	12	2,758	698	8
Jerman/*Germany*	90,135	-	714	88,775	646
Kanada/*Canada*	2,523	-	-	2,523	-
Korea, Rep./*Korea, Rep. of*	13,037	-	256	12,147	634
Mesir/*Egypt*	6,404	-	102	6,301	-
Mexico	7,451	-	214	7,237	-
Pakistan	2,917	-	1,969	948	-
Perancis/*France*	11,138	-	554	10,574	11
Poland	3,108	40	1,465	1,602	-
Portugal	12,272	-	55	12,217	-
Sepanyol/*Spain*	1,509	-	1,179	290	40
Singapura/*Singapore*	260	2	162	86	10
Sweden	667	-	465	201	-
Taiwan	11,430	-	1,399	10,006	25
Turki/*Turkey*	13,307	-	446	12,861	-
Ukraine	30	-	30	-	-
United Kingdom	5,545		838	4,649	58
Viet Nam	3,396	1	1,365	1,999	31
Yugoslavia, Rep. Per./*Yugoslavia, Fed. Rep. of*	-	-	-	-	-
Negara-negara lain/*Other countries*	41,397	150	3,399	37,523	325

Nota/*Notes:*

(a) Termasuk getah keping keringan angin.
Includes air dried sheets.

(b) Termasuk lateks pekat, revertex, dll.
Includes concentrated latex, revertex, etc.

Jadual 8.6: Eksport mengikut jenis getah asli, 2007-2016
Table 8.6: Exports by type of natural rubber, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah semua jenis** *Total of all types*	**Getah Asap Berbunga**[(a)] *Ribbed Smoked Sheets*	**Lateks krep** *Latex crepe*	**Krep pengalas tapak (putih & perang) dan potongan** *Sole crepe (white & brown) and cuttings*	**Krep nipis dikilang semula dan krep perang estet dan kompo** *Thin remilled crepe and estate brown and compo crepe*	**Krep (*blanket*) tebal dikilang semula**[(b)] *Thick remilled (blanket)crepe*	**Lateks**[(c)] *Latex*	**Getah Mutu Malaysia** *Standard Malaysian Rubber*	**Jenis-jenis lain** *Other types*
2007	1,018.1	4.6	0.5	*	*	-	57.1	952.0	3.8
2008	915.5	3.8	1.0	*	-	-	45.0	861.4	4.3
2009	697.6	1.4	-	-	-	*	38.2	655.1	2.8
2010	900.8	11.0	0.1	-	-	-	47.7	838.4	3.5
2011	960.1	3.6	*	-	-	-	41.6	912.4	2.5
2012	771.2	7.7	*	-	-	-	31.7	728.5	3.3
2013	847.3	13.5	0.0	-	-	-	33.5	792.9	7.3
2014	721.7	8.3	0.1	-	-	-	32.4	675.1	6.0
2015	706.5	5.8	*	-	-	-	31.9	665.9	2.9
2016	641.9	1.6	*	-	-	-	30.4	607.8	2.2

Nota/*Notes:*

(a) Termasuk getah keping keringan angin.
Includes air dried sheets.
(b) Termasuk krep kulit rata.
Includes flat bark crepe.
(c) Termasuk lateks pekat, revertex, dll.
Includes concentrated latex, revertex, etc.

Jadual 8.7: Eksport getah asli mengikut negara yang dituju, 2012-2016
Table 8.7: Exports of natural rubber by country of destination, 2012-2016

Negara yang dituju *Country of destination*	2012		2013		2014		2015		2016	
	Tan metrik *Tonnes*		Tan metrik *Tonnes*		Tan metrik *Tonnes*		Tan metrik *Tonnes*		Tan metrik *Tonnes*	
	'000	%	'000	%	'000	%	'000	%	'000	%
Jumlah *Total*	**771.2**	**100**	**847.3**	**100**	**721.7**	**100**	**706.5**	**100**	**641.9**	**100**
Afrika Selatan/*South Africa*	14.1	1.8	12.4	1.5	8.8	1.2	4.6	0.7	4.5	0.7
Amerika Syarikat/*United States of America*	33.2	4.3	35.6	4.2	38.8	5.4	35.7	5.1	23.4	3.6
Argentina	5.6	0.7	5.4	0.6	3.2	0.4	3.6	0.5	2.9	0.4
Belanda/*Netherlands*	10.9	1.4	5.2	0.6	3.6	0.5	4.0	0.6	3.6	0.6
Belarus	2.3	0.3	0.4	0.1	-	-	-	-	0.4	0.1
Belgium	12.4	1.6	9.6	1.1	4.3	0.6	2.4	0.3	3.6	0.6
Brazil	22.7	2.9	28.9	3.4	18.5	2.6	16.9	2.4	12.4	1.9
China, Rep. Rakyat/*China, People's Rep. of*	306.5	39.7	392.1	46.3	331.3	45.9	348.5	49.3	300.5	46.8
Finland	15.4	2.0	17.7	2.1	12.4	1.7	15.0	2.1	17.1	2.7
Greece	0.2	0.0	0.2	0.0	0.4	0.1	0.2	0.0	0.2	0.0
Hong Kong	0.5	0.1	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0
Iran, Rep. Islam/*Iran, Islamic Rep. of*	32.7	4.2	0.0	-	40.5	5.6	39.7	5.6	43.8	6.8
Itali/*Italy*	9.0	1.2	9.0	1.1	8.6	1.2	5.7	0.8	7.4	1.2
Jepun/*Japan*	4.9	0.6	4.7	0.6	5.4	0.7	3.5	0.5	3.6	0.6
Jerman/*Germany*	111.9	14.5	103.8	12.3	100.8	14.0	90.1	12.8	85.2	13.3
Kanada/*Canada*	4.3	0.6	6.0	0.7	2.1	0.3	2.5	0.4	1.9	0.3
Korea, Rep/*Korea, Rep. of*	31.6	4.1	25.5	3.0	18.0	2.5	13.0	1.8	12.9	2.0
Mesir/*Egypt*	6.4	0.8	6.3	0.7	6.2	0.9	6.4	0.9	5.5	0.9
Mexico	11.2	1.5	12.1	1.4	9.8	1.4	7.5	1.1	6.6	1.0
Pakistan	2.7	0.4	2.7	0.3	2.5	0.3	2.9	0.4	2.8	0.4
Perancis/*France*	12.1	1.6	11.7	1.4	9.9	1.4	11.1	1.6	9.1	1.4
Poland	2.9	0.4	2.9	0.3	4.7	0.7	3.1	0.4	2.7	0.4
Portugal	18.5	2.4	14.2	1.7	14.8	2.1	12.3	1.7	9.6	1.5
Sepanyol/*Spain*	1.2	0.2	2.6	0.3	2.9	0.4	1.5	0.2	2.2	0.3
Singapura/*Singapore*	0.4	0.1	0.2	0.0	0.2	0.0	0.3	0.0	0.2	0.0
Sweden	1.0	0.1	1.1	0.1	1.0	0.1	0.7	0.1	1.1	0.2
Taiwan	10.4	1.4	11.5	1.4	9.6	1.3	11.4	1.6	11.3	1.8
Turki/*Turkey*	15.8	2.0	14.0	1.6	13.0	1.8	13.3	1.9	14.3	2.2
Ukraine	1.5	0.2	0.4	0.0	0.9	0.1	0.0	0.0	0.3	0.0
United Kingdom	11.7	1.5	8.8	1.0	6.1	0.9	5.5	0.8	5.7	0.9
Viet Nam	1.7	0.2	54.6	6.4	2.3	0.3	3.4	0.5	3.9	0.6
Yugoslavia, Rep. Per./*Yugoslavia, Fed. Rep. of*	-	-	0.0	-	-	-	-	-	-	-
Negara-negara lain/*Other countries*	55.5	7.2	47.2	5.6	41.0	5.7	41.4	5.9	43.0	6.7

Jadual 8.8: Eksport lateks mengikut negara yang dituju, 2012-2016
Table 8.8: Exports of latex by country of destination, 2012-2016

Negara yang dituju *Country of destination*	**2012**		**2013**		**2014**		**2015**		**2016**	
	Tan metrik *Tonnes* **'000**	**%**	**Tan metrik** *Tonnes* **'000**	**%**	**Tan metrik** *Tonnes* **'000**	**%**	**Tan metrik** *Tonnes* **'000**	**%**	**Tan metrik** *Tonnes* **'000**	**%**
Jumlah *Total*	**31.7**	**100**	**33.5**	**100**	**32.4**	**100**	**31.9**	**100**	**30.4**	**100**
Amerika Syarikat/*United States of America*	0.7	2.2	0.5	1.6	0.3	0.9	0.6	2.0	0.9	3.0
Argentina	0.3	0.9	0.2	0.7	0.4	1.1	0.6	1.7	0.4	1.4
Australia	0.1	0.3	0.1	0.3	0.1	0.3	0.1	0.4	0.1	0.3
Belanda/*Netherlands*	0.1	0.4	0.1	0.3	0.1	0.3	0.1	0.3	0.3	1.0
Itali/*Italy*	3.4	10.7	3.9	11.6	4.1	12.7	3.7	11.8	3.8	12.7
Jepun/*Japan*	3.4	10.8	3.3	9.7	4.0	12.4	2.8	8.6	2.7	9.0
Jerman/*Germany*	0.8	2.7	1.2	3.6	1.0	3.1	0.7	2.2	0.8	2.6
Korea, Rep./*Korea, Rep. of*	0.3	0.9	0.2	0.6	0.3	1.0	0.3	0.8	0.3	0.9
Perancis/*France*	0.2	0.8	0.3	0.9	0.4	1.4	0.6	1.7	0.5	1.6
Poland	1.1	3.6	1.0	3.1	1.3	4.0	1.5	4.6	1.2	4.1
Portugis/*Portugal*	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.2	0.0	0.1
Rusia, Per./*Russian, Fed.*	0.9	2.7	0.8	2.5	0.9	2.9	0.7	2.3	0.6	2.0
Singapura/*Singapore*	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.5	0.1	0.4
Sepanyol/*Spain*	0.8	2.4	0.6	1.9	0.8	2.6	1.2	3.7	1.5	5.0
Taiwan	1.5	4.7	1.6	4.6	1.4	4.5	1.4	4.4	1.4	4.5
United Kingdom	0.7	2.3	0.5	1.6	0.7	2.1	0.8	2.6	0.6	2.0
Negara-negara lain/*Other countries*	17.3	54.6	19.0	56.7	16.3	50.3	16.6	52.1	15.1	49.6

Jadual 8.9: Eksport lateks mengikut jenis, 2007-2016
Table 8.9: Exports of latex by type, 2007-2016

Tan metrik
Tonnes

Tahun *Year*	**Jumlah** *Total*	**Lateks di ladang** *Field latex*	**Lateks pekat** *Latex concentrate*		
			Dadih pekat *Creamed concentrate*	**Emparan pekat** *Centrifuged concentrate*	**Dipekatkan dengan cara lain** *Concentrated by other methods*
2007	57,122	1,479	4,898	39,431	11,314
2008	44,960	818	3,373	29,978	10,791
2009	38,158	240	346	29,828	7,744
2010	47,711	232	803	33,373	13,303
2011	41,586	280	117	29,320	11,869
2012	31,748	441	274	10,016	21,016
2013	33,538	2,051	1,051	16,386	14,051
2014	32,370	1,983	1,973	15,533	12,880
2015	31,904	2,294	1,354	16,716	11,540
2016	30,375	2,919	480	15,893	11,083

Jadual 8.10: Eksport Getah Mutu Malaysia (G.M.M.) mengikut gred, 2007-2016
Table 8.10: Exports of Standard Malaysian Rubber (S.M.R.) by grade, 2007-2016

Tan metrik
Tonnes

Tahun *Year*	**Jumlah** *Total*	**Getah Mutu Malaysia (G.M.M.)** *Standard Malaysian Rubber (S.M.R.)*						
		G.M.M. *S.M.R.* **L**	**G.M.M.** *S.M.R.* **5**	**G.M.M.** *S.M.R.* **10**	**G.M.M.** *S.M.R.* **20**	**G.M.M.** *S.M.R.* **GP**	**G.M.M.** *S.M.R.* **CV**	**Gred-gred lain** *Other grades*
2007	951,995	4,128	66,083	311,321	417,281	82,567	12,938	57,677
2008	861,424	3,133	39,909	307,293	409,620	76,257	10,610	14,602
2009	655,101	2,344	6,691	205,954	364,754	61,755	7,454	6,149
2010	838,382	2,206	6,013	239,819	491,428	75,359	9,000	14,557
2011	912,448	2,075	8,655	272,140	530,260	68,406	6,298	24,615
2012	728,473	1,889	8,434	249,724	387,635	52,845	5,134	22,812
2013	792,900	2,266	7,187	237,310	451,198	35,632	9,994	49,313
2014	675,100	2,276	5,106	211,631	381,916	31,031	11,467	31,673
2015	665,854	2,153	2,652	189,158	418,270	30,891	9,829	12,900
2016	607,754	1,740	3,054	188,419	371,183	31,473	8,019	3,865

SEKSYEN 9: PENGGUNAAN DOMESTIK GETAH ASLI

SECTION 9: DOMESTIC CONSUMPTION OF NATURAL RUBBER

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Jadual 9.1: Penggunaan domestik getah asli mengikut industri/keluaran barangan akhir, 2007-2016
Table 9.1: Domestic consumption of natural rubber by industry/end product, 2007-2016

Tan metrik
Tonnes

Tahun *Year*	**Industri tayar dan tiub** *Tyres and tubes industry*	**Membuat kasut getah** *Manufacture of rubber footwear*	**Membuat produk getah lain, t.t.t.l.** *Manufacture of other rubber products, n.e.c.*								**Semua industri pembuatan lain yang menggunakan getah asli** [(a)] *All other manufacturing industries consuming natural rubber*	**Jumlah** *Total*
			Campuran getah *Rubber compounds*	**Gelang getah** *Rubber bands*	**Kepingan getah** *Rubber sheeting*	**Produk lateks** *Latex products*				**Produk getah lain** *Other rubber products*		
						Sarung tangan getah *Rubber gloves*	**Benang getah** *Rubber thread*	**Foam**	**Produk lateks lain** *Other latex products*			
2007	52,579	560	1,118	2,256	2,509	285,420	60,533	4,471	16,905	18,927	4,968	450,246
2008	49,694	478	1,297	2,290	3,870	307,609	51,116	3,891	23,894	19,597	5,158	468,894
2009	37,063	494	962	1,843	3,837	316,711	57,961	2,597	22,330	19,845	5,063	468,706
2010	38,810	614	1,958	2,530	3,905	314,159	47,759	3,705	24,675	14,314	5,425	457,854
2011	31,602	671	1,436	2,334	4,356	273,129	44,160	3,358	23,663	11,679	5,690	402,078
2012	30,191	864	1,870	2,274	4,600	299,058	41,457	4,296	25,220	11,921	5,892	427,643
2013	28,922	885	1,674	2,429	3,768	304,107	41,170	4,456	29,475	11,679	5,627	434,192
2014	30,702	601	1,383	2,505	4,629	319,539	35,769	5,350	28,997	11,584	6,422	447,481
2015	37,059	522	1,487	2,393	4,390	349,031	39,756	6,162	17,071	11,248	5,654	474,773
2016	38,962	623	1,480	2,509	3,925	359,511	39,985	6,382	16,429	11,272	5,054	486,132

Nota/*Notes* :

(a) Semua industri pembuatan lain yang menggunakan getah asli termasuk industri membuat tali-temali, tali dan pintal, membuat keluaran pulpa, kertas dan kertas tebal, t.t.t.l.; membuat keluaran-keluaran kimia, t.t.t.l.; membuat keluaran-keluaran plastik, t.t.t.l.; bengkel-bengkel membuat kabel dan dawai, membuat bahagian pengganti kereta motor dan kelengkapannya, membuat dan memasang basikal, basikal roda tiga dan beca.

All other manufacturing industries consuming natural rubber includes cordage, rope and twine industires, manufacture of pulp, paper and paperboard articles, n.e.c.; manufacture of chemical products, n.e.c.; manufacture of plastic products, n.e.c.; foundries of cables and wires, manufacture of motor vehicle parts and accessories, manufacture and assembly of bicycles, tricycles and trishaws.

Jadual 9.2: Penggunaan domestik bulanan getah asli mengikut industri/keluaran barangan akhir, 2015
Table 9.2: Monthly domestic consumption of natural rubber by industry/end product, 2015

Tan metrik
Tonnes

Bulan *Month*	**Industri tayar dan tiub** *Tyres and tubes industry*	**Membuat kasut getah** *Manufacture of rubber footwear*	**Membuat keluaran barangan getah lain, t.t.t.l.** *Manufacture of other rubber products, n.e.c.*								**Semua industri pembuatan lain yang menggunakan getah asli[a]** *All other manufacturing industries consuming natural rubber*	**Jumlah** *Total*
			Campuran getah *Rubber compounds*	**Gelang getah** *Rubber bands*	**Kepingan getah** *Rubber sheeting*	**Produk lateks** *Latex products*				**Produk getah lain** *Other rubber products*		
						Sarung tangan getah *Rubber gloves*	**Benang getah** *Rubber thread*	**Foam**	**Produk lateks lain** *Other latex products products*			
Januari/*January*	3,011	39	112	194	481	27,488	3,320	475	1,515	1,002	482	38,119
Februari/*February*	2,411	52	100	86	411	26,524	3,132	441	1,160	841	406	35,564
Mac/*March*	3,211	32	144	189	419	27,585	3,321	609	1,383	940	497	38,330
April	3,248	64	122	246	169	29,519	3,041	535	1,421	917	488	39,770
Mei/*May*	2,972	43	113	202	350	28,622	3,551	574	1,348	926	492	39,193
Jun/*June*	3,187	46	102	194	418	29,762	3,772	488	1,375	932	497	40,773
Julai/*July*	2,866	38	142	162	282	30,141	4,008	518	1,288	976	455	40,876
Ogos/*August*	3,265	49	151	206	507	30,244	3,126	506	1,296	1,017	510	40,877
September	3,112	58	125	187	442	28,095	2,984	500	1,752	968	456	38,679
Oktober/*October*	3,475	37	136	241	427	30,700	3,060	502	1,674	1,012	487	41,751
November	3,186	27	118	263	306	29,726	2,901	467	1,221	854	398	39,467
Disember/*December*	3,115	37	122	223	178	30,625	3,540	547	1,638	863	486	41,374

Nota/*Note* :

(a) Semua industri pembuatan lain yang menggunakan getah asli termasuk industri membuat tali-temali, tali dan pintal, membuat keluaran pulpa, kertas dan kertas tebal, t.t.t.l.; membuat keluaran-keluaran kimia, t.t.t.l.; membuat keluaran-keluaran plastik, t.t.t.l.; bengkel-bengkel membuat kabel dan dawai, membuat bahagian pengganti kereta motor dan kelengkapannya, membuat dan memasang basikal, basikal roda tiga dan beca.

All other manufacturing industries consuming natural rubber includes cordage, rope and twine industires, manufacture of pulp, paper and paperboard articles, n.e.c.; manufacture of chemical products, n.e.c.; manufacture of plastic products, n.e.c.; foundries of cables and wires, manufacture of motor vehicle parts and accessories, manufacture and assembly of bicycles, tricycles and trishaws.

SEKSYEN 10: STOK

SECTION 10: STOCKS

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Jadual 10.1: Stok getah asli di estet dan pelesen, 2007-2016
Table 10.1: Stocks of natural rubber held by estates and licensees, 2007-2016

Tan metrik
Tonnes

Tahun *Year*	**Jumlah** *Total*	**Estet** *Estates*	**Pelesen**[(a)] *Licensees*
Stok seperti pada 31 Disember: *Stocks as at 31 December:*			
2007	153,282	415	152,867
2008	156,393	322	156,071
2009	161,222	313	160,909
2010	142,448	155	142,293
2011	143,398	186	143,212
2012	169,061	244	168,817
2013	167,932	337	167,595
2014	141,894	439	141,455
2015	177,743	579	177,164
2016	203,490	150	203,340

Nota/*Notes:*

(a) Stok pelesen adalah merujuk kepada stok dari kilang pemproses dan pengguna getah.
Stocks from licencees refers to stocks from the processors and consumers of rubber factories.

Jadual 10.2: Stok getah pada akhir bulan di estet dan pelesen, 2015
Table 10.2: Stocks of rubber held at the end of the month by estates and licensees, 2015

Tan metrik
Tonnes

	Jumlah *Total*	**Estet** *Estates*	**Pelesen**[(a)] *Licensees*
Purata sebulan *Average per month*	**177,743**	**579**	**177,164**
Januari/*January*	186,579	462	186,117
Februari/*February*	206,443	497	205,947
Mac/*March*	206,998	414	206,584
April	176,334	446	175,888
Mei/*May*	130,507	487	130,020
Jun/*June*	129,587	461	129,126
Julai/*July*	127,938	472	127,466
Ogos/*August*	129,414	527	128,887
September	137,176	398	136,778
Oktober/*October*	147,867	487	147,381
November	144,477	530	143,948
Disember/*December*	177,743	579	177,164

Nota/*Notes:*

(a) Stok pelesen adalah merujuk kepada stok dari kilang pemproses dan pengguna getah.
Stocks from licencees refers to stocks from the processors and consumers of rubber factories.

SEKSYEN 11: HARGA

SECTION 11: PRICES

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Jadual 11.1: Harga purata Getah Mutu Malaysia[(a)] mengikut gred terpilih, 2012-2016
Table 11.1: Average prices of Standard Malaysian Rubber by selected grades, 2012-2016

Sen/kilogram
kilogramme

Tahun *Year*	**Bulan** *Month*	**G.M.M. CV** *S.M.R. CV*	**G.M.M. L** *S.M.R. L*	**G.M.M. 5** *S.M.R. 5*	**G.M.M. GP** *S.M.R. GP*	**G.M.M. 10** *S.M.R. 10*	**G.M.M. 20** *S.M.R. 20*
2012		1,087.98	1,045.54	974.05	971.05	954.50	952.50
2013		919.07	831.66	794.47	791.47	776.68	774.68
2014		730.01	675.07	565.14	562.14	555.14	553.14
2015		691.57	653.40	533.90	530.90	523.90	521.90
2016		716.59	679.63	580.45	577.45	570.45	568.45
	Januari/*January*	553.71	530.45	478.89	475.89	468.89	466.89
	Februari/*February*	562.31	534.00	466.03	463.03	456.03	454.03
	Mac/*March*	625.80	593.16	528.98	525.98	518.98	516.98
	April	754.60	707.33	584.43	581.43	574.43	572.43
	Mei/*May*	738.26	697.40	554.98	551.98	544.98	542.98
	Jun/*June*	714.69	679.07	522.62	519.62	512.62	510.62
	Julai/*July*	709.53	672.00	519.78	516.78	509.78	507.78
	Ogos/*August*	696.05	656.89	527.00	524.00	517.00	515.00
	September	705.88	669.28	562.98	559.98	552.98	550.98
	Oktober/*October*	725.30	685.78	621.48	618.48	611.48	609.48
	November	827.82	787.95	724.16	721.16	714.16	712.16
	Disember/*December*	958.00	917.33	851.55	848.55	841.55	839.55

Nota/*Note* :

(a) f.o.b. dalam bendela (pelabuhan terbuka)
f.o.b. in bales (open port)

Sumber/*Source* :

Lembaga Getah Malaysia (LGM)
Malaysian Rubber Board (MRB)

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SEKSYEN 12: PERANGKAAN DUNIA
(GETAH ASLI DAN TIRUAN)

SECTION 12: WORLD STATISTICS
(NATURAL AND SYNTHETIC RUBBER)

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Jadual 12.1: Keluasan bertanam getah di beberapa negara utama
Table 12.1: Rubber planted area in major countries

'000 Hektar
Hectares

Negara *Country*	**Tahun** *Year*	**Jumlah Keluasan(Anggaran)[(a)]** *Total Area(Estimates)*	**Estet** *Estates*	**Kebun Kecil** *Smallholdings*
Bangladesh	**2009**	40.8	13.1	27.7
Brazil	**2015**	149.8	..	..
Cameroon	**2012**	43.7	..	..
China	**2016**	1,159.0	..	..
Cote' d'Ivoire	**2016**	537.3	50.1	470.9
D.R. of Congo	**1999**	35.0	25.0	10.0
Filipina/*Philippines*	**2016**	234.3	..	..
Gabon	**2013**	11.5	10.0	1.5
Ghana	**2015**	58.0	15.1	..
Guatemala	**2015**	90.0	81.5	8.5
India	**2016**	827.0		
Indonesia	**2016**	3,639.0	..	..
Kemboja/*Cambodia*	**2016**	400.0	..	..
Liberia	**1999**	108.9	60.4	48.5
Malaysia	**2016**	1,076.4		
Mexico	**2010**	14.0	..	..
Myanmar	**2015**	650.8	..	..
Nigeria	**2011**	182.0	61.0	121.0
Papua New Guinea	**2007**	24.5	3.3	21.2
Sri Lanka	**2016**	135.4	..	..
Thailand	**2016**	3,130.0	..	..
Viet Nam	**2016**	972.0	..	..

Nota/*Note* :

(a) Data tentang kawasan yang ditanam dengan getah telah disediakan oleh Jabatan yang berkenaan atau diambil daripada sumber-sumber rasmi. Secara am, kawasan estet di Malaysia merujuk kepada kebun seluas 40 hektar (100 ekar) atau lebih, walaupun pembahagian di antara estet dan kebun kecil tidak jelas sepenuhnya dalam beberapa perkara.
Data on the area planted with rubber has been provided by the relevant Departments or have been extracted from official sources. In general, the estates area in Malaysia refers to holdings of 40 hectares (100 acres) or more, although the division between estates and smallholdings is not entirely clear-cut in some cases.

Sumber/*Source*:
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.2: Anggaran pengeluaran, penggunaan dan stok getah asli dan getah tiruan dunia, 2007-2016
Table 12.2: Estimated world production, consumption and stocks of natural and synthetic rubber, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Getah asli** *Natural rubber*				**Getah tiruan** *Synthetic rubber*			
	Pengeluaran *Production*	**Penggunaan** *Consumption*	**Pengeluaran lebih (+) atau kurang (-) dibanding dengan penggunaan** *Excess (+) or deficit (-) of production compared with consumption*	**Stok yang dianggarkan** *Estimated stocks*	**Pengeluaran** *Production*	**Penggunaan** *Consumption*	**Pengeluaran lebih (+) atau kurang (-) dibanding dengan penggunaan** *Excess (+) or deficit (-) of production compared with consumption*	**Stok yang dianggarkan** *Estimated stocks*
2007	9,890	10,138	- 248	1,567	13,347	12,576	+ 771	2,942
2008	10,128	10,187	- 59	1,520	12,711	12,173	+ 538	2,905
2009	9,690	9,289	+ 401	1,880	12,385	11,228	+ 1,157	3,042
2010	10,403	10,759	- 356	1,558	13,277	13,225	- 4	3,275
2011	11,239	11,034	+ 205	1,763	14,091	13,856	+ 235	3,510
2012	11,658	11,046	+ 612	2,375	14,042	13,964	+ 78	3,588
2013	12,281	11,430	+ 851	3,226	14,184	14,164	+ 20	3,624
2014	12,142	12,181	+ 39	3,181	14,072	14,267	- 88	3,535
2015	12,274	12,146	+ 128	3,312	14,473	14,561	- 101	3,431
2016	12,295	9,449	- 558	2,754	14,563	10,900	+ 3,663	3,462

Jadual 12.3: Pengeluaran getah asli di negara pengeluar utama, 2007-2016
Table 12.3: Production of natural rubber in major producing countries, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah pengeluaran dunia**[(a)] *World total production*	**Jumlah Asia & Oceania** *Total Asia & Oceania*	**India**	**Indonesia**	**Kemboja** *Cambodia*	**Malaysia**	**Sri Lanka**	**Thailand**	**Viet Nam**	**Negara lain di Asia & Oceana** *Rest of Asia & Oceania*	**Negara lain di dunia** *Rest of the world*
2007	9,890	8,897.2	811.1	2,275.2	33.0	1,199.6	117.5	3,056.0	605.8	799.0	687.8
2008	10,128	9,399.3	881.3	2,751.0	37.1	1,072.4	129.2	3,089.8	660.0	778.5	693.7
2009	9,690	9,042.6	820.3	2,440.0	34.4	857.0	137.0	3,164.4	711.3	878.2	675.4
2010	10,406	9,634.6	850.8	2,736.0	42.2	939.2	153.0	3,252.1	751.7	909.6	730.6
2011	10,977	10,253.0	892.7	2,982.0	51.3	996.2	157.8	3,393.8	811.6	967.6	745.0
2012	11,658	10,842.2	919.0	3,012.0	64.5	922.8	152.0	3,778.0	877.1	1,116.8	815.8
2013	12,281	11,374.1	796.0	3,237.0	85.2	826.4	130.5	4,170.0	949.1	1,179.9	906.9
2014	12,142	11,234.4	704.5	3,153.2	97.1	668.5	103.8	4,324.0	953.7	1,229.6	907.6
2015	12,274	11,338.8	575.0	3,145.4	126.8	722.1	88.6	4,473.3	1,017.0	1,190.6	935.2
2016	12,295	10,912.8	620.0	3,157.8	148.6	673.5	79.5	4,409.0	1,032.1	792.3	1,382.2

Nota/*Note* :

(a) Jumlah pengeluaran dunia berkemungkinan termasuk perbezaan yang terdapat di dalam laporan perangkaan rasmi.
World total production may include discrepancies in officially reported statistics.

Sumber/*Source***:**
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.4: Eksport kasar getah asli mengikut negara pengeluar utama, 2007-2016
Table 12.4: Gross exports of natural rubber by major producing countries, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah eksport kasar**[(a)] *Total exports*	**Indonesia**	**Kemboja** *Cambodia*	**Malaysia**	**Sri Lanka**	**Thailand**	**Viet Nam**	**Asia lain** *Other Asia*	**Negara-negara Afrika** *African countries*	**Bahagian dunia yang lain** *Rest of the world*
2007	7,768	2,415.7	24.8	1,212.9	49.5	2,703.8	715.6	139.8	437.5	68.7
2008	7,543	2,297.3	14.5	1,154.5	46.2	2,675.3	658.7	191.3	431.8	73.4
2009	7,317	2,061.3	36.4	1,087.7	53.7	2,726.2	730.7	121.5	421.8	77.6
2010	8,047	2,368.7	42.6	1,245.4	49.7	2,866.4	782.2	174.0	441.8	76.3
2011	8,429	2,565.8	44.7	1,239.5	42.2	2,981.8	816.6	192.4	457.5	88.1
2012	8,871	2,524.9	59.9	1,290.9	36.6	3,174.9	1,023.2	188.7	484.1	87.6
2013	9,887	2,770.2	86.1	1,331.6	23.3	3,751.7	1,076.2	238.4	521.3	88.2
2014	9,676	2,661.7	100.1	1,192.4	15.9	3,728.8	1,066.1	263.2	556.2	91.1
2015	9,772	2,679.7	128.0	1,119.4	10.4	3,775.5	1,137.8	254.9	580.5	86.0
2016	9,960	2,644.2	145.3	999.3	15.7	3,921.8	1,253.0	270.5	628.6	81.4

Nota/*Note* :

(a) Jumlah eksport kasar berkemungkinan termasuk perbezaan yang terdapat di dalam laporan perangkaan rasmi.
Total gross exports may include discrepancies in officially reported statistics.

Sumber/*Source***:**
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.5: Import kasar getah asli mengikut negara pengguna utama, 2007-2016
Table 12.5: Gross imports of natural rubber by major consuming countries, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah import kasar** [(a)] *Total gross*	**Amerika Latin** *Latin America*	**Amerika Syarikat** *U.S.A.*	**China**	**Malaysia**	**Itali** *Italy*	**Jepun** *Japan*	**Jerman** *Germany*	**Kanada** *Canada*	**Perancis** *France*	**Republik Korea** *Republic of Korea*	**United Kingdom**	**Asia lain** *Other Asia*
2007	7,190	390.9	1,028.5	2,287.9	605.1	159.7	849.9	330.3	143.7	243.0	378.0	103.1	670.1
2008	7,033	393.1	1,052.3	2,407.9	522.8	144.6	849.9	281.5	142.5	222.5	359.1	90.1	566.5
2009	6,731	288.6	704.8	2,857.2	738.7	95.0	596.8	239.4	105.9	137.4	332.1	52.9	582.0
2010	7,613	412.8	931.3	2,888.3	706.3	117.9	747.2	391.9	150.3	176.2	387.7	70.9	631.9
2011	7,902	378.9	1,048.6	3,048.9	667.4	132.2	785.3	411.5	148.0	197.0	402.1	83.9	598.1
2012	8,385	360.1	968.9	3,425.9	871.4	106.6	700.1	355.8	143.5	167.9	397.3	60.0	827.8
2013	9,089	388.9	927.3	3,975.1	1,004.6	111.9	721.7	362.0	131.7	163.1	396.3	58.3	848.4
2014	9,262	398.3	946.0	4,096.1	923.9	119.7	689.4	386.8	129.6	157.1	403.3	62.2	949.1
2015	9,454	385.9	952.0	4,247.8	955.3	127.8	681.9	364.6	132.5	164.4	388.4	55.5	998.3
2016	9,784	393.9	946.1	4,558.6	925.0	130.5	659.7	328.6	121.3	162.7	382.6	44.0	1,130.7

Nota/*Note* :

(a) Jumlah import kasar berkemungkinan termasuk perbezaan yang terdapat di dalam laporan perangkaan rasmi.
Total gross imports may include discrepancies in officially reported statistics.

Sumber/*Source*:
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.6: Penggunaan getah asli di negara pengguna utama, 2007-2016
Table 12.6: Consumption of natural rubber in major consuming countries, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah besar dunia**[a] *World grand total*	**Amerika Syarikat** *U.S.A.*	**China**	**C.I.S.**[b]	**India**	**Itali** *Italy*	**Jepun** *Japan*	**Jerman** *Germany*	**Malaysia**	**Perancis** *France*	**Republik Korea** *Republic of Korea*	**United Kingdom**	**Eropah lain** *Other Europe*	**Negara-negara lain** *Other countries*
2007	10,138	1,018.4	2,842.7	77.8	850.7	145.0	887.4	281.7	450.2	220.1	377.3	90.8	647.2	2,248.3
2008	10,187	1,041.0	2,946.8	68.2	880.8	134.3	877.9	246.9	469.0	199.6	358.2	76.8	588.5	2,299.2
2009	9,289	687.1	3,306.4	54.0	904.7	89.4	635.6	174.6	469.8	108.9	330.1	43.5	444.1	2,040.7
2010	10,759	925.5	3,621.6	78.8	944.3	110.0	749.4	291.3	457.8	136.1	384.0	57.4	541.9	2,460.5
2011	11,034	1,029.3	3,637.9	90.5	957.4	115.3	772.2	276.1	402.2	163.2	401.5	66.9	620.9	2,500.4
2012	11,046	949.5	3,890.0	111.6	987.7	93.2	728.0	237.7	441.4	139.9	396.3	44.9	560.5	2,465.1
2013	11,430	913.0	4,270.0	110.3	961.6	95.6	710.0	246.5	434.1	123.1	396.0	29.6	565.2	2,574.9
2014	12,181	932.1	4,804.0	99.4	1,014.8	104.1	709.0	227.4	447.3	123.4	402.1	33.6	650.5	2,633.3
2015	12,146	936.5	4,680.0	108.9	987.0	118.7	691.0	219.3	474.7	130.4	387.7	32.2	657.9	2,722.2
2016	12,511	932.0	4,798.2	119.4	1,034.3	128.7	677.0	227.5	493.5	127.6	381.3	33.5	667.9	2,889.7

Nota/*Notes* :

(a) Jumlah besar berkemungkinan termasuk perbezaan yang terdapat di dalam laporan perangkaan rasmi.
Grand total may include discrepancies in officially reported statistics.

(b) Ahli-ahli Komanwel Negara-negara Merdeka (C.I.S) ialah Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyztan, Moldova, Rusia, Tajakistan, Ukraine dan Uzbekistan.
Members of Commonwealth of Independent States (C.I.S) are Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyztan, Moldova, Rusia, Tajakistan, Ukraine and Uzbekistan.

Sumber/*Source***:**
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.7: Stok getah asli di negara pengeluar dan pengguna utama seperti pada 31 Disember, 2007-2016
Table 12.7: Stocks of natural rubber in major producing and consuming countries as at 31 December, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**
Negara-negara pengeluar getah asli *Natural rubber producing countries*										
Malaysia	153.3	156.4	161.2	142.4	143.4	169.1	167.9	141.9	177.7	203.5
India	191.0	208.0	270.0	315.0	262.0	290.0	272.0	225.0	240.0	260.0
China	91.0	69.0	142.0	67.0	33.0	98.0	174.0	154.0	249.0	292.0
Thailand	230.0	252.0	294.0	227.0	361.0	516.0	503.0	517.0	643.0	525.0
Negara-negara pengeluar lain *Other producing countries*	..	..	..	..	..	.. ..	.. ..	.. ..	.. ..	..
Negara-negara pengguna getah asli *Natural rubber consuming countries*										
Amerika Syarikat *United States of America*	..	..	..	..	..	..	..	..	..	..
Brazil	..	..	..	..	..	..	..	..	..	..
Jepun *Japan*	20.0	48.0	39.0	38.0	67.0	31.0	50.0	48.0	40.0	22.0

Sumber/*Source***:**
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.8: Penggunaan susu getah asli di negara pengguna utama, 2007-2016
Table 12.8: Consumption of natural rubber latex in major consuming countries, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah** *Total*	**Amerika Syarikat** *U.S.A.*	**China**	**India**	**Jepun** *Japan*	**Jerman** *Germany*	**Malaysia**	**Perancis** *France*	**Republik Korea** *Republic of Korea*	**Taiwan**	**United Kingdom**	**Negara-negara-lain** *Other countries*
2007	1,385	85.9	276.0	77.3	7.8	62.1	370.3	5.6	23.3	4.9	12.0	459.5
2008	1,289	89.2	272.0	79.7	10.4	41.2	378.8	10.3	21.0	4.8	11.7	369.4
2009	1,344	66.6	323.0	83.0	12.2	37.3	405.4	4.9	20.9	4.6	10.5	375.5
2010	1,306	47.8	301.0	80.2	15.5	20.4	389.3	4.3	21.1	4.5	11.4	410.9
2011	1,330	45.5	322.0	74.3	14.6	15.2	349.1	3.4	19.1	4.5	11.0	471.8
2012	1,370	40.7	366.0	74.7	14.1	13.5	370.1	5.0	19.3	4.5	9.9	451.8
2013	1,418	43.1	390.0	77.8	9.8	14.4	379.2	3.0	20.1	4.4	8.4	467.5
2014	1,439	46.6	403.0	81.5	10.5	12.3	388.4	2.2	20.2	4.5	8.4	461.7
2015	1,564	46.7	432.5	91.9	6.0	7.8	411.9	2.1	20.5	4.5	8.4	531.3
2016	1,610	45.0	455.6	80.3	4.5	8.8	422.3	1.6	20.4	4.1	8.4	559.2

Sumber/*Source***:**
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.9: Pengeluaran getah tiruan mengikut negara pengeluar utama, 2007-2016
Table 12.9: Production of synthetic rubber by major producing countries, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah**[(a)] *Total*	**Amerika Syarikat** *U.S.A.*	**Belanda** *Netherlands*	**Belgium**	**Brazil**	**China**	**C.I.S.**[(b)]	**Itali** *Italy*	**Jepun** *Japan*	**Jerman** *Germany*	**Kanada** *Canada*	**Perancis** *France*	**Poland**	**Mexico**	**United Kingdom**	**Negara-negara-lain** *Other countries*
2007	13,347	2,658.0	194.0	106.5	425.0	2,215.0	1,209.9	235.0	1,654.6	774.0	132.0	655.0	123.0	204.0	318.0	2,441.7
2008	12,711	2,275.3	176.5	94.3	392.0	2,325.0	1,173.1	219.7	1,651.0	761.0	134.7	566.0	114.0	198.0	301.5	2,359.8
2009	12,385	1,962.0	165.7	104.0	385.0	2,856.4	1,125.0	200.0	1,303.2	716.0	106.6	465.0	112.4	164.0	248.0	2,501.7
2010	14,082	2,322.0	149.9	130.1	415.9	3,100.0	1,378.9	237.0	1,595.4	809.0	135.8	568.1	151.0	190.0	238.0	2,704.0
2011	15,090	2,497.5	159.7	126.0	416.9	3,490.2	1,460.0	235.0	1,611.2	858.0	149.9	611.0	162.4	204.4	229.3	2,879.4
2012	14,042	2,311.4	137.2	83.7	390.4	2,706.0	1,443.0	208.1	1,627.3	838.4	124.4	618.5	170.5	190.1	239.5	2,953.5
2013	14,184	2,233.6	135.4	127.6	355.8	2,876.9	1,430.7	187.2	1,673.3	847.8	132.6	593.6	172.4	178.0	198.6	3,040.5
2014	14,072	2,311.8	141.9	105.2	331.2	2,802.6	1,301.7	193.0	1,599.0	880.8	112.5	530.8	174.2	174.5	143.1	3,269.7
2015	14,473	2,391.7	141.4	125.9	421.1	2,822.7	1,389.7	205.5	1,668.3	867.5	79.4	510.7	167.7	161.1	107.0	3,413.3
2016	14,563	2,367.8	156.7	149.4	367.3	2,791.6	1,485.1	214.1	1,566.0	879.0	104.6	493.5	179.0	151.5	136.0	3,521.4

Nota/*Notes* :

(a) Jumlah besar berkemungkinan termasuk perbezaan yang terdapat di dalam laporan perangkaan rasmi.
Grand total may include discrepancies in officially statistics reported.

(b) Ahli-ahli Komanwel Negara-negara Merdeka (C.I.S) ialah Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyztan, Moldova, Rusia, Tajakistan, Ukraine dan Uzbekistan.
Members of Commonwealth of Independent States (C.I.S) are Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyztan, Moldova, Rusia, Tajakistan, Ukraine and Uzbekistan.

Sumber/*Source*:
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.10: Eksport kasar bagi getah tiruan mengikut negara pengeluar utama, 2007-2016
Table 12.10: Gross exports of synthetic rubber by major producing countries, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah**[(a)] *Total*	**Amerika Syarikat** *U.S.A.*	**Belanda** *Netherlands*	**Belgium & Luxembourg**	**C.I.S.**[(b)]	**Jepun** *Japan*	**Jerman** *Germany*	**Mexico**	**Perancis** *France*	**Republik Korea** *Republic of Korea*	**Taiwan**	**United Kingdom**	**Eropah lain** *Other Europe*	**Negara-negara lain di dunia** *Rest of the world*
2007	7,651	1,316.4	323.3	458.7	672.6	602.5	780.0	165.2	489.3	796.7	447.4	212.1	570.2	816.5
2008	7,163	1,156.6	276.7	430.4	699.0	575.8	732.4	158.4	430.8	782.1	456.4	198.3	572.7	693.4
2009	6,807	976.0	279.8	396.9	634.7	627.7	627.4	127.5	340.4	1,004.8	448.2	149.3	505.1	689.0
2010	7,789	1,163.7	224.0	527.6	736.6	755.7	802.5	160.8	358.8	1,050.0	454.0	142.4	595.4	818.0
2011	8,300	1,270.2	315.5	509.5	816.7	704.0	831.6	150.7	367.4	1,161.7	440.9	161.2	651.7	918.8
2012	8,162	1,178.6	285.2	504.1	799.3	750.5	797.7	154.7	352.0	1,260.0	432.6	145.9	722.9	778.4
2013	8,527	1,143.2	282.6	556.8	879.7	843.5	802.3	134.2	347.2	1,379.4	457.7	136.6	739.1	824.6
2014	8,677	1,186.0	280.4	548.4	830.9	813.0	852.0	135.5	339.6	1,410.3	471.6	102.4	748.9	958.4
2015	8,986	1,128.9	291.4	550.2	943.2	823.3	844.6	123.4	363.5	1,445.5	491.7	93.3	786.6	1,100.5
2016	9,537	1,192.7	294.8	643.6	979.2	881.6	872.4	116.8	353.6	1,453.4	504.4	76.0	869.6	1,298.5

Nota/*Notes* :

(a) Jumlah besar berkemungkinan termasuk perbezaan yang terdapat di dalam laporan perangkaan rasmi.
Grand total may include discrepancies in officially statistics reported.

(b) Ahli-ahli Komanwel Negara-negara Merdeka (C.I.S) ialah Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyztan, Moldova, Rusia, Tajakistan, Ukraine dan Uzbekistan.
Members of Commonwealth of Independent States (C.I.S) are Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyztan, Moldova, Rusia, Tajakistan, Ukraine and Uzbekistan.

Sumber/*Source*:
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.11: Import kasar getah tiruan mengikut negara pengguna utama, 2007-2016
Table 12.11: Gross imports of synthetic rubber by major consuming countries, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah**[(a)] *Total*	**Amerika Syarikat** *U.S.A.*	**China**	**C.I.S.**[(b)]	**Itali** *Italy*	**Jepun** *Japan*	**Jerman** *Germany*	**Kanada** *Canada*	**Malaysia**	**Perancis** *France*	**Republik Korea** *Republic of Korea*	**United Kingdom**	**Asia lain** *Other Asia*	**Eropah lain** *Other Europe*	**Negara lain di dunia** *Rest of the world*
2007	8,103	548.8	1,409.0	201.5	351.9	205.6	576.1	313.8	175.2	376.6	133.7	152.7	1,019.4	1,803.6	835.1
2008	7,851	596.1	1,203.4	206.1	319.4	222.4	529.8	267.7	169.9	319.3	141.1	130.3	1,138.5	1,747.9	859.3
2009	7,047	441.7	1,478.4	145.8	242.5	144.7	420.2	223.5	182.0	270.3	134.0	106.1	1,073.8	1,389.2	795.1
2010	8,450	573.7	1,576.5	181.7	288.3	181.4	556.7	267.9	211.2	342.4	161.1	139.2	1,371.8	1,655.2	942.4
2011	8,983	639.2	1,465.1	172.7	307.9	210.5	592.2	263.5	251.0	348.5	150.3	149.3	1,467.8	1,947.6	1,016.8
2012	8,803	633.5	1,465.2	190.3	253.2	191.3	514.1	247.4	285.5	296.6	155.8	123.8	1,579.1	1,864.5	1,003.0
2013	9,089	607.8	1,561.5	194.2	270.7	158.3	533.8	238.2	324.4	298.8	181.0	127.6	1,642.9	1,880.2	1,069.0
2014	9,293	729.3	1,529.0	153.8	265.9	179.5	554.0	249.1	342.0	297.9	172.4	128.7	1,682.6	1,932.6	1,076.8
2015	9,660	705.9	1,578.1	144.0	280.7	172.1	582.8	244.5	398.0	294.6	185.9	128.4	1,856.9	2,007.5	1,080.1
2016	10,032	736.6	1,617.2	169.2	289.7	159.8	580.8	246.1	411.8	307.6	177.6	124.3	1,989.2	2,078.7	1,143.1

Nota/*Notes* :

(a) Jumlah besar berkemungkinan termasuk perbezaan yang terdapat di dalam laporan perangkaan rasmi.
Grand total may include discrepancies in officially statistics reported.

(b) Ahli-ahli Komanwel Negara-negara Merdeka (C.I.S) ialah Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyztan, Moldova, Rusia, Tajakistan, Ukraine dan Uzbekistan.
Members of Commonwealth of Independent States (C.I.S) are Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyztan, Moldova, Rusia, Tajakistan, Ukraine and Uzbekistan.

Sumber/*Source***:**
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.12: Penggunaan getah tiruan di negara pengguna utama, 2007-2016
Table 12.12: Consumption of synthetic rubber in major consuming countries, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah**[(a)] *Total*	**Amerika Syarikat** *U.S.A.*	**Malaysia**	**Brazil**	**China**	**India**	**Itali** *Italy*	**Jepun** *Japan*	**Jerman** *Germany*	**Kanada** *Canada*	**Perancis** *France*	**United Kingdom**	**Eropah lain** *Other Europe*	**Negara lain di dunia** *Rest of the world*
2007	12,576	1,890.3	173.6	477.3	2,975.6	290.1	255.0	1,162.2	570.1	200.0	316.0	170.7	1,241.9	2,853.3
2008	12,173	1,714.9	175.1	483.9	2,916.9	294.0	238.0	1,137.6	558.5	163.5	316.0	140.3	1,177.1	2,857.2
2009	11,228	1,427.7	175.3	448.5	3,322.4	321.4	169.5	831.9	508.9	158.2	236.8	116.1	905.8	2,605.6
2010	13,225	1,731.9	241.9	536.1	3,626.0	405.8	202.5	989.0	563.2	193.5	305.5	139.2	1,069.5	3,220.9
2011	13,856	1,866.6	294.5	514.6	3,676.3	423.4	221.0	978.5	618.6	207.7	320.7	149.2	1,237.4	3,347.6
2012	13,964	1,766.2	367.4	502.9	3,955.2	439.2	181.8	962.0	554.7	186.7	280.1	150.8	1,214.0	3,402.5
2013	14,148	1,698.2	331.1	529.5	4,228.5	471.5	171.4	954.2	579.3	184.3	256.8	160.1	1,188.9	3,394.4
2014	14,159	1,855.1	354.7	499.9	4,135.2	523.5	162.4	951.0	582.8	184.4	250.7	140.1	1,211.2	3,308.3
2015	14,635	1,968.8	422.3	524.5	4,210.4	548.6	178.1	896.4	605.8	179.5	252.1	155.3	1,279.5	3,413.5
2016	14,700	1,911.8	421.2	527.1	4,206.8	591.0	181.3	872.6	587.4	190.7	245.9	156.2	1,251.8	3,556.1

Nota/*Note* :

(a) Jumlah besar berkemungkinan termasuk perbezaan yang terdapat di dalam laporan perangkaan rasmi.
Grand total may include discrepancies in officially reported statistics.

Sumber/*Source*:
Kementerian Perusahaan Perladangan dan Komoditi
Ministry of Plantation Industries and Commodities

Jadual 12.13: Stok getah tiruan yang dilaporkan seperti pada 31 Disember, 2007-2016
Table 12.13: Stocks of synthetic rubber as reported at 31 December, 2007-2016

'000 Tan metrik
Tonnes

Tahun *Year*	**Jumlah** *Total*	**Amerika Syarikat** *U.S.A.*	**Brazil**	**India**	**Jepun** *Japan*	**Perancis** *France*	**Taiwan**	**United Kingdom**
2007	..	..	..	26.0	357.0	..	..	..
2008	..	..	..	37.0	414.0	..	..	..
2009	..	..	..	35.0	316.0	..	..	..
2010	..	..	..	39.0	295.0	..	..	..
2011	..	..	..	47.0	346.0	..	..	..
2012	..	..	..	50.0	374.0	..	..	..
2013	..	..	..	48.0	339.0	..	..	..
2014	..	..	..	56.0	310.0	..	..	..
2015	..	..	..	67.0	380.0	..	..	..
2016	..	..	..	68.0	375.0	..	..	..

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