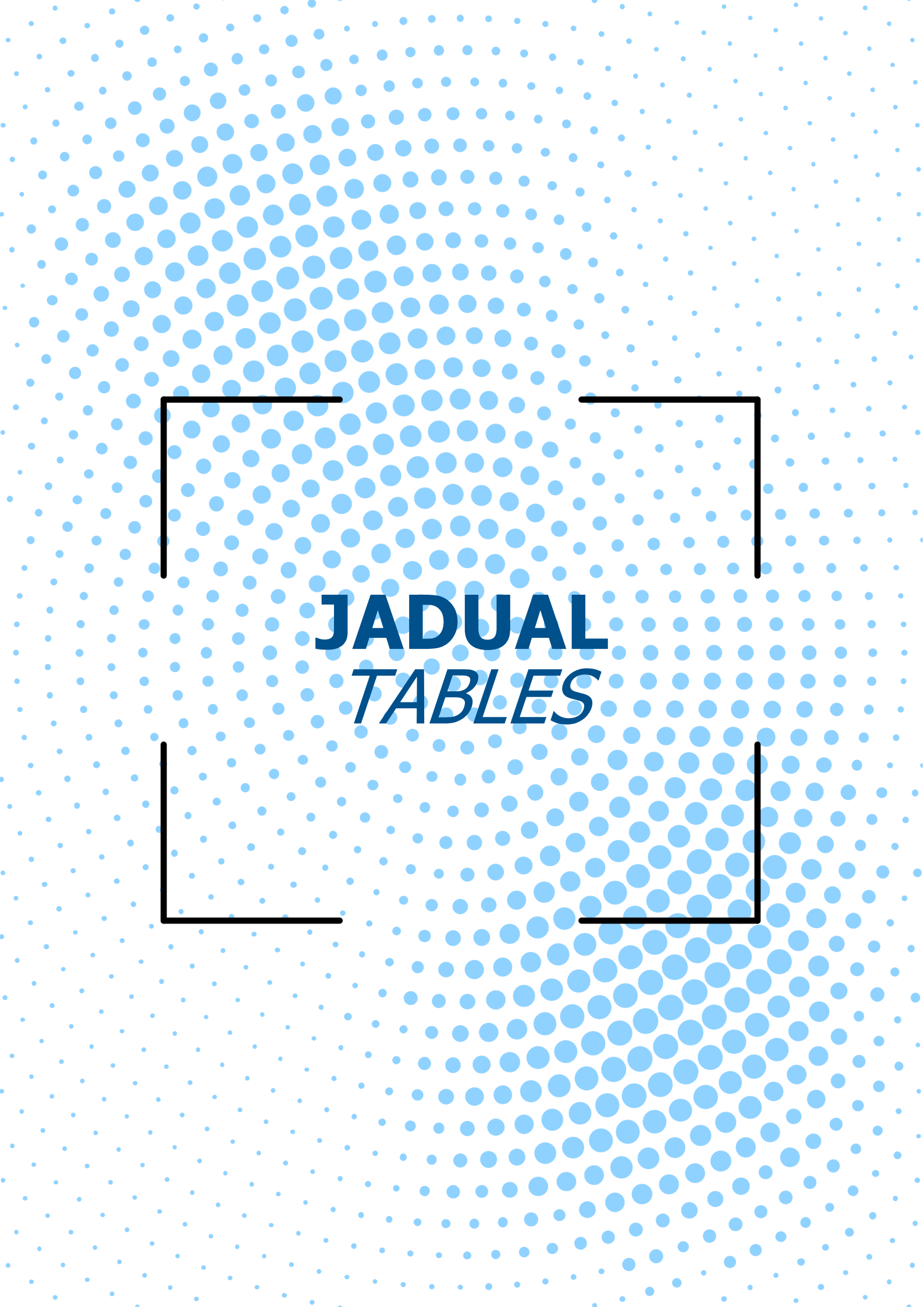




JADUAL *TABLES*

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Jadual 1 : Akaun Pembekalan dan Penggunaan bagi Buah-buahan Terpilih, Malaysia, 2017-2021
Table 1 : Supply and Utilization Accounts for Selected Fruits, Malaysia, 2017-2021

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri Self-sufficiency ratio	Kadar kebergantungan import Import dependency ratio
		Pengeluaran Production	Import Imports	Jumlah Pembekalan Total Supply	Ekspor Exports	Benih Seed	Makanan ternakan Feed	Kerugian Loss	Prosesan Processing	Makanan Food	Jumlah Penggunaan Total Utilization	Kuantiti setahun Quantity per year	Kuantiti sehari Quantity per day		
		(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(kg/tahun) (kg/year)	(g/hari) (g/day)	(peratus) (per cent)	(peratus) (per cent)
Kelapa Coconut	2017	517,588.5	165,976.9	683,565.4	20,926.3	258.8	-	16,566.0	23,842.5	621,971.9	683,565.4	19.4	53.2	78.1	25.0
	2018	491,465.4	250,126.0	741,591.4	3,401.5	245.7	-	18,454.7	26,560.8	692,928.5	741,591.4	21.4	58.6	66.6	33.9
	2019	536,605.7	253,622.2	790,227.9	3,327.5	268.3	-	19,672.5	28,313.5	738,646.1	790,227.9	22.7	62.2	68.2	32.2
	2020	560,984.3	286,031.2	847,015.5	4,659.2	280.5	-	21,058.9	30,308.9	790,708.0	847,015.5	24.3	66.5	66.6	34.0
	2021	556,217.1	254,455.2	810,672.4	11,025.4	278.1	-	19,991.2	28,772.1	750,605.6	810,672.4	23.0	63.0	69.6	31.8
Nanas Pineapple	2017	340,722.0	2,169.3	342,891.3	22,470.4	-	16,021.0	-	60,186.5	244,213.4	342,891.3	7.6	20.9	106.3	0.7
	2018	322,551.0	2,607.6	325,158.6	19,521.0	-	15,281.9	-	57,409.7	232,946.1	325,158.6	7.2	19.7	105.5	0.9
	2019	314,627.1	2,785.7	317,412.8	17,850.3	-	14,978.1	-	56,268.5	228,315.8	317,412.8	7.0	19.2	105.0	0.9
	2020	323,420.5	1,587.1	325,007.5	15,960.6	-	15,452.3	-	58,050.0	235,544.5	325,007.5	7.2	19.8	104.7	0.5
	2021	375,423.2	1,119.9	376,543.2	16,427.8	-	18,005.8	-	67,642.5	274,467.1	376,543.2	8.4	23.0	104.3	0.3
Pisang Banana	2017	350,492.6	16,341.0	366,833.6	27,186.4	-	15,963.4	-	4,654.2	319,029.6	366,833.6	10.0	27.3	103.2	4.8
	2018	331,254.6	16,863.9	348,118.5	24,205.7	-	15,223.9	-	4,438.6	304,250.3	348,118.5	9.4	25.7	102.3	5.2
	2019	325,446.9	28,122.2	353,569.1	23,950.1	-	15,492.1	-	4,516.8	309,610.1	353,569.1	9.5	26.1	98.7	8.5
	2020	313,811.3	27,898.0	341,709.3	28,059.3	-	14,741.6	-	4,297.9	294,610.5	341,709.3	9.0	24.8	100.1	8.9
	2021	330,253.1	23,701.3	353,954.5	32,084.9	-	15,127.9	-	4,410.6	302,331.1	353,954.5	9.3	25.4	102.6	7.4
Tembikai Watermelon	2017	172,275.4	4,773.1	177,048.5	63,046.0	-	6,840.2	-	-	107,162.4	177,048.5	3.3	9.2	151.1	4.2
	2018	150,260.6	3,432.7	153,693.2	64,225.9	-	5,368.0	-	-	84,099.3	153,693.2	2.6	7.1	168.0	3.8
	2019	144,146.9	5,827.8	149,974.7	60,610.7	-	5,361.8	-	-	84,002.2	149,974.7	2.6	7.1	161.3	6.5
	2020	134,225.4	7,394.1	141,619.5	45,324.3	-	5,777.7	-	-	90,517.5	141,619.5	2.8	7.6	139.4	7.7
	2021	127,834.7	6,868.6	134,703.4	43,067.9	-	5,498.1	-	-	86,137.3	134,703.4	2.6	7.2	139.5	7.5
Mangga Mango	2017	16,912.6	52,751.4	69,664.0	2,752.1	-	3,880.9	-	191.3	62,839.8	69,664.0	2.0	5.4	25.3	78.8
	2018	15,329.5	53,827.3	69,156.7	3,545.8	-	3,805.4	-	187.5	61,618.0	69,156.7	1.9	5.2	23.4	82.0
	2019	16,508.5	37,776.4	54,284.9	2,881.0	-	2,981.4	-	146.9	48,275.6	54,284.9	1.5	4.1	32.1	73.5
	2020	12,834.4	54,878.1	67,712.5	4,076.0	-	3,690.9	-	181.9	59,763.7	67,712.5	1.8	5.0	20.2	86.2
	2021	12,208.3	69,646.3	81,854.6	6,656.0	-	4,361.5	-	214.9	70,622.2	81,854.6	2.2	5.9	16.2	92.6
Rambutan	2017	37,215.0	2,474.1	39,689.1	991.6	-	-	1,160.9	1,934.9	35,601.7	39,689.1	1.1	3.0	96.2	6.4
	2018	52,991.0	1,277.9	54,269.0	2,156.2	-	-	1,563.4	2,605.6	47,943.8	54,269.0	1.5	4.1	101.7	2.5
	2019	55,890.6	945.7	56,836.3	1,624.1	-	-	1,656.4	2,760.6	50,795.3	56,836.3	1.6	4.3	101.2	1.7
	2020	49,957.6	1,714.3	51,671.9	767.7	-	-	1,527.1	2,545.2	46,831.8	51,671.9	1.4	3.9	98.1	3.4
	2021	55,627.8	2,126.4	57,754.2	1,798.9	-	-	1,678.7	2,797.8	51,478.9	57,754.2	1.6	4.3	99.4	3.8

Jadual 1 : Akaun Pembekalan dan Penggunaan bagi Buah-buahan Terpilih, Malaysia, 2017-2021 (samb.)
Table 1 : Supply and Utilization Accounts for Selected Fruits, Malaysia, 2017-2021 (cont'd)

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri Self-sufficiency ratio	Kadar kebergantungan import Import dependency ratio
		Pengeluaran Production	Import Imports	Jumlah Pembekalan Total Supply	Ekspor Exports	Benih Seed	Makanan ternakan Feed	Kerugian Loss	Prosesan Processing	Makanan Food	Jumlah Penggunaan Total Utilization	Kuantiti setahun Quantity per year	Kuantiti sehari Quantity per day		
		(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(kg/tahun) (kg/year)	(g/hari) (g/day)	(peratus) (per cent)	(peratus) (per cent)
Durian	2017	210,874.0	14,833.8	225,707.8	13,998.1	-	-	6,351.3	-	205,358.4	225,707.8	6.4	17.6	99.6	7.0
	2018	342,169.6	7,847.3	350,016.9	23,367.3	-	-	9,799.5	-	316,850.1	350,016.9	9.8	26.8	104.8	2.4
	2019	377,251.0	6,351.6	383,602.6	24,981.2	-	-	10,758.6	-	347,862.8	383,602.6	10.7	29.3	105.2	1.8
	2020	390,635.4	4,901.9	395,537.3	24,098.9	-	-	11,143.2	-	360,295.3	395,537.3	11.1	30.3	105.2	1.3
	2021	448,271.5	6,727.7	454,999.2	42,765.7	-	-	12,367.0	-	399,866.5	454,999.2	12.2	33.5	108.7	1.6
Manggis Mangosteen	2017	12,623.4	2,818.6	15,442.0	903.4	-	872.3	-	-	13,666.4	15,442.0	0.4	1.2	86.8	19.4
	2018	26,169.9	2,126.2	28,296.1	7,339.6	-	1,257.4	-	-	19,699.1	28,296.1	0.6	1.7	124.9	10.1
	2019	28,763.6	3,453.2	32,216.8	5,021.5	-	1,631.7	-	-	25,563.6	32,216.8	0.8	2.2	105.8	12.7
	2020	23,296.6	4,029.8	27,326.4	2,309.9	-	1,501.0	-	-	23,515.5	27,326.4	0.7	2.0	93.1	16.1
	2021	26,831.5	3,970.7	30,802.2	2,205.5	-	1,715.8	-	-	26,880.9	30,802.2	0.8	2.3	93.8	13.9
Cempedak/ nangka Jackfruit	2017	54,977.2	150.3	55,127.5	5,631.1	-	2,969.8	-	-	46,526.6	55,127.5	1.5	4.0	111.1	0.3
	2018	61,216.4	111.0	61,327.4	6,001.2	-	3,319.6	-	-	52,006.6	61,327.4	1.6	4.4	110.6	0.2
	2019	59,174.4	548.2	59,722.6	6,193.0	-	3,211.8	-	-	50,317.9	59,722.6	1.5	4.2	110.5	1.0
	2020	60,093.5	227.4	60,320.9	5,649.8	-	3,280.3	-	-	51,390.8	60,320.9	1.6	4.3	109.9	0.4
	2021	66,532.8	768.5	67,301.3	7,260.3	-	3,602.5	-	-	56,438.5	67,301.3	1.7	4.7	110.8	1.3
Jambu batu Guava	2017	84,288.0	5,153.1	89,441.1	3,095.4	-	-	-	5,654.4	80,691.3	89,441.1	2.5	6.9	97.6	6.0
	2018	34,494.7	5,166.4	39,661.0	2,967.0	-	-	-	2,402.9	34,291.1	39,661.0	1.1	2.9	94.0	14.1
	2019	35,961.8	3,172.0	39,133.7	3,182.0	-	-	-	2,354.3	33,597.4	39,133.7	1.0	2.8	100.0	8.8
	2020	37,881.2	4,146.1	42,027.4	2,916.2	-	-	-	2,561.2	36,550.0	42,027.4	1.1	3.1	96.9	10.6
	2021	36,899.6	3,197.0	40,096.7	3,463.1	-	-	-	2,399.0	34,234.6	40,096.7	1.0	2.9	100.7	8.7
Jagung manis Sweet corn	2017	72,560.5	2,936.7	75,497.2	6,767.7	-	-	-	8,671.7	60,057.9	75,497.2	1.9	5.1	105.6	4.3
	2018	68,906.6	4,139.2	73,045.9	6,755.0	-	-	-	8,364.0	57,926.9	73,045.9	1.8	4.9	103.9	6.2
	2019	60,497.9	3,307.0	63,804.9	6,919.2	-	-	-	7,177.3	49,708.4	63,804.9	1.5	4.2	106.3	5.8
	2020	68,207.4	3,287.9	71,495.3	6,882.6	-	-	-	8,152.2	56,460.5	71,495.3	1.7	4.7	105.6	5.1
	2021	74,735.0	3,782.7	78,517.7	8,187.6	-	-	-	8,873.6	61,456.5	78,517.7	1.9	5.2	106.3	5.4
Betik Papaya	2017	83,797.0	32.9	83,829.9	25,457.0	-	3,502.4	-	-	54,870.5	83,829.9	1.7	4.7	143.6	0.1
	2018	52,917.2	446.9	53,364.1	18,015.4	-	2,120.9	-	-	33,227.7	53,364.1	1.0	2.8	149.7	1.3
	2019	53,681.2	406.5	54,087.7	19,020.3	-	2,104.0	-	-	32,963.4	54,087.7	1.0	2.8	153.1	1.2
	2020	61,775.7	307.4	62,083.2	22,487.2	-	2,375.8	-	-	37,220.2	62,083.2	1.1	3.1	156.0	0.8
	2021	60,979.6	311.5	61,291.1	19,786.8	-	2,490.3	-	-	39,014.1	61,291.1	1.2	3.3	146.9	0.8

Jadual 1 : Akaun Pembekalan dan Penggunaan bagi Buah-buahan Terpilih, Malaysia, 2017-2021 (samb.)
Table 1 : Supply and Utilization Accounts for Selected Fruits, Malaysia, 2017-2021 (cont'd)

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri	Kadar kebergantungan import
		Pengeluaran Production	Import Imports	Jumlah Pembekalan Total Supply	Ekspor Exports	Benih Seed	Makanan ternakan Feed	Kerugian Loss	Prosesan Processing	Makanan Food	Jumlah Penggunaan Total Utilization	Kuantiti setahun Quantity per year	Kuantiti sehari Quantity per day	Self- sufficiency ratio	Import dependency ratio
		(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(kg/tahun) (kg/year)	(g/hari) (g/day)	(peratus) (per cent)	(peratus) (per cent)
Belimbing Starfruit	2017	8,748.4	3.5	8,751.9	2,319.0	-	-	-	-	6,432.9	8,751.9	0.2	0.6	136.0	0.054
	2018	6,926.4	-	6,926.4	2,185.5	-	-	-	-	4,741.0	6,926.4	0.1	0.4	146.1	-
	2019	8,053.6	9.6	8,063.3	1,990.8	-	-	-	-	6,072.4	8,063.3	0.2	0.5	132.8	0.159
	2020	9,295.8	0.7	9,296.4	1,373.2	-	-	-	-	7,923.2	9,296.4	0.2	0.7	117.3	0.008
	2021	7,894.5	0.4	7,894.9	1,131.1	-	-	-	-	6,763.9	7,894.9	0.2	0.6	116.7	0.006
Langsat	2017	22,911.6	291.0	23,202.6	459.8	-	1,364.6	-	-	21,378.2	23,202.6	0.7	1.8	100.7	1.3
	2018	19,633.5	348.5	19,982.0	1,184.8	-	1,127.8	-	-	17,669.4	19,982.0	0.5	1.5	104.4	1.9
	2019	18,932.6	1,732.1	20,664.7	3,887.0	-	1,006.7	-	-	15,771.0	20,664.7	0.5	1.3	112.8	10.3
	2020	17,469.7	1,161.9	18,631.6	540.8	-	1,085.4	-	-	17,005.3	18,631.6	0.5	1.4	96.6	6.4
	2021	15,207.1	1,042.8	16,249.9	2,363.4	-	833.2	-	-	13,053.4	16,249.9	0.4	1.1	109.5	7.5

Jadual 2 : Akaun Pembekalan dan Penggunaan bagi Sayur-sayuran Terpilih, Malaysia, 2017-2021
Table 2 : Supply and Utilization Accounts for Selected Vegetables, Malaysia, 2017-2021

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri	Kadar kebergantungan import
		Pengeluaran Production	Import Imports	Jumlah Pembekalan Total Supply	Eksport Exports	Benih Seed	Makanan ternakan Feed	Kerugian Loss	Prosesan Processing	Makanan Food	Jumlah Penggunaan Total Utilization	Kuantiti setahun Quantity per year	Kuantiti sehari Quantity per day	Self-sufficiency ratio	Import dependency ratio
		(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(kg/tahun) (kg/year)	(g/hari) (g/day)	(peratus) (per cent)	(peratus) (per cent)
Kobis bulat Round cabbage	2017	77,342.2	107,707.6	185,049.8	1,567.2	-	-	10,275.0	-	173,207.6	185,049.8	5.4	14.8	42.2	58.7
	2018	80,641.1	129,547.4	210,188.5	1,895.8	-	-	11,664.4	-	196,628.4	210,188.5	6.1	16.6	38.7	62.2
	2019	79,471.5	119,503.4	198,975.0	2,878.3	-	-	10,981.4	-	185,115.3	198,975.0	5.7	15.6	40.5	60.9
	2020	80,641.2	136,747.9	217,389.1	2,293.6	-	-	12,045.3	-	203,050.2	217,389.1	6.2	17.1	37.5	63.6
	2021	91,389.1	139,035.7	230,424.8	3,547.0	-	-	12,705.2	-	214,172.6	230,424.8	6.6	18.0	40.3	61.3
Tomato	2017	188,185.3	3,618.0	191,803.3	47,164.5	-	10,124.7	8,408.4	126,105.6	191,803.3	3.9	10.8	130.1	2.5	
	2018	199,422.3	4,645.6	204,067.9	46,444.8	-	11,033.6	9,163.3	137,426.2	204,067.9	4.2	11.6	126.5	2.9	
	2019	176,544.1	1,806.1	178,350.2	43,804.0	-	9,418.2	7,821.7	117,306.2	178,350.2	3.6	9.9	131.2	1.3	
	2020	192,129.5	1,590.0	193,719.5	38,391.0	-	10,873.0	9,029.9	135,425.6	193,719.5	4.2	11.4	123.7	1.0	
	2021	186,662.6	6,845.2	193,507.8	36,457.5	-	10,993.5	9,130.0	136,926.8	193,507.8	4.2	11.5	118.9	4.4	
Cili Chilli	2017	27,358.4	47,127.7	74,486.1	4,003.3	191.5	-	3,524.1	16,047.0	50,720.1	1.6	4.3	38.8	66.9	
	2018	24,428.3	55,914.9	80,343.3	3,824.6	171.0	-	3,825.9	17,421.2	55,100.5	1.7	4.7	31.9	73.1	
	2019	27,631.1	66,106.7	93,737.9	3,918.6	193.4	-	4,491.0	20,449.4	64,685.5	2.0	5.4	30.8	73.6	
	2020	28,264.4	66,294.9	94,559.2	3,052.5	197.9	-	4,575.3	20,833.6	65,899.9	2.0	5.5	30.9	72.4	
	2021	28,740.4	73,725.9	102,466.3	4,243.5	201.2	-	4,911.1	22,362.7	70,747.8	2.2	5.9	29.3	75.1	
Timun Cucumber	2017	88,492.0	12,785.1	101,277.1	26,164.9	-	-	1,862.8	37.6	73,211.9	101,277.1	2.3	6.3	117.8	17.0
	2018	85,134.1	15,040.6	100,174.8	24,621.1	-	-	1,873.7	37.8	73,642.1	100,174.8	2.3	6.2	112.7	19.9
	2019	103,362.9	12,266.7	115,629.7	22,348.3	-	-	2,313.4	46.6	90,921.4	115,629.7	2.8	7.7	110.8	13.2
	2020	101,482.0	8,752.8	110,234.8	19,709.7	-	-	2,245.0	45.3	88,234.8	110,234.8	2.7	7.4	112.1	9.7
	2021	96,353.1	12,523.2	108,876.3	22,644.7	-	-	2,138.5	43.1	84,050.0	108,876.3	2.6	7.1	111.7	14.5
Sawi Mustard	2017	142,764.5	7,709.0	150,473.5	6,718.5	-	-	3,593.9	-	140,161.1	150,473.5	4.4	12.0	99.3	5.4
	2018	128,742.4	10,295.1	139,037.4	7,085.3	-	-	3,298.8	-	128,653.3	139,037.4	4.0	10.9	97.6	7.8
	2019	145,427.2	8,873.8	154,301.1	7,322.3	-	-	3,674.5	-	143,304.3	154,301.1	4.4	12.1	98.9	6.0
	2020	143,286.3	10,209.3	153,495.6	6,613.1	-	-	3,672.1	-	143,210.4	153,495.6	4.4	12.0	97.6	7.0
	2021	153,270.8	11,051.6	164,322.4	6,345.2	-	-	3,949.4	-	154,027.7	164,322.4	4.7	12.9	97.0	7.0
Terung Brinjal	2017	40,417.7	3,493.1	43,910.8	9,212.6	-	-	867.5	-	33,830.7	43,910.8	1.1	2.9	116.5	10.1
	2018	39,311.5	4,212.0	43,523.4	9,459.4	-	-	851.6	-	33,212.4	43,523.4	1.0	2.8	115.4	12.4
	2019	39,103.3	2,879.1	41,982.5	9,199.0	-	-	819.6	-	31,963.9	41,982.5	1.0	2.7	119.3	8.8
	2020	39,785.7	2,524.9	42,310.5	6,875.2	-	-	885.9	-	34,549.4	42,310.5	1.1	2.9	112.3	7.1
	2021	42,731.6	3,945.8	46,677.4	7,690.5	-	-	974.7	-	38,012.3	46,677.4	1.2	3.2	109.6	10.1

Jadual 2 : Akaun Pembekalan dan Penggunaan bagi Sayur-sayuran Terpilih, Malaysia, 2017-2021 (samb.)
Table 2 : Supply and Utilization Accounts for Selected Vegetables, Malaysia, 2017-2021 (cont'd)

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri Self-sufficiency ratio (peratus) (per cent)	Kadar kebergantungan import Import dependency ratio (peratus) (per cent)
		Pengeluaran Production (tan metrik) (tonnes)	Import Imports (tan metrik) (tonnes)	Jumlah Pembekalan Total Supply (tan metrik) (tonnes)	Ekspor Exports (tan metrik) (tonnes)	Benih Seed (tan metrik) (tonnes)	Makanan ternakan Feed (tan metrik) (tonnes)	Kerugian Loss (tan metrik) (tonnes)	Prosesan Processing (tan metrik) (tonnes)	Makanan Food (tan metrik) (tonnes)	Jumlah Penggunaan Total Utilization (tan metrik) (tonnes)	Kuantiti setahun Quantity per year (kg/tahun) (kg/year)	Kuantiti sehari Quantity per day (g/hari) (g/day)		
Kacang panjang Long bean	2017	58,808.0	521.6	59,329.6	6,123.6	234.1	-	1,452.5	-	51,519.3	59,329.6	1.6	4.4	110.5	1.0
	2018	57,103.5	1,063.8	58,167.3	4,900.8	234.4	-	1,454.2	-	51,578.0	58,167.3	1.6	4.4	107.2	2.0
	2019	62,342.4	1,255.2	63,597.6	5,319.5	256.4	-	1,591.0	-	56,430.6	63,597.6	1.7	4.8	107.0	2.2
	2020	52,638.3	900.1	53,538.5	4,417.1	216.1	-	1,341.0	-	47,564.2	53,538.5	1.5	4.0	107.2	1.8
	2021	60,158.1	1,129.5	61,287.6	6,239.1	242.2	-	1,502.8	-	53,303.5	61,287.6	1.6	4.5	109.3	2.1
Bendi Lady's finger	2017	53,937.2	274.1	54,211.3	3,664.6	15.2	4,043.7	-	-	46,487.8	54,211.3	1.5	4.0	106.7	0.5
	2018	52,318.4	442.4	52,760.8	3,315.6	14.8	3,955.6	-	-	45,474.7	52,760.8	1.4	3.8	105.8	0.9
	2019	58,203.8	413.7	58,617.4	2,842.7	16.7	4,462.0	-	-	51,296.0	58,617.4	1.6	4.3	104.4	0.7
	2020	57,860.6	411.0	58,271.6	1,647.7	17.0	4,529.9	-	-	52,077.0	58,271.6	1.6	4.4	102.2	0.7
	2021	63,062.4	630.7	63,693.1	3,255.5	18.1	4,835.0	-	-	55,584.5	63,693.1	1.7	4.7	104.3	1.0
Bayam Spinach	2017	71,179.9	606.4	71,786.3	10,242.2	-	-	1,680.2	-	59,863.9	71,786.3	1.9	5.1	115.7	1.0
	2018	72,307.8	640.1	72,947.8	9,222.8	-	-	1,739.7	-	61,985.3	72,947.8	1.9	5.2	113.5	1.0
	2019	77,760.7	771.4	78,532.2	9,488.0	-	-	1,884.9	-	67,159.3	78,532.2	2.1	5.7	112.6	1.1
	2020	74,250.8	891.3	75,142.2	8,826.8	-	-	1,810.4	-	64,505.0	75,142.2	2.0	5.4	112.0	1.3
	2021	80,404.4	1,274.0	81,678.3	9,904.7	-	-	1,959.4	-	69,814.2	81,678.3	2.1	5.9	112.0	1.8
Salad Lettuce	2017	40,358.3	9,660.0	50,018.3	15,439.4	-	-	-	-	34,578.9	50,018.3	1.1	3.0	116.7	27.9
	2018	46,113.6	9,425.6	55,539.2	15,257.4	-	-	-	-	40,281.8	55,539.2	1.2	3.4	114.5	23.4
	2019	48,737.8	8,988.0	57,725.7	14,387.5	-	-	-	-	43,338.3	57,725.7	1.3	3.7	112.5	20.7
	2020	54,583.7	7,425.9	62,009.6	14,129.4	-	-	-	-	47,880.1	62,009.6	1.5	4.0	114.0	15.5
	2021	75,546.0	7,644.4	83,190.4	12,919.9	-	-	-	-	70,270.5	83,190.4	2.2	5.9	107.5	10.9

Jadual 3 : Akaun Pembekalan dan Penggunaan bagi Tanaman Terpilih Lain, Malaysia, 2017-2021
Table 3 : Supply and Utilization Accounts for Other Selected Crops, Malaysia, 2017-2021

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri Self-sufficiency ratio (peratus) (per cent)	Kadar kebergantungan import Import dependency ratio (peratus) (per cent)
		Pengeluaran Production (tan metrik) (tonnes)	Import Imports (tan metrik) (tonnes)	Jumlah Pembekalan Total Supply (tan metrik) (tonnes)	Ekspor Exports (tan metrik) (tonnes)	Benih Seed (tan metrik) (tonnes)	Makanan ternakan Feed (tan metrik) (tonnes)	Kerugian Loss (tan metrik) (tonnes)	Prosesan Processing (tan metrik) (tonnes)	Makanan Food (tan metrik) (tonnes)	Jumlah Penggunaan Total Utilization (tan metrik) (tonnes)	Kuantiti setahun Quantity per year (kg/tahun) (kg/year)	Kuantiti sehari Quantity per day (g/hari) (g/day)		
Ubi kayu Cassava	2017	44,229.1	4,198.4	48,427.5	475.6	-	2,877.1	-	40,279.5	4,795.2	48,427.5	0.1	0.4	92.2	8.8
	2018	34,996.6	3,288.2	38,284.9	632.3	-	2,259.2	-	31,628.1	3,765.3	38,284.9	0.1	0.3	92.9	8.7
	2019	42,285.3	524.2	42,809.5	556.1	-	2,535.2	-	35,492.8	4,225.3	42,809.5	0.1	0.4	100.1	1.2
	2020	37,513.7	1,110.1	38,623.9	517.8	-	2,286.4	-	32,009.1	3,810.6	38,623.9	0.1	0.3	98.4	2.9
	2021	39,386.9	811.5	40,198.4	880.9	-	2,359.0	-	33,026.7	3,931.7	40,198.4	0.1	0.3	100.2	2.1
Ubi keledek Sweet potato	2017	41,245.0	11,461.4	52,706.4	961.4	-	2,587.2	-	-	49,157.7	52,706.4	1.5	4.2	79.7	22.1
	2018	52,224.6	11,487.0	63,711.6	862.7	-	3,142.4	-	-	59,706.4	63,711.6	1.8	5.1	83.1	18.3
	2019	56,343.5	13,785.9	70,129.3	1,141.6	-	3,449.4	-	-	65,538.3	70,129.3	2.0	5.5	81.7	20.0
	2020	54,750.4	19,017.9	73,768.3	1,391.4	-	3,618.8	-	-	68,758.0	73,768.3	2.1	5.8	75.6	26.3
	2021	53,613.8	17,291.1	70,904.9	2,273.7	-	3,431.6	-	-	65,199.6	70,904.9	2.0	5.5	78.1	25.2
Tebu Sugarcane	2017	29,990.0	734.6	30,724.6	11,951.1	-	-	-	18,585.8	187.7	30,724.6	0.006	0.016	159.7	3.9
	2018	23,475.0	65.7	23,540.8	10,647.7	-	-	-	12,764.2	128.9	23,540.8	0.004	0.011	182.1	0.5
	2019	20,761.1	112.8	20,873.9	10,856.1	-	-	-	9,917.6	100.2	20,873.9	0.003	0.008	207.2	1.1
	2020	23,519.4	153.4	23,672.8	8,760.1	-	-	-	14,763.6	149.1	23,672.8	0.005	0.013	157.7	1.0
	2021	25,591.1	81.5	25,672.5	8,543.5	-	-	-	16,957.8	171.3	25,672.5	0.005	0.014	149.4	0.5
Halia Ginger	2017	14,278.7	41,204.2	55,482.8	251.9	-	4,418.5	-	-	50,812.5	55,482.8	1.6	4.3	25.9	74.6
	2018	13,485.3	45,260.4	58,745.7	274.0	-	4,677.7	-	-	53,794.0	58,745.7	1.7	4.6	23.1	77.4
	2019	11,412.8	59,544.8	70,957.6	303.4	-	5,652.3	-	-	65,001.9	70,957.6	2.0	5.5	16.2	84.3
	2020	11,751.2	50,586.8	62,338.0	305.9	-	4,962.6	-	-	57,069.6	62,338.0	1.8	4.8	18.9	81.5
	2021	8,718.6	51,737.3	60,455.9	656.8	-	4,783.9	-	-	55,015.2	60,455.9	1.7	4.6	14.6	86.5
Limaun nipis/ kasturi Lime	2017	21,103.9	1,311.7	22,415.5	2,230.9	-	-	605.5	-	19,579.1	22,415.5	0.6	1.7	104.6	6.5
	2018	18,931.9	1,711.4	20,643.4	2,059.9	-	-	557.5	-	18,025.9	20,643.4	0.6	1.5	101.9	9.2
	2019	19,258.9	2,678.3	21,937.2	2,023.7	-	-	597.4	-	19,316.1	21,937.2	0.6	1.6	96.7	13.4
	2020	17,734.7	3,279.2	21,013.9	1,537.7	-	-	584.3	-	18,891.9	21,013.9	0.6	1.6	91.1	16.8
	2021	18,289.1	6,193.9	24,482.9	2,288.9	-	-	665.8	-	21,528.2	24,482.9	0.7	1.8	82.4	27.9

Jadual 4 : Akaun Pembekalan dan Penggunaan bagi Ternakan Terpilih, Malaysia, 2017-2021
Table 4: Supply and Utilization Accounts for Selected Livestock, Malaysia, 2017-2021

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri Self-sufficiency ratio (peratus) (per cent)	Kadar kebergantungan import Import dependency ratio (peratus) (per cent)
		Pengeluaran Production (tan metrik) (tonnes)	Import Imports (tan metrik) (tonnes)	Jumlah Pembekalan Total Supply (tan metrik) (tonnes)	Eksport Exports (tan metrik) (tonnes)	Penetasan Hatching (tan metrik) (tonnes)	Makanan ternakan Feed (tan metrik) (tonnes)	Kerugian Loss (tan metrik) (tonnes)	Prosesan Processing (tan metrik) (tonnes)	Makanan Food (tan metrik) (tonnes)	Jumlah Penggunaan Total Utilization (tan metrik) (tonnes)	Kuantiti setahun Quantity per year (kg/tahun) (kg/year)	Kuantiti sehari Quantity per day (g/hari) (g/day)		
Daging lembu/kerbau Beef	2017	46,333.1	148,652.7	194,985.8	3,565.8	n.a.	-	-	14,678.6	176,741.5	194,985.8	5.5	15.1	24.2	77.7
	2018	46,923.6	152,155.3	199,078.9	697.7	n.a.	-	-	15,212.4	183,168.9	199,078.9	5.7	15.5	23.7	76.7
	2019	44,024.4	146,415.0	190,439.5	654.2	n.a.	-	-	14,553.2	175,232.1	190,439.5	5.4	14.8	23.2	77.1
	2020	41,378.8	153,290.6	194,669.4	512.7	n.a.	-	-	14,888.4	179,268.3	194,669.4	5.5	15.1	21.3	79.0
	2021	36,800.6	159,188.9	195,989.4	1,015.1	n.a.	-	-	14,951.1	180,023.2	195,989.4	5.5	15.1	18.9	81.6
Daging kambing/bebiri Mutton	2017	4,400.1	38,619.6	43,019.7	1.8	n.a.	-	-	-	43,017.9	43,019.7	1.3	3.7	10.2	89.8
	2018	4,433.7	36,081.0	40,514.7	14.6	n.a.	-	-	-	40,500.1	40,514.7	1.3	3.4	10.9	89.1
	2019	4,200.6	31,346.0	35,546.5	9.3	n.a.	-	-	-	35,537.3	35,546.5	1.1	3.0	11.8	88.2
	2020	3,916.8	37,785.9	41,702.7	9.4	n.a.	-	-	-	41,693.3	41,702.7	1.3	3.5	9.4	90.6
	2021	3,502.5	29,277.3	32,779.8	28.1	n.a.	-	-	-	32,751.7	32,779.8	1.0	2.7	10.7	89.4
Daging babi Pork	2017	218,177.2	18,135.3	236,312.5	1,375.2	n.a.	-	-	5,110.8	229,826.6	236,312.5	17.9	49.2	92.9	7.7
	2018	223,862.0	20,488.7	244,350.7	1,424.7	n.a.	-	-	5,284.5	237,641.5	244,350.7	18.3	50.3	92.2	8.4
	2019	222,791.1	17,763.9	240,555.0	1,307.7	n.a.	-	-	5,204.5	234,042.8	240,555.0	18.0	49.3	93.1	7.4
	2020	220,586.4	13,439.3	234,025.6	1,589.5	n.a.	-	-	5,056.4	227,379.8	234,025.6	19.1	52.4	94.9	5.8
	2021	197,371.6	14,939.4	212,311.0	1,054.4	n.a.	-	-	4,595.6	206,661.0	212,311.0	17.3	47.5	93.4	7.1
Daging ayam Chicken meat	2017	1,598,258.1	67,202.0	1,665,460.1	87,865.8	n.a.	-	-	80,267.6	1,497,326.8	1,665,460.1	46.8	128.1	101.3	4.3
	2018	1,587,539.2	71,428.2	1,658,967.4	95,607.8	n.a.	-	-	79,543.3	1,483,816.3	1,658,967.4	45.8	125.5	101.5	4.6
	2019	1,589,080.8	72,489.8	1,661,570.6	94,878.8	n.a.	-	-	79,712.8	1,486,978.9	1,661,570.6	45.7	125.3	101.4	4.6
	2020	1,628,609.3	68,243.9	1,696,853.2	95,107.3	n.a.	-	-	81,496.4	1,520,249.5	1,696,853.2	46.7	127.8	101.7	4.3
	2021	1,583,219.5	96,593.1	1,679,812.6	94,744.9	n.a.	-	-	80,647.8	1,504,419.9	1,679,812.6	46.1	126.2	99.9	6.1
Telur ayam/ itik Chicken/ duck egg	2017	864,967.0	13.8	864,980.8	105,613.9	-	-	-	57,116.4	702,250.5	864,980.8	21.9	60.1	113.9	0.002
	2018	824,173.0	25.4	824,198.4	116,210.0	-	-	-	53,251.9	654,736.5	824,198.4	20.2	55.4	116.4	0.004
	2019	676,958.8	40.6	676,999.4	102,408.9	-	-	-	43,218.3	531,372.2	676,999.4	16.3	44.8	117.8	0.007
	2020	795,461.4	25.9	795,487.3	98,020.3	-	-	-	52,460.5	645,006.5	795,487.3	19.8	54.2	114.1	0.004
	2021	839,700.0	-	839,700.0	105,382.3	-	-	-	55,232.3	679,085.4	839,700.0	20.8	57.0	114.4	-
Susu segar Fresh milk	2017	36,610.0	28,145.8	64,755.8	2,597.9	n.a.	-	-	-	62,157.9	64,755.8	1.9	5.3	58.9	45.3
	2018	38,489.0	26,290.9	64,779.9	1,966.2	n.a.	-	-	-	62,813.6	64,779.9	1.9	5.3	61.3	41.9
	2019	40,580.0	30,050.9	70,630.9	2,211.6	n.a.	-	-	-	68,419.3	70,630.9	2.1	5.8	59.3	43.9
	2020	41,778.0	35,607.5	77,385.5	12,296.8	n.a.	-	-	-	65,088.7	77,385.5	2.0	5.5	64.2	54.7
	2021	38,729.0	42,995.0	81,724.0	13,372.8	n.a.	-	-	-	68,351.2	81,724.0	2.1	5.7	56.7	62.9

Jadual 4 : Akaun Pembekalan dan Penggunaan bagi Ternakan Terpilih, Malaysia, 2017-2021 (samb.)
Table 4 : Supply and Utilization Accounts for Selected Livestock, Malaysia, 2017-2021 (cont'd)

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri Self-sufficiency ratio	Kadar kebergantungan import Import dependency ratio
		Pengeluaran Production	Import Imports	Jumlah Pembekalan Total Supply	Ekspor Exports	Benih Seed	Makanan ternakan Feed	Kerugian Loss	Prosesan Processing	Makanan Food	Jumlah Penggunaan Total Utilization	Kuantiti setahun Quantity per year	Kuantiti sehari Quantity per day	(peratus) (per cent)	(peratus) (per cent)
		(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(kg/year) (kg/year)	(g/hari) (g/day)		
Daging itik Duck meat	2017	66,594.1	611.2	67,205.3	16,216.3	n.a.	-	-	2,594.3	48,394.7	67,205.3	1.5	4.1	130.6	1.2
	2018	66,147.5	162.9	66,310.4	15,867.6	n.a.	-	-	2,566.5	47,876.2	66,310.4	1.5	4.1	131.1	0.3
	2019	66,211.7	1.9	66,213.6	15,307.3	n.a.	-	-	2,590.1	48,316.2	66,213.6	1.5	4.1	130.1	0.0037
	2020	74,160.9	0.1	74,161.0	14,929.6	n.a.	-	-	3,013.7	56,217.8	74,161.0	1.7	4.7	125.2	0.0002
	2021	69,762.2	10.1	69,772.3	16,360.5	n.a.	-	-	2,717.6	50,694.2	69,772.3	1.6	4.3	130.6	0.0190

* Data 2017 hingga 2021 adalah berdasarkan 40 peratus penduduk bukan Islam yang diperoleh daripada Banci Penduduk dan Perumahan Malaysia 2010
Data for 2017 to 2021 are based on 40 per cent of non-Muslims population that obtained from Population and Housing Census of Malaysia 2010

Jadual 5 : Akaun Pembekalan dan Penggunaan bagi Perikanan Terpilih, Malaysia, 2017-2021
Table 5: Supply and Utilization Accounts for Selected Fisheries, Malaysia, 2017-2021

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization								Penggunaan per kapita Per capita consumption		Kadar sara diri	Kadar kebergantungan import
		Pengeluaran Production (tan metrik) (tonnes)	Import Imports (tan metrik) (tonnes)	Jumlah Pembekalan Total Supply (tan metrik) (tonnes)	Eksport Exports (tan metrik) (tonnes)	Benih Seed (tan metrik) (tonnes)	Makanan ternakan Feed (tan metrik) (tonnes)	Kerugian Loss (tan metrik) (tonnes)	Prosesan Processing (tan metrik) (tonnes)	Makanan Food (tan metrik) (tonnes)	Jumlah Penggunaan Total Utilization (tan metrik) (tonnes)	Per capita consumption		Self-sufficiency ratio (peratus) (per cent)	Import dependency ratio (peratus) (per cent)	
												Kuantiti setahun Quantity per year (kg/tahun) (kg/year)	Kuantiti sehari Quantity per day (g/hari) (g/day)			
Udang Shrimp	2017	161,551.6	19,079.8	180,631.4	23,562.9	-	-	-	21,987.2	135,081.3	180,631.4	4.2	11.6	102.9	12.1	
	2018	162,532.8	25,190.0	187,722.8	25,951.5	-	-	-	22,120.7	139,650.6	187,722.8	4.3	11.8	100.5	15.6	
	2019	160,874.9	30,281.7	191,156.6	34,748.0	-	-	-	21,895.1	134,513.6	191,156.6	4.1	11.3	102.9	19.4	
	2020	156,209.8	26,853.2	183,063.1	29,408.3	-	-	-	21,260.2	132,394.6	183,063.1	4.1	11.1	101.7	17.5	
	2021	173,593.1	33,451.5	207,044.6	34,159.6	-	-	-	23,626.0	149,258.9	207,044.6	4.6	12.5	100.4	19.3	
Tuna	2017	81,360.6	3,048.7	84,409.3	1,452.8	-	-	-	1,464.5	81,492.0	84,409.3	2.5	7.0	98.1	3.7	
	2018	71,991.2	1,922.6	73,913.8	3,429.2	-	-	-	1,295.8	69,188.8	73,913.8	2.1	5.9	102.1	2.7	
	2019	91,675.5	2,969.2	94,644.7	4,184.4	-	-	-	1,650.2	88,810.2	94,644.7	2.7	7.5	101.3	3.3	
	2020	84,481.0	1,827.4	86,308.5	8,134.9	-	-	-	1,520.7	76,652.9	86,308.5	2.4	6.4	108.1	2.3	
	2021	66,510.1	3,911.0	70,421.1	3,102.0	-	-	-	1,197.2	66,121.9	70,421.1	2.0	5.5	98.8	5.8	
Mackerel	2017	139,908.3	30,914.6	170,822.9	2,054.4	-	-	-	3,455.7	165,312.7	170,822.9	5.2	14.1	82.9	18.3	
	2018	158,690.6	31,719.6	190,410.3	7,003.3	-	-	-	3,919.7	179,487.3	190,410.3	5.5	15.2	86.5	17.3	
	2019	161,255.6	31,633.0	192,888.5	2,148.4	-	-	-	3,983.0	186,757.1	192,888.5	5.7	15.7	84.5	16.6	
	2020	168,227.5	28,444.2	196,671.7	5,836.8	-	-	-	4,155.2	186,679.7	196,671.7	5.7	15.7	88.2	14.9	
	2021	161,146.5	29,912.3	191,058.8	31,040.5	-	-	-	3,980.3	156,037.9	191,058.8	4.8	13.1	100.7	18.7	
Ketam Crab	2017	15,519.9	3,891.0	19,410.9	2,652.4	-	-	-	4,146.1	12,612.4	19,410.9	0.4	1.1	92.6	23.2	
	2018	15,421.9	5,845.5	21,267.4	3,530.4	-	-	-	4,388.2	13,348.9	21,267.4	0.4	1.1	86.9	33.0	
	2019	15,460.4	5,161.8	20,622.2	4,176.4	-	-	-	4,068.7	12,377.1	20,622.2	0.4	1.0	94.0	31.4	
	2020	14,326.6	4,993.4	19,320.0	4,121.8	-	-	-	3,760.1	11,438.2	19,320.0	0.4	1.0	94.3	32.9	
	2021	15,939.6	5,611.6	21,551.2	6,278.1	-	-	-	3,778.6	11,494.5	21,551.2	0.4	1.0	104.4	36.7	
Sotong Cuttlefish	2017	71,243.2	16,809.9	88,053.1	20,074.3	-	-	-	199.5	67,779.3	88,053.1	2.1	5.8	104.8	24.7	
	2018	69,690.7	16,501.8	86,192.5	19,430.9	-	-	-	195.1	66,566.4	86,192.5	2.1	5.6	104.4	24.7	
	2019	70,603.0	24,559.4	95,162.4	30,578.8	-	-	-	197.7	64,385.9	95,162.4	2.0	5.4	109.3	38.0	
	2020	62,582.9	33,775.4	96,358.3	31,602.3	-	-	-	175.2	64,580.8	96,358.3	2.0	5.4	96.6	52.2	
	2021	57,157.3	46,707.2	103,864.6	32,386.6	-	-	-	160.0	71,317.9	103,864.6	2.2	6.0	80.0	65.3	
Tilapia	2017	32,526.5	766.6	33,293.0	450.3	-	-	-	-	32,842.7	33,293.0	1.0	2.8	99.0	2.3	
	2018	31,915.6	603.5	32,519.1	395.1	-	-	-	-	32,123.9	32,519.1	1.0	2.7	99.4	1.9	
	2019	37,778.0	827.3	38,605.4	416.3	-	-	-	-	38,189.1	38,605.4	1.2	3.2	98.9	2.2	
	2020	33,917.6	468.2	34,385.8	439.0	-	-	-	-	33,946.8	34,385.8	1.0	2.9	99.9	1.4	
	2021	38,543.9	959.8	39,503.7	575.5	-	-	-	-	38,928.1	39,503.7	1.2	3.3	99.0	2.5	

Jadual 5 : Akaun Pembekalan dan Penggunaan bagi Perikanan Terpilih, Malaysia, 2017-2021 (samb.)
Table 5 : Supply and Utilization Accounts for Selected Fisheries, Malaysia, 2017-2021 (cont'd)

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri	Kadar kebergantungan import
		Pengeluaran Production	Import Imports	Jumlah Pembekalan Total Supply	Ekspor Exports	Benih Seed	Makanan ternakan Feed	Kerugian Loss	Prosesan Processing	Makanan Food	Jumlah Penggunaan Total Utilization	Kuantiti setahun Quantity per year	Kuantiti sehari Quantity per day	Self-sufficiency ratio	Import dependency ratio
		(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(tan metrik) (tonnes)	(kg/tahun) (kg/year)	(g/hari) (g/day)	(peratus) (per cent)	(peratus) (per cent)
Selayang Sardine	2017	79,694.1	13,756.7	93,450.7	469.9	-	-	-	2,296.6	90,684.2	93,450.7	2.8	7.8	85.7	14.8
	2018	84,327.9	14,506.2	98,834.1	1,172.6	-	-	-	2,412.2	95,249.2	98,834.1	2.9	8.1	86.3	14.9
	2019	69,746.0	13,592.2	83,338.2	1,390.6	-	-	-	2,024.1	79,923.5	83,338.2	2.5	6.7	85.1	16.6
	2020	79,067.7	19,328.3	98,396.0	397.5	-	-	-	2,420.6	95,577.9	98,396.0	2.9	8.0	80.7	19.7
	2021	60,325.4	20,530.7	80,856.1	340.3	-	-	-	1,988.7	78,527.1	80,856.1	2.4	6.6	74.9	25.5
Cencaru Torpedo scad	2017	28,817.0	7,111.1	35,928.2	1,713.6	-	-	-	-	34,214.6	35,928.2	1.1	2.9	84.2	20.8
	2018	33,182.6	2,222.3	35,404.9	1,096.4	-	-	-	-	34,308.5	35,404.9	1.1	2.9	96.7	6.5
	2019	32,420.2	1,670.7	34,091.0	991.1	-	-	-	-	33,099.9	34,091.0	1.0	2.8	97.9	5.0
	2020	26,471.4	1,091.7	27,563.1	185.7	-	-	-	-	27,377.4	27,563.1	0.8	2.3	96.7	4.0
	2021	28,701.0	2,547.3	31,248.2	656.9	-	-	-	-	30,591.3	31,248.2	0.9	2.6	93.8	8.3
Keli Freshwater catfish	2017	34,915.8	988.3	35,904.0	1,608.2	-	-	-	-	34,295.8	35,904.0	1.1	2.9	101.8	2.9
	2018	33,419.0	916.3	34,335.3	1,812.7	-	-	-	-	32,522.6	34,335.3	1.0	2.8	102.8	2.8
	2019	28,464.1	790.1	29,254.2	1,076.7	-	-	-	-	28,177.5	29,254.2	0.9	2.4	101.0	2.8
	2020	29,012.8	1,578.0	30,590.8	1,252.1	-	-	-	-	29,338.6	30,590.8	0.9	2.5	98.9	5.4
	2021	31,957.8	359.5	32,317.4	2,819.9	-	-	-	-	29,497.5	32,317.4	0.9	2.5	108.3	1.2
Siakap Seabass	2017	32,802.9	3,758.6	36,561.5	205.6	-	-	-	-	36,355.9	36,561.5	1.1	3.1	90.2	10.3
	2018	23,875.0	3,264.4	27,139.4	84.1	-	-	-	-	27,055.4	27,139.4	0.8	2.3	88.2	12.1
	2019	19,516.2	1,355.4	20,871.7	99.0	-	-	-	-	20,772.7	20,871.7	0.6	1.7	94.0	6.5
	2020	26,365.8	1,307.3	27,673.1	106.1	-	-	-	-	27,567.0	27,673.1	0.8	2.3	95.6	4.7
	2021	38,063.8	1,214.0	39,277.8	169.7	-	-	-	-	39,108.2	39,277.8	1.2	3.3	97.3	3.1
Kerisi Threadfin bream	2017	51,688.7	69.2	51,757.9	51.1	-	-	-	-	51,706.9	51,757.9	1.6	4.4	100.0	0.1
	2018	46,021.1	59.8	46,080.8	288.5	-	-	-	-	45,792.3	46,080.8	1.4	3.9	100.5	0.1
	2019	42,696.3	218.1	42,914.3	53.8	-	-	-	-	42,860.6	42,914.3	1.3	3.6	99.6	0.5
	2020	41,072.3	78.4	41,150.6	98.9	-	-	-	-	41,051.7	41,150.6	1.3	3.5	100.0	0.2
	2021	36,974.6	338.8	37,313.4	244.5	-	-	-	-	37,068.9	37,313.4	1.1	3.1	99.7	0.9
Pari Stingray	2017	13,311.0	2,393.5	15,704.5	20.9	-	-	-	-	15,683.6	15,704.5	0.5	1.3	84.9	15.3
	2018	11,992.7	3,797.3	15,790.0	332.5	-	-	-	-	15,457.5	15,790.0	0.5	1.3	77.6	24.6
	2019	11,590.3	923.0	12,513.3	338.1	-	-	-	-	12,175.3	12,513.3	0.4	1.0	95.2	7.6
	2020	9,823.0	1,954.8	11,777.8	196.7	-	-	-	-	11,581.0	11,777.8	0.4	1.0	84.8	16.9
	2021	10,124.5	722.7	10,847.1	375.8	-	-	-	-	10,471.3	10,847.1	0.3	0.9	96.7	6.9

Jadual 5 : Akaun Pembekalan dan Penggunaan bagi Perikanan Terpilih, Malaysia, 2017-2021 (samb.)
Table 5: Supply and Utilization Accounts for Selected Fisheries, Malaysia, 2017-2021 (cont'd)

Item	Tahun Year	Pembekalan Supply			Penggunaan Utilization							Penggunaan per kapita Per capita consumption		Kadar sara diri	Kadar kebergantungan import
		Pengeluaran Production (tan metrik) (tonnes)	Import Imports (tan metrik) (tonnes)	Jumlah Pembekalan Total Supply (tan metrik) (tonnes)	Eksport Exports (tan metrik) (tonnes)	Benih Seed (tan metrik) (tonnes)	Makanan ternakan Feed (tan metrik) (tonnes)	Kerugian Loss (tan metrik) (tonnes)	Prosesan Processing (tan metrik) (tonnes)	Makanan Food (tan metrik) (tonnes)	Jumlah Penggunaan Total Utilization (tan metrik) (tonnes)	Kuantiti setahun Quantity per year (kg/tahun) (kg/year)	Kuantiti sehari Quantity per day (g/hari) (g/day)	Self-sufficiency ratio (peratus) (per cent)	Import dependency ratio (peratus) (per cent)
Patin River catfish	2017	20,123.6	2.9	20,126.5	10.9	-	-	-	-	20,115.7	20,126.5	0.6	1.7	100.0	0.015
	2018	18,454.4	0.4	18,454.8	60.1	-	-	-	-	18,394.7	18,454.8	0.6	1.6	100.3	0.002
	2019	17,649.5	-	17,649.5	369.6	-	-	-	-	17,279.9	17,649.5	0.5	1.5	102.1	-
	2020	18,227.3	-	18,227.3	60.3	-	-	-	-	18,167.0	18,227.3	0.6	1.5	100.3	-
	2021	21,144.2	-	21,144.2	4.0	-	-	-	-	21,140.2	21,144.2	0.6	1.8	100.0	-

Jadual 6 : Penggunaan Per Kapita bagi Item Pertanian Terpilih mengikut Negeri, Malaysia, 2021
Table 6 : Per Capita Consumption of Selected Agricultural Item by State, Malaysia, 2021

Item Pertanian Terpilih Selected Agricultural Item	(kg/tahun / kg/year)							
	Malaysia	Johor	Kedah	Kelantan	Melaka	Negeri Sembilan	Pahang	Pulau Pinang
Durian	12.3	6.0	5.9	16.4	21.0	6.7	5.5	10.2
Mangga Mango	2.2	1.1	1.5	5.6	2.2	2.0	4.6	1.0
Nanas Pineapple	8.4	8.0	7.6	12.5	12.1	7.5	7.3	8.8
Cili* Chilli*	2.2	3.8	2.7	1.3	1.6	2.3	1.1	2.2
Kobis bulat Round cabbage	6.6	4.5	5.2	8.4	6.7	4.7	5.4	5.0
Timun Cucumber	2.6	2.2	2.8	3.5	2.6	2.2	3.8	2.2
Tomato	4.2	2.7	3.4	2.4	2.6	2.8	2.4	5.5
Sawi Mustard	4.7	3.6	5.6	5.4	4.0	4.0	3.1	6.0

Nota/ Notes :

*** Tidak termasuk cili padi**
 Not included hot chilli

Sumber: Jabatan Perangkaan Malaysia
 Source: Department of Statistics Malaysia

Penggunaan Per Kapita 2020 dikira menggunakan proksi data Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2019, manakala maklumat lain adalah menggunakan data 2020
 Per Capita Consumption 2020 is calculated based on proxy of Household Income, Expenditure and Basic Amenities (HIES/BA) Survey 2019 data, while other information were based on 2020 data

Jadual 6 : Penggunaan Per Kapita bagi Item Pertanian Terpilih mengikut Negeri, Malaysia, 2021 (samb.)
Table 6 : Per Capita Consumption of Selected Agricultural Item by State, Malaysia, 2021 (cont'd)

Item Pertanian Terpilih Selected Agricultural Item	(kg/tahun / kg/year)									
	Perak	Perlis	Selangor	Terengganu	Sabah	Sarawak	Kuala Lumpur	W.P. Labuan	W.P. Putrajaya	
Durian	17.7	15.3	11.3	10.5	12.8	17.7	22.6	1.2	6.3	
Mangga Mango	2.0	2.4	2.3	4.9	1.0	0.8	2.9	0.3	1.2	
Nanas Pineapple	7.9	6.9	8.1	17.8	3.5	10.1	6.8	13.5	10.0	
Cili* Chilli*	2.4	1.5	2.7	2.4	0.4	1.0	2.3	0.2	2.4	
Kabis bulat Round cabbage	6.9	7.8	8.2	6.0	7.3	6.0	6.3	5.2	5.7	
Timun Cucumber	2.2	1.7	2.5	4.8	2.6	2.6	2.0	0.8	1.1	
Tomato	3.9	1.5	9.2	3.2	1.4	1.1	3.6	1.0	2.0	
Sawi Mustard	4.9	4.0	5.7	4.1	4.8	3.2	4.4	3.1	1.7	

Nota/ Notes :

*** Tidak termasuk cili padi**
 Not included bird's eye chilli

Sumber: Jabatan Perangkaan Malaysia
 Source: Department of Statistics Malaysia

Penggunaan Per Kapita 2020 dikira menggunakan proksi data Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2019, manakala maklumat lain adalah menggunakan data 2020
 Per Capita Consumption 2020 is calculated based on proxy of Household Income, Expenditure and Basic Amenities (HIES/BA) Survey 2019 data, while other informations were based on 2020 data

Jadual 7 : Harga Purata bagi Item Pertanian Terpilih, Malaysia, 2019-2021
Table 7 : Average Price of Selected Agricultural Item, Malaysia, 2019-2021

(RM)

Item Pertanian Terpilih Selected Agricultural Item	Unit	2019	2020	2021
Kelapa (dikupas) : Besar/ Big	biji/ each	2.45	2.55	2.60
<i>Coconut (peeled)</i> : Sedang/ Medium	biji/ each	2.30	2.35	2.30
: Kecil/ Small	biji/ each	1.90	1.95	1.90
: Tidak Digred/ Not Graded	biji/ each	2.00	2.15	2.20
Nanas	kg	3.84	3.91	3.95
<i>Pineapple</i>				
Pisang : Pisang Emas	kg	4.27	4.41	4.51
<i>Banana</i> : Pisang Rastali	kg	4.12	4.29	4.35
: Pisang Berangan	kg	4.73	4.98	4.94
Tembikai : Berbiji/ Seeds	kg	3.12	3.12	3.16
<i>Watermelon</i> : Tanpa Biji/ Seedless	kg	2.80	2.93	3.07
Mangga (Chukonan)	kg	8.30	8.66	8.99
<i>Mango (Chukonan)</i>				
Rambutan	kg	6.30	6.23	8.50
<i>Rambutan</i>				
Durian : Durian Kampung	kg	8.25	8.67	10.95
<i>Durian</i> : Durian Kahwin		14.71	13.27	16.40
Manggis	kg	7.20	8.00	7.75
<i>Mangosteen</i>				
Cempedak	kg	7.35	7.30	7.10
<i>Jackfruit</i>				
Nangka	kg	5.20	5.85	6.50
<i>Jackfruit</i>				
Jambu Batu : Berbiji/ Seeds	kg	5.31	5.62	5.80
<i>Guava</i> : Tanpa Biji/ Seedless	kg	7.58	8.41	8.76
Jagung Manis	tongkol/ cob	1.50	1.45	1.50
<i>Sweet Corn</i>				
Betik	kg	3.71	3.54	3.76
<i>Papaya</i>				
Belimbing : B10	kg	5.50	5.60	5.90
<i>Starfruit</i> : B17	kg	5.95	6.40	6.65
Langsat	kg	7.42	8.42	8.10
<i>Langsat</i>				
Kobis Bulat : Tempatan/ Local	kg	3.91	4.17	4.50
<i>Round Cabbage</i> : China	kg	3.99	3.91	4.49
Tomato	kg	4.96	5.64	5.63
<i>Tomato</i>				

Jadual 7 : Harga Purata bagi Item Pertanian Terpilih, Malaysia, 2019-2021 (samb.)
Table 7 : Average Price of Selected Agricultural Item, Malaysia, 2019-2021 (cont'd)

(RM)

Item Pertanian Terpilih Selected Agricultural Item	Unit	2019	2020	2021
Cili : Cili Merah/ Red Chilli (Kulai)	kg	15.51	15.07	15.18
<i>Chilli</i> Cili Merah/ Red Chilli (Minyak)	kg	14.40	13.80	13.82
Cili Hijau/ Green Chilli	kg	12.11	12.54	12.94
Cili Hijau/ Green Chilli (Kulai)	kg	11.81	12.04	12.40
Timun	kg	3.39	3.36	3.69
<i>Cucumber</i>				
Sawi : Bunga	kg	6.77	7.00	7.51
<i>Mustard</i> Biasa	kg	4.67	4.77	5.60
Terung	kg	6.40	6.98	7.30
<i>Brinjal</i>				
Kacang Panjang	kg	6.34	6.55	6.85
<i>Long Beans</i>				
Bendi	kg	7.32	7.54	7.81
<i>Lady's Fingers</i>				
Bayam	kg	4.45	4.56	4.86
<i>Spinach</i>				
Salad Bulat	kg	6.80	7.15	7.83
<i>Round Lettuce</i>				
Ubi Kayu	kg	3.10	3.45	3.50
<i>Cassava</i>				
Ubi Keledek	kg	4.26	4.46	4.49
<i>Sweet Potato</i>				
Halia : Tempatan/ Local	kg	11.52	12.46	12.90
<i>Ginger</i> Import	kg	8.24	10.51	10.46
Limau Nipis	kg	7.39	7.08	7.80
<i>Lime</i>				
Limau Kasturi	kg	5.97	5.95	6.67
<i>Lime</i>				
Daging Lembu : Tempatan/ Local	kg	31.99	32.19	34.54
<i>Beef</i> India	kg	18.93	19.23	19.65
Australia	kg	27.33	27.33	28.30
Daging Kambing/ Bebiri : Daging Kaki/ Leg Meat	kg	31.88	33.58	36.40
<i>Mutton</i>				
Daging Babi	kg	21.85	22.29	22.62
<i>Pork</i>				
Daging Ayam	kg	8.21	8.41	8.80
<i>Chicken Meat</i>				

Jadual 7 : Harga Purata bagi Item Pertanian Terpilih, Malaysia, 2019-2021 (samb.)
Table 7 : Average Price of Selected Agricultural Item, Malaysia, 2019-2021 (cont'd)

(RM)

Item Pertanian Terpilih Selected Agricultural Item	Unit	2019	2020	2021
Daging Ilik Duck Meat	kg	13.81	13.61	14.28
Telur : Gred/ Grade A	10 biji/ each	4.16	3.84	4.03
Egg : Gred/ Grade B	10 biji/ each	3.94	3.58	3.74
Gred/ Grade C	10 biji/ each	3.80	3.33	3.47
Susu Segar, UHT Fresh Milk, UHT	liter/ litre	6.89	6.91	6.98
Udang : 3-6 cm Shrimp 8-12 cm	kg	17.43	17.74	18.72
13-15 cm		30.46	31.12	32.20
		42.46	42.58	41.79
Tuna : Tongkol Hitam/ Longtail Tuna, Black	kg	11.90	11.98	12.63
Tuna : Tongkol Putih/ Longtail Tuna, White	kg	11.03	10.96	11.62
Mackerel : Kembong/ Indian Mackerel	kg	14.71	14.78	15.28
Pelaling/ Indian Mackerel	kg	12.64	11.35	12.08
Tenggiri, Batang/ Narrow-barred Spanish Mackerel	kg	31.77	32.42	34.30
Tenggiri, Papan/ Spotted Spanish Mackerel	kg	25.58	26.69	27.75
Ketam Crab	kg	28.69	29.27	29.88
Sotong (10-12 sm) Cuttlefish (10-12 cm)	kg	24.45	26.35	29.21
Tilapia : Hitam/ Black	kg	8.08	8.05	8.44
Tilapia : Merah/ Red	kg	14.26	14.12	14.77
Selayang Sardine	kg	9.85	9.70	11.04
Cencaru Torpedo Scad	kg	10.06	10.17	10.92
Keli	kg	7.08	7.36	7.50
Freshwater Catfish	kg	10.93	10.84	11.00

Sumber: Jabatan Perangkaan Malaysia (DOSM), Lembaga Pemasaran Pertanian Persekutuan (FAMA)
Source: Department of Statistics Malaysia (DOSM), Federal Agriculture Marketing Authority (FAMA)

Jadual 8 : Bilangan Penduduk, Malaysia, 2017-2021
Table 8 : Number of Populations, Malaysia, 2017-2021

Negeri State	2017	2018	2019	2020	2021
	('000)				
Malaysia	32,022.6	32,382.3	32,523.0	32,584.0	32,655.4
Johor	3,697.0	3,749.4	3,761.2	3,773.5	3,794.0
Kedah	2,143.9	2,163.0	2,173.7	2,182.6	2,194.1
Kelantan	1,829.0	1,860.5	1,883.8	1,904.9	1,928.8
Melaka	913.1	922.4	928.4	931.8	937.5
Negeri Sembilan	1,114.0	1,122.9	1,126.2	1,127.1	1,129.1
Pahang	1,647.0	1,664.7	1,671.4	1,676.8	1,684.6
Pulau Pinang	1,744.1	1,762.8	1,768.8	1,770.4	1,774.4
Perak	2,493.2	2,503.5	2,508.8	2,507.9	2,508.9
Perlis	252.0	253.5	254.0	254.7	255.4
Selangor	6,380.7	6,475.0	6,506.1	6,524.6	6,555.4
Terengganu	1,208.0	1,228.3	1,244.5	1,258.5	1,275.1
Sabah	3,855.9	3,898.4	3,904.4	3,882.8	3,833.0
Sarawak	2,766.3	2,791.7	2,806.0	2,813.1	2,822.2
W.P. Kuala Lumpur	1,793.2	1,790.0	1,782.5	1,766.0	1,746.6
W.P. Labuan	97.6	99.0	99.3	99.4	100.1
W.P. Putrajaya	87.5	97.2	103.7	109.9	116.1

Nota: Data berdasarkan Anggaran Penduduk Pertengahan Tahun berasaskan data Banci Penduduk dan Perumahan 2010 yang disesuaikan

Notes: Data based on Mid-Year population Estimates based on adjusted Population and Housing Census of Malaysia 2010

Hasil tambah mungkin berbeza kerana pembundaran

The added total may differ due to rounding

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NOTA TEKNIKAL
TECHNICAL NOTES

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1. Pengenalan

- 1.1 Akaun Pembekalan dan Penggunaan (SUA) merupakan akaun imbalan yang memaparkan elemen pembekalan (stok awal, pengeluaran dan import) dan penggunaan (eksport, benih, makanan ternakan, kerugian, prosesan, stok akhir dan makanan).
- 1.2 Penerbitan pertama SUA pada 2010 meliputi sembilan komoditi tanaman terpilih. Komoditi ternakan terpilih diliputi pada penerbitan 2011 manakala perikanan terpilih pada 2012. Bagi penerbitan kali ini, sebanyak 50 komoditi pertanian terpilih telah diliputi dalam SUA termasuk empat item baharu perikanan iaitu siakap, kerisi, patin dan pari.
- 1.3 Kadar sara diri dan penggunaan per kapita bagi beras yang dimasukkan dalam penerbitan ini diperoleh daripada Kementerian Pertanian dan Industri Makanan.

2. Pemilihan komoditi pertanian terpilih

- 2.1 Asas pemilihan komoditi pertanian terpilih adalah berdasarkan kepada kepentingan SUA dalam:
 - i. Menganalisa trend pembekalan dan penggunaan bahan makanan negara;
 - ii. Memantau status jaminan keselamatan makanan negara; dan
 - iii. Menganalisa dan merancang polisi bagi pertanian agromakanan.
- 2.2 Pemilihan komoditi pertanian terpilih ini telah dipersetujui oleh ahli Jawatankuasa Teknikal SUA dan diluluskan oleh Jawatankuasa Pemandu SUA.
- 2.3 Komoditi pertanian yang dipilih dalam penyusunan SUA adalah komoditi yang tersenarai dalam Dasar Agromakanan Negara (DAN) dan memfokuskan kepada makanan yang memberi kesan langsung kepada pengguna. Selain itu, pemilihan item juga berdasarkan kepada item kumpulan makanan yang banyak dibelanjakan hasil dapatan Survei Perbelanjaan Isi Rumah.
- 2.4 Liputan komoditi tersebut bergantung kepada ketersediaan dan kestabilan data bagi pengeluaran, import & eksport.

3. Sumber data

- 3.1 Data pengeluaran bagi komoditi tanaman, ternakan dan perikanan terpilih diperoleh daripada:
 - Jabatan Pertanian Malaysia;
 - Jabatan Perkhidmatan Veterinar; dan
 - Jabatan Perikanan Malaysia.
- 3.2 Data import dan eksport diperoleh dari sistem maklumat Jabatan Kastam Diraja Malaysia yang disusun semula oleh Jabatan Perangkaan Malaysia. Klasifikasi kod import dan eksport bagi 2009 hingga 2012 adalah berdasarkan HS 2007/SITC *Revision 4* manakala 2013 dan 2014 berdasarkan HS 2012/SITC *Revision 4*. Klasifikasi kod import dan eksport bagi 2018 pula menggunakan HS 2017 atau Perintah Duti Kastam (2017)/ SITC *Revision 4*.

- 3.3 Data prosesan bagi beberapa komoditi tanaman terpilih dan ternakan terpilih diperoleh melalui Penyiasatan Pembuatan Tahunan, manakala selebihnya menggunakan kadar dari Filipina dan Indonesia.
- 3.4 Data prosesan untuk komoditi perikanan terpilih (kecuali ketam) diperoleh dengan menggunakan kadar prosesan yang dibekalkan oleh Jabatan Perikanan Malaysia.
- 3.5 Data benih, makanan ternakan dan kerugian diperoleh dengan mengguna pakai kadar dari Filipina dan Indonesia. Bagi beberapa komoditi pertanian terpilih, data makanan ternakan dan kerugian digabungkan dengan mengguna pakai kadar dari Filipina dan Indonesia.

No.	Item	Kadar (%)			
		Benih	Makanan ternakan	Kerugian	Prosesan
1	Kelapa	0.05	-	2.5	3.6
2	Nanas	-	5.0		18.8
3	Pisang	-	-	4.7	1.4
4	Tembikai	-	6.0		-
5	Mangga	-	5.8		0.3
6	Rambutan	-	-	3.0	5.0
7	Durian	-	-	3.0	-
8	Manggis	-	6.0		-
9	Cempedak/ nangka	-	6.0		-
10	Jambu batu	-	-		6.5
11	Jagung manis	-	-	-	12.6
12	Betik	-	6.0		-
13	Belimbing	-	-	-	-
14	Langsat	-	6.0		-
15	Bayam	-	-	2.7	-
16	Bendi	0.03	8.0		-
17	Cili	0.7	-	5.0	22.8
18	Kacang panjang	0.4	-	2.7	-
19	Kobis bulat	-	-	5.6	-
20	Sawi	-	-	2.5	-
21	Terung	-	-	2.5	-
22	Timun	-	-	2.5	0.05
23	Tomato	-	7.0		5.8

NOTA TEKNIKAL

No.	Item	Kadar (%)			
		Benih	Makanan ternakan	Kerugian	Prosesan
24	Salad	-	-	-	-
25	Ubi kayu	-	6.0		84.0
26	Ubi keledak	-	5.0		84.0
27	Tebu	-	-	-	99.0
28	Halia	-	8.0		-
29	Limau nipis/kasturi	-	3.0		-
30	Daging lembu/kerbau	-	-	-	7.7
31	Daging kambing/bebiri	-	-	-	-
32	Daging babi	-	-	-	2.2
33	Daging ayam	-	-	-	5.1
34	Daging itik	-	-	-	5.1
35	Telur ayam/itik	-	-	-	7.5
36	Susu segar	-	-	-	-
37	Udang	-	-	-	13.61
38	Tuna	-	-	-	32.0
39	Mackerel	-	-	-	2.47
40	Ketam	-	-	-	24.7
41	Sotong	-	-	-	0.28
42	Tilapia	-	-	-	-
43	Selayang	-	-	-	2.47
44	Cencaru	-	-	-	-
45	Keli	-	-	-	-
46	Siakap	-	-	-	-
47	Kerisi	-	-	-	-
48	Patin	-	-	-	-
49	Pari	-	-	-	-

4. Konsep dan definisi SUA

- 4.1 *Food Balance Sheets - A Handbook*, Food and Agriculture Organization of the United Nations (FAO), Rome, 2001 dan *Guidelines for the Compilation of Food Balance Sheet* oleh FAO, 2017 merupakan sumber rujukan utama dalam menentukan konsep dan definisi yang diguna pakai di dalam penerbitan ini.
- 4.2 Pengiraan yang diguna pakai adalah berdasarkan kepada formula dan cadangan oleh FAO.

- 4.3 SUA disusun dalam kuantiti fizikal dan memaparkan statistik pembekalan dan penggunaan yang disimpan bersama secara fizikal dalam satu lembaran untuk memadankan elemen pembekalan dengan penggunaan. Akaun tersebut adalah dalam bentuk persamaanimbangan iaitu:

$$\text{Jumlah Pembekalan} = \text{Jumlah Penggunaan}$$

4.4 Elemen Pembekalan

Elemen pembekalan terdiri daripada stok awal, pengeluaran dan import.

- 4.4.1 **Stok awal**¹ ialah kuantiti stok bagi sesuatu komoditi yang ada pada awal tempoh rujukan.

- 4.4.2 **Pengeluaran** merujuk kepada jumlah pengeluaran yang berlaku dalam tempoh rujukan. Ini termasuk pengeluaran sebenar dari ladang dan pengeluaran dari kebun.

Pengeluaran bagi komoditi ternakan merujuk kepada binatang yang telah disembelih dan dibersihkan, manakala pengeluaran untuk komoditi perikanan merujuk kepada tangkapan nominal iaitu berat bersih daripada pendaratan ikan tidak termasuk tangkapan yang rosak, tidak cukup saiz atau yang dimakan oleh nelayan itu sendiri.

- 4.4.3 **Import**² merujuk kepada kemasukan komoditi³ ke dalam negara untuk penggunaan domestik.

4.5 Elemen Penggunaan

Elemen penggunaan ialah eksport, benih, makanan ternakan, kerugian, prosesan, stok akhir dan makanan.

- 4.5.1 **Eksport**² merujuk kepada pergerakan komoditi³ ke luar negara.

- 4.5.2 **Benih** ialah sejumlah komoditi yang diperuntukkan bagi tujuan penanaman baru atau penanaman semula atau pembiakan.

Elemen benih dalam SUA bagi telur diganti dengan elemen penetasan. Penetasan ialah sejumlah kuantiti yang diperuntukkan daripada pengeluaran untuk tujuan penetasan.

Bagi komoditi ternakan terpilih (selain telur), elemen benih tidak diambil kira dalam jadual SUA kerana ia bukan binatang hidup yang memerlukan peruntukan sejumlah kuantiti untuk tujuan pembiakan tetapi ia merujuk kepada binatang yang telah disembelih dan dibersihkan.

¹ Bermula penerbitan SUA 2013, stok awal dan stok akhir dikeluarkan daripada semua jadual SUA kerana tiada data.

² Tidak termasuk data re-export.

³ Hanya komoditi segar dan sejuk beku, tidak termasuk yang telah diproses

- 4.5.3 **Makanan ternakan** merujuk kepada jumlah komoditi yang digunakan untuk makanan ternakan.
- 4.5.4 **Kerugian** merujuk kepada jumlah komoditi yang rosak atau mengalami kerugian semasa proses pengendalian, pendaratan, penyimpanan dan semasa proses pengangkutan. Sebahagian daripada komoditi yang rosak kadang-kadang digunakan untuk makanan ternakan.
- 4.5.5 **Prosesan** merujuk kepada kuantiti yang diguna untuk prosesan makanan dan makanan ternakan dari produk utama, contoh pisang yang digunakan dalam pembuatan kerepek pisang dan produk bakeri; nanas diproses untuk makanan dalam tin; kelapa untuk kelapa kering dan sebagainya.
- 4.5.6 **Stok akhir**¹ ialah kuantiti stok bagi sesuatu komoditi yang ada pada akhir tempoh rujukan.
- 4.5.7 Makanan merujuk kepada jumlah makanan yang tersedia ada untuk kegunaan manusia dalam tempoh rujukan. Secara praktisnya, ia merupakan baki setelah semua komponen penggunaan lain ditentukan.

Makanan

=Jumlah pembekalan bersih - (Benih + Makanan Ternakan + Kerugian + Prosesan)

Jumlah pembekalan bersih

= (Pengeluaran + Import ± Stok) - Eksport

5. Prosedur penyediaan SUA

- 5.1 Unit pengukuran yang digunakan untuk semua komoditi terpilih ialah tan metrik.
- 5.2 Purata berat telur yang diambil untuk penyediaan SUA telur ialah 60 gram sebiji. Berat dalam gram akan ditukar kepada tan metrik.
- 5.3 Purata berat ayam hidup untuk penyediaan SUA daging ayam ialah 1.7 kg/ekor manakala purata berat itik hidup ialah 2.6 kg/ekor.
- 5.4 Pengiraan penggunaan per kapita bagi daging babi pada 2017 hingga 2021 adalah berdasarkan 40 peratus penduduk bukan Islam yang diperoleh daripada Banci Penduduk dan Perumahan Malaysia 2010.
- 5.5 SUA boleh digunakan untuk mengira indikator pertanian seperti Kadar Sara Diri⁴ (SSR), Kadar Kebergantungan Import (IDR) dan Penggunaan Per Kapita⁴ (PCC).

¹ Bermula penerbitan SUA 2013, stok awal dan stok akhir dikeluarkan daripada semua jadual SUA kerana tiada data.

⁴ Kadar Sara Diri dan Penggunaan Per Kapita bagi beras yang dimasukkan dalam penerbitan ini diperoleh dari Kementerian Pertanian dan Industri Makanan.

- 5.5.1 SSR menerangkan sejauh mana bekalan komoditi pertanian sesebuah negara dapat memenuhi permintaan domestik. SSR yang mencapai 100 peratus atau lebih menunjukkan pengeluaran adalah mencukupi untuk memenuhi keperluan domestik.

Kadar Sara Diri

$$= \frac{\text{Pengeluaran}}{(\text{Pengeluaran} + \text{Import}) - \text{Eksport}} \times 100$$

- 5.5.2 IDR menerangkan kebergantungan sesebuah negara kepada import komoditi pertanian dalam memenuhi keperluan domestik. Semakin tinggi IDR menunjukkan semakin banyak bekalan komoditi pertanian yang diimport.

Kadar Kebergantungan Import

$$= \frac{\text{Import}}{(\text{Pengeluaran} + \text{Import}) - \text{Eksport}} \times 100$$

- 5.5.3 PCC merujuk kepada jumlah penggunaan makanan oleh setiap penduduk dalam setahun. PCC diukur dalam kilogram setahun dan gram sehari.

i. Penggunaan Per Kapita (kg/tahun)

$$= \frac{\text{Makanan (tan metrik)}}{\text{Penduduk}} \times 1,000 \text{ kg}$$

ii. Penggunaan Per Kapita (g/hari)

$$= \frac{\text{Penggunaan Per Kapita (kg/tahun)}}{365 \text{ hari}} \times 1,000 \text{ g}$$

- 5.5.4 Pengiraan PCC mengikut negeri adalah menggunakan proksi Survei Perbelanjaan Isi Rumah.

- 5.6 Kadar perubahan tahunan dikira dan ditunjukkan dalam jadual SUA.

Formula kadar perubahan tahunan:

$$Y = \frac{(Y_t - Y_{t-1})}{Y_{t-1}} \times 100$$

Di mana,

Y_t = Kuantiti pada tahun semasa
 Y_{t-1} = Kuantiti pada tahun sebelum

- 5.7 Pengiraan jumlah purata bagi PCC, SSR dan IDR dikira mengikut formula yang diberi.

5.8 Data penduduk 2017-2019 adalah Anggaran Penduduk Pertengahan Tahun berdasarkan data Banci Penduduk dan Perumahan Malaysia 2010. Data 2020 adalah daripada Banci Penduduk dan Perumahan Malaysia 2020 manakala data penduduk 2021 adalah Anggaran Penduduk Pertengahan Tahun berdasarkan data Banci Penduduk dan Perumahan Malaysia 2020.

6. Pembundaran anggaran

Jumlah bagi komponen mungkin berbeza dengan jumlah besar dalam jadual penerbitan kerana pembundaran. Walau bagaimanapun, perbezaan ini tidak ketara.

7. Simbol dan singkatan

SUA	Akaun Pembekalan dan Penggunaan
PCC	Penggunaan per kapita
SSR	Kadar sara diri
IDR	Kadar kebergantungan import
kg	Kilogram
g	Gram
p	Permulaan
e	Anggaran
r	Pindaan
n.a.	Tidak berkaitan
-	Tiada data

1. Introduction

- 1.1 Supply and Utilization Accounts (SUA) is a balancing accounts that display elements of supply (opening stock, production and imports) and utilization (exports, seed, feed, waste, processing, closing stock and food).
- 1.2 The first publication of SUA in 2010 covered nine selected crops. Commodity of selected livestock was included in 2011 publication while fisheries in 2012. For this publication, 50 selected agricultural commodities have been covered including four new fisheries items namely seabass, threadfin bream, river catfish and stingray.
- 1.3 Self-sufficiency ratio and per capita consumption of rice that are included in this publication were obtained from the Ministry of Agriculture and Food Industries.

2. Selection of selected agricultural commodities

- 2.1 The basis selection of selected agricultural based on the importance of SUA in:
 - i. Analysing the trend of supply and utilization of the country's food resources;
 - ii. Monitoring the status of national food security; and
 - iii. Analysing and designing policy for agricultural agrofood.
- 2.2 The selection of these selected agricultural commodities was agreed by the SUA Technical Committee and was approved by the SUA Steering Committee.
- 2.3 The selected agricultural commodities in the compilation of SUA are the commodities listed in the National Agrofood Policy (NAP) and are focused on foods that have direct impact on consumers. In addition, the selection of items is also based on the food group items that are mostly spent from a finding of the Household Expenditure Survey.
- 2.4 The coverage of commodities depends on the availability and stability of data for production, imports & exports data.

3. Source of data

- 3.1 Data on production for selected crops, livestock and fisheries commodities obtained from:
 - Department of Agriculture Malaysia;
 - Department of Veterinary Services; and
 - Department of Fisheries Malaysia.
- 3.2 Data imports and exports are obtained from the information system of the Royal Malaysian Customs Department and are being compiled by the Department of Statistics Malaysia. The classification of imports and exports codes for 2009 to 2012 is based on HS 2007/SITC Revision 4 while 2013 and 2014 based on HS 2012/SITC Revision 4. Whereas, the classification of imports and exports codes for 2018 is based on HS 2017 or Customs Duties Order (PDK2017) / SITC Revision 4.
- 3.3 Data on processing for several selected crop commodities and selected livestock commodities were obtained through the Annual Manufacturing Survey while the remaining

data are used rates from Philippines and Indonesia.

3.4 Data on processing for selected fisheries commodities (except crab) was obtained by using the processing rates provided by the Department of Fisheries Malaysia.

3.5 Data on seeds, feed and loss were obtained by using rates from Philippines and Indonesia. For some selected agricultural commodities, data on feed and loss is combined by using rates from Philippines and Indonesia.

No.	Item	Rate (%)			
		Seed	Feed	Loss	Processing
1	Coconut	0.05	-	2.5	3.6
2	Pineapple	-	5.0		18.8
3	Banana	-	-	4.7	1.4
4	Watermelon	-	6.0		-
5	Mango	-	5.8		0.3
6	Rambutan	-	-	3.0	5.0
7	Durian	-	-	3.0	-
8	Mangosteen	-	6.0		-
9	Jackfruit	-	6.0		-
10	Guava	-	-	-	6.5
11	Sweet corn	-	-	-	12.6
12	Papaya	-	6.0		-
13	Starfruit	-	-	-	-
14	Langsat	-	6.0		-
15	Spinach	-	-	2.7	-
16	Lady's finger	0.03	8.0		-
17	Chilli	0.7	-	5.0	22.8
18	Long bean	0.4	-	2.7	-
19	Round cabbage	-	-	5.6	-
20	Mustard	-	-	2.5	-
21	Brinjal	-	-	2.5	-
22	Cucumber	-	-	2.5	0.05
23	Tomato	-	7.0		5.8
24	Lettuce	-	-	-	-
25	Cassava	-	6.0		84.0
26	Sweet potato	-	5.0		84.0
27	Sugarcane	-	-	-	99.0
28	Ginger	-	8.0		-

No.	Item	Kadar (%)			
		Seed	Feed	Loss	Processing
29	Lime	-	3.0	-	-
30	Beef	-	-	-	7.7
31	Mutton	-	-	-	-
32	Pork	-	-	-	2.2
33	Chicken meat	-	-	-	5.1
34	Duck meat	-	-	-	5.1
35	Chicken/ duck egg	-	-	-	7.5
36	Fresh milk	-	-	-	-
37	Shrimp	-	-	-	13.61
38	Tuna	-	-	-	32.0
39	Mackerel	-	-	-	2.47
40	Crab	-	-	-	24.7
41	Cuttlefish	-	-	-	0.28
42	Tilapia	-	-	-	-
43	Sardine	-	-	-	2.47
44	Torpedo scad	-	-	-	-
45	Freshwater catfish	-	-	-	-
46	Seabass	-	-	-	-
47	Threadfin bream	-	-	-	-
48	River catfish	-	-	-	-
49	Stingray	-	-	-	-

4. Concepts and definition of SUA

- 4.1 Food Balance Sheets - A Handbook, Food and Agriculture Organization of the United Nations (FAO), Rome, 2001 and Guidelines for the Compilation of Food Balance Sheet by Global Strategy, 2017 are the main references for this publication in defining concepts and definition.
- 4.2 The calculation used is based on formula and recommendations by FAO.
- 4.3 SUA is compiled in physical quantities and presents statistics on supply and utilization which are kept physically together to allow the matching of elements of supply with utilization. The accounts are in the form of balancing equations:

$$\text{Total Supply} = \text{Total Utilization}$$

4.4 Elements of Supply

The elements of supply consist of opening stock, production and imports.

4.4.1 **Opening stock**¹ is the quantity of stock for available commodity at the beginning of the reference period.

4.4.2 **Production** refers to the total production that takes place during the reference period. This includes the actual production from the farm and backyard production.

Production of livestock commodities referred to slaughter animals and dressed carcass, while production of fisheries commodities referred to the nominal catch that is the net weight of the retained catch excluding the damaged catch, undersized or consumed by the fishermen.

4.4.3 **Imports**² refers to the entering of commodity³ into the country for domestic consumption.

4.5 Elements of Utilization

The elements of utilization are exports, seed, feed, loss, processing, closing stock and food.

4.5.1 **Exports**² refers to the movement of commodity³ out of the country.

4.5.2 **Seed** refers to the amount of commodity allocated for the purpose of new planting or replanting or breeding.

The element of seed in SUA for egg is replaced with hatchery. Hatchery refers to quantity allocated from production for hatching purposes.

For selected livestock commodities (excluding egg), element of seed is not taken into account in the SUA table because it is not live animals that require allocation of quantity for breeding purposes but it refers to slaughtered animals and dressed carcass.

4.5.3 **Feed** refers to the total commodity allotted for animals feed.

4.5.4 **Loss** refers to the amount of commodity that is damaged or loss during the process of handling, landing, in storage and during transportation. Some of the commodities that are damaged are sometimes used for livestock feed.

4.5.5 **Processing** refers to the quantity used in the processing of food and feed products from primary products, e.g. banana for processing of banana chips and for bakery products, pineapple for processing of fruits in cans, coconut used in the processing of desiccated coconut and others.

¹ Starting from SUA 2013 publication, the opening stock and closing stock are removed from the SUA tables because the data is not available.

² Excluding re-export data.

³ Fresh, frozen or chilled commodity only, excluding processed commodity.

4.5.6 **Closing stock**¹ is the quantity of stock for available commodity at the end of the reference period.

4.5.7 **Food** refers to the total of food available for human consumption during the reference period. In practice, food is the remainder or residual derived after all other utilization elements are determined.

Food

$$= \text{Total net supply} - (\text{Seed} + \text{Feed} + \text{Loss} + \text{Processing})$$

Total net supply

$$= (\text{Production} + \text{Import} \pm \text{Stocks}) - \text{Exports}$$

5. Procedures for preparation of SUA

5.1 The unit of measurement used by all selected commodities is tonne.

5.2 The average weight of egg taken in the preparation of SUA for egg is 60 grams per egg. The weight in grams would then be converted into tonne.

5.3 The average weight of live chickens for the preparation of SUA chicken meat is 1.7 kg/head while the average weight of live ducks is 2.6 kg/head.

5.4 The calculation of per capita consumption of pork for 2017 to 2021 are based on 40 per cent of non-Muslims population that obtained from Population and Housing Census of Malaysia 2010 .

5.5 SUA can be used in computing agricultural indicators such as Self-Sufficiency Ratio⁴ (SSR), Import Dependency Ratio (IDR) and Per Capita Consumption⁴ (PCC).

5.5.1 SSR explains the extent to which a country's supply of agricultural commodities to meet domestic demands. SSR that reaches 100 per cent or more indicates production is sufficient to meet domestic needs.

Self-Sufficiency Ratio

$$= \frac{\text{Production}}{(\text{Production} + \text{Import}) - \text{Export}} \times 100$$

5.5.2 IDR explains a country's dependence on imports of agricultural commodities to meet domestic needs. The higher IDR shows the more supply of agricultural commodities to be imported.

Import Dependency Ratio

$$= \frac{\text{Import}}{(\text{Production} + \text{Import}) - \text{Export}} \times 100$$

¹ Starting from SUA 2013 publication, the opening stock and closing stock are removed from the SUA tables because the data is not available.

⁴ Self-Sufficiency Ratio and Per Capita Consumption for rice that include in this publication were obtained from the Ministry of Agriculture and Food Industries.

5.5.3 PCC refers to the amount of food consumed by each person per year. The PCC is measured in kilograms per year and grams per day.

i. Per Capita Consumption (kg/year)

$$= \frac{\text{Food (tonnes)}}{\text{Population}} \times 1,000 \text{ kg}$$

ii. Per Capita Consumption (g/day)

$$= \frac{\text{Per Capita Consumption (kg/year)}}{365 \text{ days}} \times 1,000 \text{ g}$$

5.6 The annual change rate is calculated and is shown in the SUA table.

Formula of Annual growth rate:

$$Y = \frac{(Y_t - Y_{t-1})}{Y_{t-1}} \times 100$$

Where,

Y_t = Quantity at current year

Y_{t-1} = Quantity at previous year

5.7 The total average of the PCC, SSR and IDR is calculated based on the formula provided.

5.8 The 2017-2019 figures are the Mid-Year Population Estimates based on the Population and Housing Census of Malaysia 2010. The 2020 figures are from the Population dan Housing Census of Malaysia 2020 while the 2021 population figures are the Mid-Year Population Estimates based on the Population and Housing Census of Malaysia 2020.

6. Rounding of estimates

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

7. Symbols and abbreviations

SUA	Supply and Utilization Accounts
PCC	Per capita consumption
SSR	Self-sufficiency ratio
IDR	Import dependency ratio
kg	Kilograms
g	Gram
p	Provisional
e	Estimate
r	Revised
n.a.	Not applicable
-	No data

