

OIL PALM

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TABLE 1-1 : PLANTED AREA UNDER OIL PALM, 2017 – 2021

Year	Peninsular	Sabah	Sarawak	Total
	Hectares			
2017	2,708,413	1,546,904	1,555,828	5,811,145
2018	2,727,608	1,549,245	1,572,477	5,849,330
2019	2,769,003	1,544,481	1,586,673	5,900,157
2020	2,737,723	1,543,054	1,584,520	5,865,297
2021	2,607,847	1,523,624	1,606,261	5,737,731

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-2 : DISTRIBUTION OF OIL PALM PLANTED AREA BY STATE AND MAIN SECTOR, 2021

State	Estate & Organized Smallholders	Independent Smallholders	Total
	Hectares		
Johor	527,309	171,908	699,217
Kedah	62,900	24,086	86,986
Kelantan	157,166	7,113	164,279
Melaka	42,433	11,698	54,131
Negeri Sembilan	160,408	24,266	184,674
Pahang	711,166	44,740	755,906
Perak	276,622	92,396	369,018
Perlis	604	156	760
Pulau Pinang	3,212	6,472	9,684
Selangor	86,234	24,016	110,250
Terengganu	160,518	12,425	172,942
Peninsular	2,188,572	419,276	2,607,847
Percent (%)	38.1	7.3	45.5
Sabah	1,316,168	207,456	1,523,624
Percent (%)	22.9	3.6	26.6
Sarawak	1,369,632	236,629	1,606,261
Percent (%)	23.9	4.1	28.0
Total	4,874,372	863,360	5,737,731
Percent (%)	85.0	15.0	100.0

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-3 : OIL PALM PLANTED AREA MATURED AND IMMATURED BY STATE, 2021

State	Matured	Immatured	Total
	Hectares		
Johor	652,568	46,648	699,217
Kedah	76,071	10,915	86,986
Kelantan	136,943	27,336	164,279
Melaka	50,219	3,913	54,131
Negeri Sembilan	172,151	12,524	184,674
Pahang	686,560	69,346	755,906
Perak	335,998	33,021	369,018
Perlis	758	2	760
Pulau Pinang	9,522	161	9,684
Selangor	100,495	9,754	110,250
Terengganu	142,585	30,357	172,942
Peninsular	2,363,870	243,977	2,607,847
Sabah	1,331,981	191,643	1,523,624
Sarawak	1,448,329	157,932	1,606,261
Total	5,144,180	593,551	5,737,731

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-4 : OIL PALM PLANTED AREA BY MATURED AND IMMATURED, 2017 – 2021

Region	Type	2017	2018	2019	2020	2021
		Hectares				
Peninsular	Matured	2,388,574	2,407,163	2,443,715	2,455,535	2,363,870
	Immatured	319,839	320,445	325,288	282,188	243,977
	Total	2,708,413	2,727,608	2,769,003	2,737,723	2,607,847
Sabah	Matured	1,380,037	1,378,655	1,353,812	1,344,608	1,331,981
	Immatured	166,867	170,590	190,669	198,446	191,643
	Total	1,546,904	1,549,245	1,544,481	1,543,054	1,523,624
Sarawak	Matured	1,342,102	1,403,526	1,419,295	1,431,600	1,448,329
	Immatured	213,726	168,951	167,378	152,920	157,932
	Total	1,555,828	1,572,477	1,586,673	1,584,520	1,606,261
Total	Matured	5,110,713	5,189,344	5,216,822	5,231,743	5,144,180
	Immatured	700,432	659,986	683,335	633,554	593,551
	Total	5,811,145	5,849,330	5,900,157	5,865,297	5,737,731

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-5 : PRODUCTION OF CRUDE PALM OIL BY STATE, 2017 – 2021

State	2017	2018	2019	2020	2021
	Tonnes				
Johor	3,142,522	3,113,455	3,142,218	3,157,647	2,851,459
Kedah	309,346	265,770	239,073	218,106	236,693
Kelantan	318,979	294,884	332,438	338,021	314,406
Negeri Sembilan	682,945	679,451	698,440	651,310	631,112
Pahang	2,849,622	2,754,382	3,019,773	2,998,600	2,795,769
Perak	2,029,909	1,861,067	1,854,050	1,840,646	1,902,382
Selangor	532,519	519,504	521,837	509,535	522,372
Terengganu	494,731	486,416	556,230	541,371	429,665
Other States	215,347	222,517	219,729	183,663	163,128
Peninsular	10,575,920	10,197,446	10,583,788	10,438,899	9,846,986
Sabah	5,215,345	5,139,356	5,037,168	4,647,375	4,362,698
Sarawak	4,128,066	4,179,339	4,237,411	4,054,339	3,907,820
Total	19,919,331	19,516,141	19,858,367	19,140,613	18,117,540

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-6 : PRODUCTION OF PALM KERNEL BY STATE, 2017 – 2021

State	2017	2018	2019	2020	2021
	Tonnes				
Johor	894,010	877,361	857,345	874,087	778,627
Kedah	81,163	70,708	65,500	58,156	62,575
Kelantan	78,439	72,926	82,998	80,911	75,281
Negeri Sembilan	190,558	190,786	193,714	175,645	161,296
Pahang	756,932	728,610	792,321	777,916	713,545
Perak	572,253	528,196	514,661	505,850	512,835
Selangor	150,682	148,662	145,549	141,702	143,025
Terengganu	128,531	123,537	140,029	133,840	107,287
Other States	60,669	64,011	61,313	50,650	43,666
Peninsular	2,913,237	2,804,797	2,853,430	2,798,757	2,598,137
Sabah	1,167,176	1,179,682	1,147,317	1,043,751	956,791
Sarawak	870,548	874,914	891,204	861,473	862,791
Total	4,950,961	4,859,393	4,891,951	4,703,981	4,417,719

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-7 : PRODUCTION OF CRUDE PALM KERNEL OIL BY STATE, 2017 – 2021

State	2017	2018	2019	2020	2021
	Tonnes				
Johor	423,031	443,490	469,068	454,783	420,655
Perak	250,711	221,549	229,061	209,463	195,835
Selangor	527,909	542,800	515,811	511,287	487,775
Other States	176,542	160,553	180,381	160,354	139,167
Peninsular	1,378,193	1,368,392	1,394,321	1,335,887	1,243,432
Sabah	533,884	554,067	557,134	499,490	445,051
Sarawak	368,836	377,526	370,729	367,936	360,952
Total	2,280,913	2,299,985	2,322,184	2,203,313	2,049,435

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-8 : PRODUCTION OF PALM KERNEL CAKE BY STATE, 2017 – 2021

State	2017	2018	2019	2020	2021
	Tonnes				
Johor	461,595	485,627	512,592	503,152	464,559
Perak	274,238	240,694	247,765	225,299	212,864
Selangor	584,124	601,816	571,334	570,826	545,077
Other States	195,697	180,339	198,745	178,217	152,311
Peninsular	1,515,654	1,508,476	1,530,436	1,477,494	1,374,811
Sabah	621,891	672,765	647,559	598,111	527,300
Sarawak	405,491	413,748	408,591	404,147	398,291
Total	2,543,036	2,594,989	2,586,586	2,479,752	2,300,402

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-9 : MONTHLY PRODUCTION OF CRUDE PALM OIL, PALM KERNEL, CRUDE PALM KERNEL OIL AND PALM KERNEL CAKE, 2021

Month	Crude Palm Oil	Palm Kernel	Crude Palm Kernel Oil	Palm Kernel Cake
	Tonnes			
January	1,126,457	277,001	128,809	146,249
February	1,108,236	272,303	123,336	139,843
March	1,423,483	359,172	164,292	184,452
April	1,528,121	384,009	177,910	199,363
May	1,571,525	383,423	168,000	187,900
June	1,606,187	374,248	186,988	212,573
July	1,527,761	369,044	171,860	191,253
August	1,710,356	428,254	191,818	215,205
September	1,703,740	418,328	193,592	215,453
October	1,725,837	412,882	194,736	218,670
November	1,634,932	388,562	179,565	201,245
December	1,450,905	350,493	168,529	188,196
Total	18,117,540	4,417,719	2,049,435	2,300,402

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-10 : REFINERY PRODUCTION OF SELECTED PROCESSED PALM OIL, 2017 – 2021

Year	C.P. Stearin	C.P. Olein	RBD Palm Oil	RBD Palm Olein	RBD Palm Stearin	PFAD	Cooking Oil
	Tonnes						
2017	90,802	493,122	14,902,376	10,676,231	2,871,296	765,710	547,664
2018	91,758	588,373	14,940,967	10,594,491	2,966,425	782,048	558,317
2019	54,180	449,211	16,389,937	11,460,256	3,217,042	820,360	574,488
2020	49,534	516,704	14,229,304	10,118,797	2,858,586	696,780	414,546
2021	37,435	425,177	12,093,243	8,876,239	2,510,384	622,309	406,777

Source: Malaysian Palm Oil Board (MPOB)

Note :

1. CP : Crude Palm
2. RBD : Refined, Bleached Deodorized
3. PFAD : Palm fatty Acid Distillate Biodiesel

TABLE 1-11 : MONTHLY REFINERY PRODUCTION OF SELECTED PROCESSED PALM OIL, 2021

Year	C.P. Stearin	C.P. Olein	RBD Palm Oil	RBD Palm Olein	RBD Palm Stearin	PFAD	Cooking Oil
Tonnes							
January	2,546	43,759	823,261	610,709	167,075	45,708	23,110
February	2,243	14,533	788,057	586,539	164,371	43,486	29,140
March	3,641	34,006	890,653	680,947	204,011	46,505	34,721
April	3,003	29,250	983,139	748,702	207,643	47,850	32,956
May	2,838	29,176	928,889	664,754	193,875	45,048	30,804
June	3,413	48,094	1,130,088	841,216	238,167	53,356	39,649
July	2,391	34,525	1,141,439	791,119	222,810	53,553	33,599
August	3,328	18,421	1,065,527	831,104	229,551	52,975	42,911
September	3,736	51,383	1,206,168	868,912	238,689	61,834	39,153
October	3,689	54,817	1,183,632	857,687	246,696	60,849	38,696
November	3,575	40,345	1,020,865	725,570	213,041	54,395	31,900
December	3,032	26,868	931,525	668,980	184,455	56,750	30,138
Total	37,435	425,177	12,093,243	8,876,239	2,510,384	622,309	406,777

Source: Malaysian Palm Oil Board (MPOB)

Note :

1. CP : Crude Palm
2. RBD : Refined, Bleached Deodorized
3. PFAD : Palm fatty Acid Distillate Biodiesel

TABLE 1-12 : NUMBER AND CAPACITIES OF PALM OIL SECTORS, 2021

Sector	Peninsular		Sabah		Sarawak		Total	
	No.	Capacity In Operation	No.	Capacity In Operation	No.	Capacity In Operation	No.	Capacity In Operation
Tonne/ Year								
FFB Mills	237	57,495,680	132	35,490,070	82	23,736,000	451	116,721,750
PK Crushers	26	4,594,900	12	2,072,200	5	757,200	43	7,424,300
Refineries	33	14,278,200	11	8,538,000	5	2,945,000	49	25,761,200
Oleochemicals	19	2,671,583	-	-	-	-	19	2,671,583

Source: Malaysian Palm Oil Board (MPOB)

Note :

1. FFB : Fresh Fruit Bunches
2. PK : Palm Kernel

TABLE 1-13 : YIELD OF FRESH FRUIT BUNCHES, CRUDE PALM OIL AND PALM KERNEL, 2017 – 2021

Year	Fresh Fruit Bunches	Crude Palm Oil	Palm Kernel
	Tonnes/ Hectare		
2017	17.89	3.53	0.88
2018	17.16	3.42	0.85
2019	17.19	3.47	0.86
2020	16.73	3.33	0.82
2021	15.47	3.10	0.75

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-14 : AVERAGE MONTHLY FFB YIELD OF OIL PALM ESTATES, 2021

States	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	Tonnes/ Hectare												
Johor	1.11	1.07	1.38	1.46	1.50	1.55	1.58	1.71	1.62	1.67	1.61	1.46	17.73
Kedah	1.01	1.34	1.85	1.87	1.62	1.49	1.35	1.38	1.29	1.29	1.10	0.94	16.53
Kelantan	0.58	0.52	0.69	0.79	0.81	0.79	0.80	1.05	1.10	1.18	1.11	0.89	10.31
Melaka	1.37	1.39	1.73	1.69	1.52	1.39	1.43	1.36	1.39	1.46	1.32	1.19	17.25
Negeri Sembilan	0.96	1.02	1.38	1.43	1.45	1.42	1.42	1.47	1.38	1.40	1.29	1.10	15.72
Pahang	0.91	0.95	1.22	1.32	1.35	1.35	1.32	1.45	1.40	1.48	1.47	1.22	15.43
Perak	1.40	1.46	1.80	1.76	1.66	1.73	1.82	1.90	1.68	1.57	1.41	1.25	19.43
Pulau Pinang	0.85	1.13	1.57	1.54	1.19	1.26	1.07	0.99	0.86	0.83	0.78	0.71	12.78
Selangor	1.24	1.40	1.85	1.89	1.72	1.74	1.76	1.71	1.72	1.55	1.45	1.17	19.20
Terengganu	0.77	0.70	0.78	0.82	0.92	0.95	1.00	1.37	1.49	1.54	1.45	1.18	12.97
Peninsular	1.02	1.04	1.33	1.40	1.40	1.41	1.42	1.55	1.48	1.51	1.44	1.24	16.24
Sabah	1.01	0.88	1.10	1.27	1.39	1.43	1.30	1.44	1.53	1.54	1.50	1.36	15.77
Sarawak	1.07	0.94	1.09	1.12	1.15	1.17	1.10	1.27	1.31	1.28	1.26	1.19	13.94
Total	1.03	0.97	1.20	1.28	1.33	1.35	1.30	1.44	1.45	1.46	1.41	1.26	15.47

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-15 : AVERAGE MONTHLY CPO YIELD OF OIL PALM ESTATES, 2021

States	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	Tonnes/ Hectare												
Johor	0.21	0.21	0.27	0.29	0.30	0.31	0.31	0.33	0.32	0.34	0.32	0.30	3.51
Kedah	0.19	0.27	0.36	0.36	0.32	0.31	0.28	0.28	0.26	0.27	0.22	0.19	3.32
Kelantan	0.11	0.11	0.14	0.16	0.17	0.16	0.16	0.22	0.23	0.25	0.23	0.18	2.13
Melaka	0.28	0.31	0.36	0.35	0.32	0.31	0.31	0.28	0.29	0.31	0.28	0.25	3.64
Negeri Sembilan	0.19	0.21	0.27	0.28	0.29	0.29	0.29	0.30	0.29	0.29	0.27	0.22	3.18
Pahang	0.17	0.19	0.24	0.25	0.27	0.27	0.26	0.29	0.28	0.30	0.30	0.24	3.08
Perak	0.26	0.28	0.34	0.34	0.32	0.34	0.35	0.38	0.34	0.32	0.28	0.24	3.79
Pulau Pinang	0.16	0.21	0.30	0.29	0.23	0.25	0.23	0.20	0.19	0.18	0.16	0.15	2.52
Selangor	0.23	0.27	0.34	0.36	0.33	0.34	0.34	0.33	0.34	0.31	0.28	0.22	3.68
Terengganu	0.14	0.14	0.15	0.16	0.18	0.19	0.20	0.28	0.31	0.32	0.29	0.23	2.59
Peninsular	0.19	0.21	0.26	0.27	0.28	0.28	0.28	0.31	0.30	0.31	0.29	0.25	3.22
Sabah	0.20	0.17	0.22	0.26	0.28	0.30	0.27	0.30	0.32	0.33	0.31	0.28	3.24
Sarawak	0.20	0.18	0.22	0.23	0.23	0.24	0.22	0.25	0.26	0.26	0.25	0.24	2.77
Total	0.20	0.19	0.24	0.25	0.27	0.27	0.26	0.29	0.29	0.30	0.29	0.25	3.10

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-16: PALM OIL MILLS AND REFINERIES, 2017 – 2021

Year	Mills In Operation		Refineries In Operation	
	Number	Capacity (MT/ FFB/ Year)	Number	Capacity (MT/ FFB/ Year)
		Tonnes		Tonnes
2017	454	112,187,800	53	27,328,200
2018	451	112,422,000	50	26,241,200
2019	452	112,905,000	51	26,628,200
2020	457	116,811,750	50	25,353,200
2021	451	116,721,750	49	25,761,200

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-17: OIL EXTRACTION RATE FOR CRUDE PALM OIL AND CRUDE PALM KERNEL OIL, 2017 – 2021

Year	Crude Palm Oil	Crude Palm Kernel Oil
	Percent (%)	
2017	19.72	45.88
2018	19.95	45.58
2019	20.21	45.90
2020	19.92	45.66
2021	20.01	45.60

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-18 : MONTHLY OIL EXTRACTION RATE FOR CRUDE PALM OIL BY STATE, 2021

States	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Percent (%)												
Johor	18.75	19.94	19.68	19.56	19.79	20.04	19.58	19.59	19.93	20.22	20.01	20.28	19.80
Kedah	19.21	19.87	19.20	19.40	19.84	20.85	20.98	20.22	20.47	20.69	20.34	20.07	20.10
Kelantan	19.22	20.40	20.46	19.97	20.51	20.72	20.55	21.03	21.30	21.56	20.96	20.35	20.70
Negeri Sembilan	19.42	20.18	19.52	19.48	20.06	20.76	20.23	20.64	20.78	20.89	20.55	20.43	20.24
Pahang	18.82	19.84	19.63	19.23	19.87	20.17	19.92	20.25	20.32	20.54	20.31	20.01	19.96
Perak	18.40	19.48	19.07	19.42	19.24	19.67	19.31	19.87	20.17	20.25	19.73	19.36	19.51
Selangor	18.46	19.09	18.47	18.79	18.93	19.40	19.36	19.38	19.72	19.72	19.48	18.90	19.15
Terengganu	18.10	19.61	19.77	19.48	20.04	19.84	19.62	20.31	20.80	21.05	20.33	19.45	20.00
Other States	19.21	20.04	19.60	19.30	19.86	20.54	21.45	20.76	21.36	21.17	20.88	20.86	20.33
Sabah	19.62	19.65	20.18	20.42	20.37	20.82	20.60	20.93	20.86	21.26	20.66	20.44	20.55
Sarawak	19.11	19.32	19.79	20.42	20.33	20.19	19.63	19.78	19.88	20.10	19.94	19.91	19.88
Average	19.02	19.64	19.67	19.83	19.99	20.27	19.91	20.16	20.32	20.58	20.22	20.07	20.01

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-19 : MONTHLY OIL EXTRACTION RATE FOR CRUDE PALM KERNEL OIL BY STATE, 2021

States	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Percent (%)												
Johor	46.04	46.40	46.34	46.20	46.36	46.01	46.36	46.24	46.24	45.98	45.94	45.89	46.17
Perak	46.40	46.23	46.37	46.16	46.30	46.66	46.32	46.23	46.55	45.94	46.27	46.21	46.29
Selangor	45.89	45.93	45.94	45.69	45.76	45.81	46.04	45.81	45.65	45.74	45.71	45.73	45.80
Other States	45.84	45.41	45.68	46.10	45.96	46.10	45.89	46.09	46.19	46.19	46.07	45.25	45.95
Sabah	44.18	43.71	44.25	43.97	44.73	43.83	44.66	44.94	44.14	44.38	44.92	44.63	44.38
Sarawak	45.60	45.72	45.74	45.81	45.84	45.72	45.71	45.74	45.89	45.89	45.35	45.77	45.73
Average	45.53	45.54	45.72	45.55	45.73	45.43	45.79	45.76	45.59	45.55	45.56	45.50	45.60

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-20 : ANNUAL AVERAGE PRICE OF OIL PALM PRODUCTS, 2017 – 2021

Year	Crude Palm Oil (Local Delivered)	Palm Kernel (Ex-Mill)	Crude Palm Kernel Oil (Local Delivered)	FFB (1% Oil Extraction Rate)
	RM/ Tonne			RM/ 1% OER
2017	2,783.00	2,536.00	5,325.00	31.54
2018	2,232.50	1,827.50	3,734.50	23.75
2019	2,079.00	1,214.00	2,626.50	21.17
2020	2,685.50	1,532.00	3,247.00	28.51
2021	4,407.00	2,773.00	5,674.50	48.14

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-21 : MONTHLY AVERAGE PRICE OF OIL PALM PRODUCTS, 2021

Month	Crude Palm Oil (Local Delivered)	Palm Kernel (Ex-mill)	Crude Palm Kernel Oil (Local Delivered)	Fresh Fruit Bunches (1% OER) Local Ex-Mill
	RM/ Tonne			RM/ 1% OER
January	3,748.50	2,553.00	5,355.50	40.77
February	3,895.50	2,456.00	4,822.50	41.81
March	4,041.50	2,587.00	5,306.00	43.74
April	4,220.00	2,627.50	5,302.50	45.52
May	4,572.00	2,790.50	5,700.50	49.35
June	3,830.50	2,472.00	5,121.50	41.18
July	4,128.50	2,450.50	4,925.00	44.18
August	4,555.00	2,545.00	5,181.00	48.76
September	4,556.00	2,588.00	5,236.00	48.81
October	5,051.00	3,336.50	7,129.00	55.51
November	5,341.00	4,089.00	8,451.00	60.48
December	5,070.00	3,993.50	8,216.50	57.53
Average	4,407.00	2,773.00	5,674.50	48.14

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-22 : MONTHLY EXPORT OF PALM OIL & PALM PRODUCTS, 2021

Month	Palm Oil ¹		Palm Kernel Oil ¹		Palm-based Oleochemicals		Other Palm-based Products		Palm Kernel Cake		Total	
	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)
January	879.43	2,857.13	59.18	280.44	345.80	1,583.22	164.20	404.77	119.42	74.46	1,568.03	5,200.03
February	915.98	3,414.87	68.74	360.85	357.34	1,724.79	93.08	356.15	192.45	124.19	1,627.60	5,980.85
March	1,126.09	4,426.73	90.45	483.24	431.44	2,201.26	258.10	900.85	81.64	57.08	1,987.72	8,069.16
April	1,237.30	5,135.32	93.18	529.85	380.81	2,026.89	182.11	599.84	137.37	93.75	2,030.77	8,385.65
May	1,176.95	5,069.63	80.65	477.08	308.47	1,768.74	131.64	484.76	196.84	119.09	1,894.54	7,919.30
June	1,403.91	6,225.67	79.35	476.18	465.58	2,526.80	213.56	795.91	269.95	165.62	2,432.35	10,190.19
July	1,390.23	5,773.91	118.91	679.47	435.08	2,508.71	188.46	629.29	161.60	103.19	2,294.28	9,694.57
August	1,022.19	4,469.69	104.90	582.70	337.65	2,022.51	263.72	1,101.57	207.49	123.34	1,935.94	8,299.81
September	1,448.76	6,516.77	91.55	542.76	378.75	2,263.08	278.04	1,144.45	244.88	140.74	2,441.97	10,607.79
October	1,387.73	6,428.57	87.48	548.63	405.75	2,449.17	227.77	781.64	209.50	122.29	2,318.25	10,330.30
November	1,309.78	6,464.68	141.54	949.45	412.08	2,567.60	220.28	943.85	261.26	161.57	2,344.94	11,087.15
December	1,536.72	7,831.78	115.85	757.65	481.48	3,159.52	243.14	892.46	163.23	108.97	2,540.42	12,750.38
Total	14,835.07	64,614.75	1,131.77	6,668.30	4,740.22	26,802.30	2,464.11	9,035.55	2,245.64	1,394.29	25,416.82	108,515.18

Source : Department of Statistics, Malaysia (DOSM)

Note :

¹ Include crude and processed

TABLE 1-23 : MONTHLY IMPORT OF PALM OIL & PALM PRODUCTS, 2021

Month	Palm Oil ¹		Palm Kernel Oil ¹		Palm-based Oleochemicals		Other Palm-based Products		Palm Kernel Cake		Total	
	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)
January	244.73	895.31	28.36	138.68	111.70	561.54	44.53	129.68	-	-	429.32	1,725.21
February	109.36	422.61	34.32	168.66	67.10	412.03	47.21	137.89	-	-	258.00	1,141.19
March	153.87	611.55	11.92	60.41	105.78	605.63	65.16	234.77	-	-	336.73	1,512.36
April	124.33	506.69	21.24	115.84	94.98	550.70	39.18	157.46	-	-	279.73	1,330.70
May	98.77	422.58	35.64	191.67	117.53	723.10	41.22	150.82	0.25	0.77	293.41	1,488.94
June	141.47	666.67	26.45	148.07	111.43	709.60	67.83	318.20	0.98	3.06	348.15	1,845.60
July	72.61	318.85	29.95	159.76	117.67	667.65	61.39	287.39	-	-	281.62	1,433.65
August	128.73	536.95	27.71	141.24	99.61	570.28	36.04	192.72	-	-	292.10	1,441.19
September	90.30	412.35	21.51	111.30	115.55	688.67	29.91	158.01	-	-	257.27	1,370.33
October	85.22	396.20	36.05	197.79	96.63	598.38	41.83	197.01	-	-	259.74	1,389.38
November	134.45	687.91	45.74	199.78	131.33	813.57	34.41	175.68	-	-	345.93	1,876.94
December	62.51	332.54	48.69	266.61	122.91	890.55	31.52	175.36	-	-	265.64	1,665.06
Total	1,446.35	6,210.23	367.57	1,899.82	1,292.25	7,791.69	540.24	2,314.99	1.23	3.83	3,647.64	18,220.56

Source : Department of Statistics, Malaysia (DOSM)

Note :

¹ Include crude and processed

TABLE 1-24 : EXPORT OF PALM OIL AND PALM BASED PRODUCTS, 2017 – 2021

Product	2017		2018		2019		2020		2021	
	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)
Palm Oil	15,187.73	46,085.42	15,363.86	38,655.13	17,428.69	39,128.22	16,214.37	45,647.15	14,835.07	64,614.75
Crude Palm Oil	2,787.56	8,074.27	3,341.77	7,821.07	3,933.77	8,056.76	4,501.51	12,311.84	4,705.48	20,522.89
Processed Palm Oil	12,400.17	38,011.15	12.02	0.03	13,494.91	31,071.46	11,712.87	33,335.31	10,129.59	44,091.87
Palm Kernel Oil	980.61	5,774.28	906.31	4,092.97	1,006.50	3,305.81	1,140.20	4,151.58	1,131.77	6,668.30
Crude Palm Kernel Oil	301.57	1,602.09	340.02	1,325.19	647.82	905.99	460.67	1,536.45	387.44	2,309.35
Processed Palm Kernel Oil	679.04	4,172.19	0.57	0.00	358.69	2,399.82	679.53	2,615.14	744.33	4,358.94
Palm-Based Oleochemicals	4,419.30	20,395.89	4,809.82	19,114.87	5,462.91	18,121.32	4,423.97	16,500.81	4,740.22	26,802.30
Other Palm-based Products	1,587.51	4,624.65	1,745.54	4,518.74	2,559.29	5,945.54	2,302.92	5,737.60	2,464.11	9,035.55
Palm Kernel Cake	2,243.23	927.21	2,400.59	1,134.27	2,584.33	1,045.26	2,529.44	1,295.16	2,245.64	1,394.29
Total	24,418.38	77,807.45	25,226.12	67,515.98	29,041.72	67,546.15	26,610.91	73,332.30	25,416.82	108,515.18

Source : Department of Statistics, Malaysia (DOSM)

TABLE 1-25 : IMPORT OF PALM OIL & PALM PRODUCTS, 2017 – 2021

Product	2017		2018		2019		2020		2021	
	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)
Palm Oil ¹	843.94	2,550.76	1,108.83	2,583.15	1,289.61	2,745.50	1,155.11	3,444.23	1,446.35	6,210.23
Palm Kernel Oil ¹	269.02	1,541.56	318.33	1,175.47	333.48	930.12	300.65	1,031.92	367.57	1,899.82
Palm-Based Oleochemicals	1,044.41	5,248.78	1,203.56	5,568.95	1,074.42	4,424.79	1,040.20	4,591.35	1,292.25	7,791.69
Other Palm-based Products	30.33	239.14	352.04	965.65	431.14	1,316.77	545.55	1,613.61	540.24	2,314.99
Palm Kernel Cake	0.80	0.40	0.30	0.23	0.45	0.24	0.48	0.37	1.23	3.83
Total	2,188.49	9,580.64	2,983.06	10,293.45	3,129.11	9,417.42	3,041.99	10,681.48	3,647.64	18,220.56

Source : Department of Statistics, Malaysia (DOSM)

Note :

¹ Include crude and processed

TABLE 1-26 : EXPORT OF PALM OIL & PALM-BASED PRODUCTS TO MAJOR COUNTRIES, 2017 – 2021

Rank	Country of Destination	2017		2018		2019		2020		2021	
		Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)
1	India	2,285.84	7,173.30	2,676.15	6,838.86	4,836.73	10,577.13	3,031.12	8,570.69	3,915.66	17,913.93
2	European Union (EU)	3,445.44	11,033.67	3,807.50	9,899.43	4,136.96	10,473.26	3,594.71	11,275.87	3,597.89	17,501.60
3	China	2,862.25	9,392.69	3,072.78	8,370.00	4,004.73	9,419.40	3,965.90	10,778.22	3,318.35	13,630.52
4	Turkiye	922.69	3,096.15	979.61	2,554.65	1,082.74	2,572.12	860.30	2,669.77	927.45	4,378.19
5	Japan	1,220.46	3,526.73	1,217.91	2,977.38	1,575.75	2,717.01	1,638.78	2,734.15	1,629.58	4,148.85
6	Kenya	242.29	753.62	261.13	661.16	230.38	493.19	541.60	1,533.22	895.80	3,747.63
7	United States of America	1,089.78	4,581.44	995.07	3,636.29	1,073.55	3,169.81	975.77	3,407.82	661.56	3,543.03
8	Singapore	716.17	2,551.86	627.83	2,041.76	768.18	2,291.03	710.12	2,467.37	639.31	3,282.09
9	Philippines	831.58	2,639.72	838.74	2,314.54	760.67	1,852.62	771.47	2,324.51	682.73	3,033.68
10	Korea, Republic of	934.87	2,141.53	985.45	1,944.67	1,137.67	1,822.91	1,138.81	2,087.39	1,078.35	2,963.19
	Other Countries	9,867.01	30,916.74	9,763.95	26,277.24	9,434.36	22,157.67	9,382.33	25,483.29	8,070.14	34,372.48
	Total	24,418.38	77,807.45	25,226.12	67,515.98	29,041.72	67,546.15	26,610.91	73,332.30	25,416.82	108,515.18

Source : Department of Statistics, Malaysia (DOSM)

Note:

1. Effected from the reference month of February 2020, the United Kingdom no longer be a member of the European Union (EU)

TABLE 1-27 : EXPORT OF PALM OIL TO MAJOR COUNTRIES, 2017 – 2021

Rank	Country of Destination	2017		2018		2019		2020		2021	
		Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)
1	European Union (EU)	1,942.33	5,648.69	2,183.39	5,104.25	4,244.42	8,914.92	2,601.84	7,149.00	1,421.33	6,180.99
2	India	1,612.97	4,581.55	1,695.22	3,932.43	2,368.44	5,056.66	2,599.68	6,960.52	3,439.91	15,285.48
3	China	1,770.10	5,435.72	1,829.28	4,722.68	1,989.76	4,525.24	1,826.50	5,224.24	1,769.25	7,029.38
4	Kenya	232.01	716.83	251.71	627.43	224.41	475.19	513.80	1,447.97	835.42	3,450.11
5	Turkiye	703.27	2,018.80	616.71	1,567.00	694.91	1,587.56	619.05	1,779.08	688.48	3,047.94
6	Philippines	731.69	2,170.10	703.17	1,724.89	629.97	1,401.25	684.93	1,951.69	582.84	2,476.62
7	Pakistan	779.27	2,362.33	964.30	2,474.23	970.74	2,206.74	892.29	2,403.64	535.96	2,360.94
8	Japan	494.61	1,467.18	460.74	1,160.28	498.51	1,139.24	430.79	1,195.82	421.78	1,793.47
9	Iran	489.49	1,444.97	485.21	1,178.65	520.57	1,149.74	315.70	895.11	406.98	1,746.01
10	Viet Nam	636.48	1,866.40	453.26	1,083.44	584.63	1,287.48	427.58	1,163.04	343.28	1,575.30
	Other Countries	5,795.51	18,372.85	5,720.87	15,079.85	4,702.33	11,384.20	5,302.21	15,477.04	4,389.84	19,668.51
	Total	15,187.73	46,085.42	15,363.86	38,655.13	17,428.69	39,128.22	16,214.37	45,647.15	14,835.07	64,614.75

Source : Department of Statistics, Malaysia (DOSM)

Note:

1. Effected from the reference month of February 2020, the United Kingdom no longer be a member of the European Union (EU)

TABLE 1-28 : EXPORT OF PALM KERNEL OIL TO MAJOR COUNTRIES, 2017 – 2021

Rank	Country of Destination	2017		2018		2019		2020		2021	
		Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)
1	European Union (EU)	264.65	1,498.04	243.62	1,053.57	233.37	672.30	366.14	1,281.80	335.74	2,036.29
2	China	167.21	936.89	150.09	591.91	189.45	523.28	214.93	684.64	162.53	983.24
3	Turkiye	65.98	381.29	61.48	278.69	77.40	241.44	81.26	288.28	94.08	538.68
4	India	45.84	250.63	61.44	214.57	83.79	213.44	51.76	177.22	92.76	538.55
5	Egypt	23.69	149.17	33.30	174.28	29.02	121.06	36.10	152.59	43.28	241.50
6	United States of America	106.53	665.82	77.27	360.99	79.80	263.09	86.22	300.97	36.41	235.56
7	Japan	21.03	118.21	18.84	87.74	24.30	83.06	26.52	96.67	31.25	179.64
8	Philippines	21.68	125.62	45.30	188.71	35.55	114.23	20.47	72.03	33.66	170.63
9	Viet Nam	7.57	45.98	14.49	68.27	16.30	61.62	17.20	67.09	26.07	129.80
10	Pakistan	10.15	65.69	9.94	54.75	12.39	53.41	12.68	55.32	18.87	120.03
	Other Countries	246.28	1,536.94	190.54	1,019.49	225.13	958.88	226.92	974.97	257.13	1,494.39
	Total	980.61	5,774.28	906.31	4,092.97	1,006.50	3,305.81	1,140.20	4,151.58	1,131.77	6,668.30

Source : Department of Statistics, Malaysia (DOSM)

Note:

1. Effected from the reference month of February 2020, the United Kingdom no longer be a member of the European Union (EU)

TABLE 1-29 : EXPORT OF PALM-BASED OLEOCHEMICAL TO MAJOR COUNTRIES, 2017 – 2021

Rank	Country of Destination	2017		2018		2019		2020		2021	
		Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)	Quantity ('000 T)	Value (RM Mil.)
1	European Union (EU)	829.72	3,377.72	1,060.49	3,295.93	1,207.82	3,564.00	863.93	3,112.57	1,079.60	5,928.33
2	China	602.91	3,363.45	690.69	3,213.69	841.55	2,975.10	734.14	2,653.12	848.03	4,732.64
3	India	256.35	1,199.58	384.43	1,422.13	455.95	1,390.11	361.56	1,225.87	379.99	2,071.98
4	United States of America	442.48	2,265.46	386.39	1,881.96	489.32	1,724.90	374.89	1,583.52	340.10	2,040.38
5	Japan	267.85	1,628.16	270.15	1,452.51	255.59	1,105.94	202.91	944.52	250.19	1,675.54
6	Singapore	362.40	1,415.92	273.19	1,014.28	281.37	1,068.97	250.90	1,021.94	248.63	1,497.37
7	Korea, Republic of	280.58	1,042.35	324.11	1,030.12	343.59	906.88	301.88	895.19	278.49	1,351.11
8	Thailand	126.30	718.52	118.25	602.91	127.61	564.53	109.29	507.17	147.92	982.20
9	Indonesia	102.87	637.71	78.39	457.81	219.26	668.30	101.45	460.27	96.06	670.36
10	Turkiye	91.37	361.32	96.32	343.28	121.80	383.97	111.93	394.66	111.54	602.83
	Other Countries	1,056.47	4,385.70	1,127.41	4,400.25	1,119.05	3,768.62	1,011.09	3,701.98	959.67	5,249.55
	Total	4,419.30	20,395.89	4,809.82	19,114.87	5,462.91	18,121.32	4,423.97	16,500.81	4,740.22	26,802.30

Source : Department of Statistics, Malaysia (DOSM)

Note:

1. Effected from the reference month of February 2020, the United Kingdom no longer be a member of the European Union (EU)

TABLE 1-30 : AVERAGE PRICE OF SELECTED VEGETABLE OILS IN THE ROTTERDAM MARKET, 2017 – 2021

Year	Crude Palm Oil (CPO)	Soyabean Oil (SBO)	Palm Kernel Oil	Rapeseed Oil	Coconut Oil	- Discount CPO/SBO
	USD/Tonne					
2017	714	846	1278	870	1,603	-132
2018	598	789	926	833	1,002	-191
2019	566	756	668	853	738	-190
2020	715	829	826	906	1,014	-114
2021	1195	1393	1517	1497	1,618	-190

Source : Oil World

TABLE 1-31 : BALANCE OF OILS & FATS, 2017 – 2021

Year	Opening Stocks	Production	Imports	Exports	Consumption	Closing Stocks
	'000 Tonnes					
2017	28,657	224,172	88,264	88,865	221,106	31,123
2018	31,123	234,268	89,379	90,397	230,181	34,192
2019	34,178	236,810	98,163	98,238	238,359	32,554
2020	32,554	238,584	95,764	96,666	238,844	31,392
2021	31,392	241,428	95,324	94,118	242,009	32,017

Source : Oil World

TABLE 1-32 : OPENING STOCKS OF OILS AND FATS, 2017 – 2021

Oils and Fats	2017	2018	2019	2020	2021
	'000 Tonnes				
Palm Oil	10,652	13,105	15,295	13,570	12,152
Palm Kernel Oil	875	1,006	1,306	1,350	1,235
Soyabean Oil	5,346	5,754	5,956	5,806	6,240
Cottonseed Oil	383	430	420	360	350
Groundnut Oil	311	340	350	280	280
Sunflower Oil	2,586	3,011	2,904	3,412	3,242
Rapeseed Oil	4,499	3,568	3,280	3,056	3,186
Corn Oil	271	350	300	300	310
Coconut Oil	358	329	517	530	437
Olive Oil	1,123	1,030	1,400	1,590	1,550
Castor Oil	131	140	180	110	120
Sesame Oil	49	50	50	50	50
Linseed Oil	114	110	100	110	110
Total Vegetable Oils	26,698	29,223	32,058	30,524	29,262
Butter	637	640	690	700	760
Tallow	580	550	620	640	610
Fish Oil	228	180	300	210	250
Lard	514	530	510	480	510
Total Animal Oils and Fats	1,959	1,900	2,120	2,030	2,130
Total	28,657	31,123	34,178	32,554	31,392

Source : Oil World

TABLE 1-33 : PRODUCTION OF OILS AND FATS, 2017 – 2021

Oils and Fats	2017	2018	2019	2020	2021
	'000 Tonnes				
Palm Oil	69,638	74,680	76,672	74,751	75,834
Soyabean Oil	54,735	56,908	56,889	58,674	60,189
Rapeseed Oil	25,095	25,511	24,971	25,757	26,857
Sunflower Oil	18,966	18,917	20,785	21,316	18,939
Palm Kernel Oil	7,265	7,814	8,100	7,879	7,970
Cottonseed Oil	4,396	4,680	4,590	4,610	4,430
Groundnut Oil	4,216	4,170	3,990	4,200	4,400
Corn Oil	4,309	4,340	4,330	4,190	4,370
Olive Oil	3,012	3,570	3,700	3,490	3,630
Coconut Oil	2,437	2,888	2,913	2,627	2,759
Sesame Oil	898	890	880	870	880
Castor Oil	856	840	730	900	920
Linseed Oil	813	790	830	800	790
Total Vegetable Oils	196,636	205,998	209,380	210,064	211,968
Tallow	9,627	9,930	9,860	10,980	11,250
Butter	8,226	8,370	8,500	8,700	8,630
Lard	8,766	8,840	8,080	7,800	8,590
Fish Oil	917	1,130	990	1,040	990
Total Animal Oils and Fats	27,536	28,270	27,430	28,520	29,460
Total	224,172	234,268	236,810	238,584	241,428

Source : Oil World

TABLE 1-34 : IMPORTS OF OILS AND FATS, 2017 – 2021

Oils and Fats	2017	2018	2019	2020	2021
	'000 Tonnes				
Palm Oil	50,299	51,431	55,455	50,128	51,266
Soyabean Oil	11,535	10,933	12,040	12,911	13,557
Rapeseed Oil	10,621	10,075	12,168	13,606	11,064
Sunflower Oil	4,532	4,975	5,567	6,015	6,566
Palm Kernel Oil	3,194	3,349	3,586	3,474	3,320
Cottonseed Oil	1,595	1,916	2,077	1,910	2,001
Groundnut Oil	939	1,130	1,240	1,510	1,330
Corn Oil	620	640	600	640	750
Olive Oil	983	700	660	600	590
Coconut Oil	243	270	330	380	410
Sesame Oil	124	140	180	170	150
Castor Oil	113	110	130	130	130
Linseed Oil	44	50	40	50	50
Total Vegetable Oils	84,842	85,719	94,073	91,524	91,184
Tallow	1,736	1,820	1,970	2,180	2,090
Butter	807	890	1,000	960	950
Lard	760	830	960	940	910
Fish Oil	119	120	160	160	190
Total Animal Oils and Fats	3,422	3,660	4,090	4,240	4,140
Total	88,264	89,379	98,163	95,764	95,324

Source : Oil World

TABLE 1-35 : EXPORTS OF OILS AND FATS, 2017 – 2021

Oils and Fats	2017	2018	2019	2020	2021
	'000 Tonnes				
Palm Oil	51,099	52,206	54,999	50,673	50,327
Sunflower Oil	11,285	11,152	12,244	12,970	13,735
Soyabean Oil	10,584	10,157	12,349	13,634	11,061
Rapeseed Oil	4,577	5,009	5,510	6,120	6,282
Palm Kernel Oil	3,253	3,297	3,650	3,477	3,241
Coconut Oil	1,590	1,896	2,156	1,902	1,922
Olive Oil	940	1,130	1,230	1,560	1,340
Castor Oil	651	620	570	680	710
Corn Oil	945	680	660	630	610
Groundnut Oil	267	270	340	430	360
Cottonseed Oil	132	140	170	160	150
Linseed Oil	109	110	140	130	120
Sesame Oil	46	50	50	50	50
Total Vegetable Oils	85,478	86,717	94,068	92,416	89,908
Tallow	1,672	1,840	1,970	2,190	2,110
Butter	831	900	1,040	960	990
Fish Oil	763	820	990	950	890
Lard	121	120	170	150	220
Total Animal Oils and Fats	3,387	3,680	4,170	4,250	4,210
Total	88,865	90,397	98,238	96,666	94,118

Source : Oil World

TABLE 1-36 : CONSUMPTION OF OILS AND FATS, 2017 – 2021

Oils and Fats	2017	2018	2019	2020	2021
	'000 Tonnes				
Palm Oil	66,386	71,715	78,853	75,624	76,525
Soyabean Oil	54,577	56,487	56,835	58,181	59,615
Rapeseed Oil	25,981	25,765	25,252	25,522	27,034
Sunflower Oil	18,578	18,942	20,096	21,458	19,161
Palm Kernel Oil	7,075	7,566	7,992	7,991	8,086
Cottonseed Oil	4,341	4,690	4,660	4,630	4,430
Corn Oil	4,163	4,160	4,050	4,150	4,350
Groundnut Oil	4,268	4,410	4,330	4,150	4,320
Olive Oil	3,104	3,200	3,520	3,480	3,520
Coconut Oil	2,471	2,720	2,821	2,728	2,908
Sesame Oil	816	820	830	850	910
Linseed Oil	895	890	870	870	880
Castor Oil	821	800	810	800	800
Total Vegetable Oils	193,476	202,165	210,919	210,434	212,539
Tallow	9,721	9,840	9,840	11,000	11,220
Butter	8,220	8,330	8,460	8,630	8,680
Lard	8,748	8,860	8,100	7,780	8,570
Fish Oil	941	1,000	1,040	1,000	1,000
Total Animal Oils and Fats	27,630	28,030	27,440	28,410	29,470
Total	221,106	230,195	238,359	238,844	242,009

Source : Oil World

TABLE 1-37 : CLOSING STOCKS OF OILS AND FATS, 2017 – 2021

Oils and Fats	2017	2018	2019	2020	2021
	'000 Tonnes				
Palm Oil	13,105	15,295	13,570	12,152	12,400
Soyabean Oil	5,754	5,956	5,806	6,240	6,636
Sunflower Oil	3,568	3,280	3,056	3,186	3,293
Rapeseed Oil	3,011	2,904	3,412	3,242	3,023
Olive Oil	1,030	1,400	1,590	1,550	1,650
Palm Kernel Oil	1,006	1,306	1,350	1,235	1,198
Coconut Oil	340	350	280	280	380
Cottonseed Oil	329	517	530	437	367
Corn Oil	430	420	360	350	350
Groundnut Oil	350	300	300	310	340
Castor Oil	140	180	110	120	170
Linseed Oil	110	100	110	110	110
Sesame Oil	50	50	50	50	50
Total Vegetable Oils	29,223	32,058	30,524	29,262	29,967
Butter	640	690	700	760	730
Tallow	550	620	640	610	620
Lard	530	510	480	510	500
Fish Oil	180	300	210	250	200
Total Animal Oils and Fats	1,900	2,120	2,030	2,130	2,050
Total	31,123	34,178	32,554	31,392	32,017

Source : Oil World

TABLE 1-38 : MAJOR PRODUCERS OF PALM OIL, 2017 – 2021

No.	Country	2017	2018	2019	2020	2021
		'000 Tonnes				
1	Indonesia	38,200	43,000	44,300	43,280	44,700
2	Malaysia	19,919	19,516	19,858	19,141	18,116
3	Thailand	2,602	2,775	3,040	2,690	2,940
4	Colombia	1,628	1,630	1,527	1,558	1,739
5	Nigeria	1,040	1,130	1,220	1,280	1,350
6	Guatemala	739	875	880	805	800
7	Papua New Guinea	645	648	578	616	670
8	Honduras	690	653	707	700	650
9	Brazil	443	450	550	590	620
10	Cote d'Ivoire	445	450	510	520	565
	Other Countries	3,287	3,553	3,502	3,571	3,684
	Total	69,638	74,680	76,672	74,751	75,834

Source : Oil World

TABLE 1-39 : MAJOR EXPORTERS OF PALM OIL, 2017 – 2021

No.	Country	2017	2018	2019	2020	2021
		'000 Tonnes				
1	Indonesia	28,610	29,340	30,118	27,263	28,087
2	Malaysia	16,560	16,488	18,471	17,395	15,566
3	Guatemala	682	815	812	746	766
4	Colombia	730	734	694	701	630
5	Papua New Guinea	622	614	571	532	660
6	Thailand	316	354	275	222	610
7	Honduras	540	521	572	536	491
8	Cote d'Ivoire	172	227	282	228	308
9	Costa Rica	176	212	210	199	219
10	Ecuador	285	287	187	125	95
	Other Countries	2,406	2,614	2,808	2,725	2,895
	Total	51,099	52,206	54,999	50,673	50,327

Source : Oil World

TABLE 1-40 : MAJOR IMPORTERS OF PALM OIL, 2017 – 2021

No.	Country	2017	2018	2019	2020	2021
		'000 Tonnes				
1	India	9,353	9,097	10,037	7,514	8,510
2	European Union (EU)	8,290	8,246	8,284	8,175	7,327
3	China	5,196	5,428	7,659	6,567	6,633
4	Pakistan	2,937	2,981	3,180	3,138	3,153
5	United States of America	1,399	1,549	1,577	1,430	1,717
6	Bangladesh	1,535	1,716	1,520	1,315	1,381
7	Philippines	1,175	1,162	1,040	1,083	1,213
8	Nigeria	1,499	1,355	1,363	1,243	1,202
9	Malaysia	556	841	977	947	1,177
10	Russia	938	1,098	1,106	1,064	1,134
	Other Countries	17,421	17,958	18,712	17,652	17,819
	Total	50,299	51,431	55,455	50,128	51,266

Source : Oil World

TABLE 1-41 : MAJOR CONSUMERS OF PALM OIL, 2017 – 2021

No.	Country	2017	2018	2019	2020	2021
		'000 Tonnes				
1	Indonesia	9,524	12,238	14,872	15,746	16,580
2	India	9,328	9,351	10,276	8,055	8,699
3	European Union (EU)	8,028	8,180	8,019	7,982	7,300
4	China	5,108	5,416	7,111	6,858	6,647
5	Malaysia	2,859	3,387	3,570	3,437	3,378
6	Pakistan	2,765	2,889	3,097	3,172	3,179
7	Nigeria	2,490	2,480	2,606	2,504	2,503
8	Thailand	2,108	2,443	2,843	2,561	2,400
9	United States of America	1,332	1,504	1,490	1,374	1,597
10	Bangladesh	1,448	1,634	1,638	1,430	1,375
	Other Countries	21,396	22,193	23,331	22,505	22,867
	Total	66,386	71,715	78,853	75,624	76,525

Source : Oil World

TABLE 1-42 : PRODUCTION OF MAJOR OILS AND FATS BY SELECTED COUNTRIES, 2021

No.	Country	Soya bean Oil	Palm Oil	Sunflower Oil	Rapeseed Oil	Cottonseed Oil	Groundnut Oil	Olive Oil	Coconut Oil	Palm Kernel Oil	Other Veg. Oils ¹	Animal Fats ²	Total
'000 Tonnes													
1	Indonesia	-	43,280	6	-	0	2	-	733	4,489	-	7	48,517
2	China	16,352	17	259	3,256	1,264	1,900	-	-	1	1,189	3,897	28,136
3	European Union (EU)	2,967	-	3,577	9,068	61	17	2,125	-	-	560	5,476	23,851
4	Malaysia	116	19,141	-	20	-	-	-	50	2,203	-	-	21,529
5	United States of America	11,509	-	188	866	210	119	16	-	-	2,484	6,195	21,587
6	Brazil	9,557	590	31	16	466	64	-	2	70	183	1,571	12,550
7	Argentina	7,154	-	1,068	-	20	68	26	-	-	69	345	8,752
8	India	1,394	280	63	2,520	1,272	549	-	339	21	954	3,082	10,475
9	Russia	822	-	6,004	665	-	-	-	-	-	89	687	8,267
10	Ukraine	312	-	7,094	134	-	-	-	-	-	38	146	7,724
	Other Countries	8,491	11,443	3,026	9,211	1,317	1,480	1,322	1,504	1,095	1,194	7,113	47,196
	Total	58,674	74,751	21,316	25,757	4,610	4,200	3,490	2,627	7,879	6,760	28,520	238,584

Source : Oil World

Note :

¹ Sesame Oil, Corn Oil, Linseed Oil and Castor Oil

² Butter, Lard, Fish Oil, Tallow and Grease

TABLE 1-43 : EXPORT OF MAJOR OILS AND FATS BY SELECTED COUNTRIES, 2021

No.	Country	Soya bean Oil	Palm Oil	Sunflower Oil	Rapeseed Oil	Cottonseed Oil	Groundnut Oil	Olive Oil	Coconut Oil	Palm Kernel Oil	Other Veg. Oils ¹	Animal Fats ²	Total
'000 Tonnes													
1	Indonesia	-	27,263	-	-	-	-	-	582	1,802	-	2	29,649
2	Malaysia	112	17,395	81	5	9	1	-	203	1,220	9	4	19,038
3	Argentina	5,641	-	603	-	13	70	22	-	-	16	72	6,437
4	Ukraine	303	1	6,864	138	-	-	-	-	-	10	22	7,338
5	Canada	127	-	2	3,406	-	0	-	6	-	23	261	3,824
6	European Union (EU)	947	145	853	564	1	6	927	33	8	85	519	4,088
7	United States of America	1,243	90	54	124	33	14	17	19	17	308	977	2,895
8	Russia	663	-	3,665	684	-	-	-	2	-	38	21	5,072
9	Ukraine	303	1	6,864	137	-	-	-	-	-	10	22	7,338
10	Brazil	1,110	17	0	1	5	67	-	-	-	33	8	1,241
	Other Countries	2,522	5,761	5,352	1,062	99	272	594	1,058	431	958	2,342	9,746
	Total	12,970	50,673	13,634	6,120	160	430	1,560	1,902	3,477	1,490	4,250	96,666

Source : Oil World

Note :

¹ Sesame Oil, Corn Oil, Linseed Oil and Castor Oil

² Butter, Lard, Fish Oil, Tallow and Grease

TABLE 1-44 : IMPORT OF MAJOR OILS AND FATS, 2021

No.	Country	Soya bean Oil	Palm Oil	Sunflower Oil	Rapeseed Oil	Cottonseed Oil	Groundnut Oil	Olive Oil	Coconut Oil	Palm Kernel Oil	Other Veg. Oils ¹	Animal Fats ²	Total
'000 Tonnes													
1	India	3,754.0	7,514.2	2,507.6	74.4	1.0	-	13.1	7.1	160.9	3.6	2.3	14,038.2
2	European Union (EU)	460.0	8,175.2	2,337.1	455.1	-	58.0	296.2	582.1	707.0	211.0	567.0	13,848.7
3	China	962.9	6,567.0	1,953.8	1,932.0	-	269.6	55.2	162.2	742.0	359.4	270.1	13,274.2
4	United States of America	135.0	1,430.1	186.2	1,767.1	2.5	6.8	408.9	445.2	378.1	99.4	359.4	5,218.7
5	Pakistan	97.8	3,138.4	3.5	-	-	-	3.8	5.1	24.8	1.3	3.0	3,277.6
6	Egypt	418.8	967.4	358.2	0.4	-	-	3.4	5.5	57.3	31.3	34.7	1,877.0
7	Bangladesh	796.8	1,314.6	9.9	-	-	-	-	1.1	16.1	-	5.9	2,144.4
8	Turkey	0.1	609.9	805.8	0.1	2.2	15.3	35.7	-	95.9	34.7	90.4	1,690.1
9	Mexico	130.4	497.7	33.8	170.1	20.3	0.1	26.2	4.8	96.9	17.8	275.2	1,273.3
10	Singapore	15.7	645.4	46.5	16.2	-	0.3	4.7	31.2	7.2	102.2	773.2	1,642.6
	Other Countries	6,140	19,268	5,364	1,600	144	30	663	666	1,188	559	1,859	37,479
	Total	12,911	50,128	13,606	6,015	170	380	1,510	1,910	3,474	1,420	4,240	95,764

Source : Oil World

Note :

¹ Sesame Oil, Corn Oil, Linseed Oil and Castor Oil

² Butter, Lard, Fish Oil, Tallow and Grease

TABLE 1-45 : MAJOR PRODUCERS OF OILS AND FATS, 2017 – 2021

No.	Country	2017	2018	2019	2020	2021
		'000 Tonnes				
1	Indonesia	42,802	48,253	49,673	48,517	50,143
2	China	28,744	29,334	26,833	28,136	29,420
3	European Union (EU)	24,418	25,233	23,820	23,851	24,390
4	United States of America	20,125	21,154	21,108	21,587	21,720
5	Malaysia	22,370	21,972	22,360	21,529	20,353
6	Brazil	10,768	11,342	11,514	12,550	12,659
7	India	9,736	10,367	10,067	10,475	11,161
8	Argentina	9,837	9,078	9,989	8,752	10,261
9	Russia	6,600	6,714	7,687	8,267	7,552
10	Ukraine	6,797	6,516	7,526	7,724	6,257
	Other Countries	31,590	33,508	35,337	35,740	36,310
	Total	224,172	234,268	236,810	238,584	241,428

Source : Oil World

TABLE 1-46 : MAJOR IMPORTERS OF OILS AND FATS, 2017 – 2021

No.	Country	2017	2018	2019	2020	2021
		'000 Tonnes				
1	India	15,451	14,916	15,882	14,038	14,110
2	China	8,818	9,625	13,255	13,274	13,015
3	European Union (EU)	12,922	12,734	13,780	13,849	12,457
4	United States of America	5,053	5,109	5,246	5,219	5,826
5	Pakistan	3,189	3,142	3,373	3,278	3,274
6	Bangladesh	2,452	2,623	2,411	2,144	2,197
7	Iran	1,413	1,205	1,707	1,041	2,120
8	Malaysia	1,344	1,701	1,912	1,887	2,037
9	Turkey	1,498	1,329	1,445	1,690	1,760
10	Russia	1,172	1,451	1,544	1,520	1,624
	Other Countries	34,952	35,544	37,608	37,824	36,904
	Total	88,264	89,379	98,163	95,764	95,324

Source : Oil World

TABLE 1-47 : MAJOR EXPORTERS OF OILS AND FATS, 2017 – 2021

No.	Country	2017	2018	2019	2020	2021
		'000 Tonnes				
1	Indonesia	30,931	31,879	32,759	29,649	30,268
2	Malaysia	17,877	17,781	20,025	19,038	17,031
3	Argentina	6,013	5,288	6,822	6,437	7,786
4	Ukraine	6,053	5,984	6,678	7,338	5,583
5	Russia	3,155	3,165	4,412	5,072	4,483
6	European Union (EU)	2,857	2,888	3,631	4,088	4,051
7	Canada	3,456	3,681	3,644	3,824	3,624
8	United States of America	2,578	2,537	2,434	2,895	2,289
9	Brazil	1,530	1,533	1,138	1,240	1,843
10	Philippines	857	1,018	1,198	954	946
	Other Countries	13,558	14,643	15,497	16,131	16,214
	Total	88,865	90,397	98,238	96,666	94,118

Source : Oil World

TABLE 1-48 : MAJOR CONSUMERS OF OILS AND FATS, 2017 – 2021

No.	Country	2017	2018	2019	2020	2021
		'000 Tonnes				
1	China	38,022	38,535	39,614	40,966	42,320
2	European Union (EU)	34,345	34,768	33,485	33,815	32,768
3	India	24,145	24,698	25,292	23,737	24,213
4	United States of America	22,565	23,823	23,886	23,864	24,965
5	Indonesia	11,821	14,890	17,742	18,805	19,904
6	Brazil	9,761	10,584	11,074	12,078	11,960
7	Malaysia	4,728	5,252	5,457	5,189	5,116
8	Pakistan	4,985	5,149	5,328	5,273	5,275
9	Russia	4,654	4,826	4,885	4,749	4,673
10	Argentina	3,942	3,592	3,262	2,335	2,915
	Other Countries	62,138	64,078	68,334	68,033	67,900
	Total	221,106	230,195	238,359	238,844	242,009

Source : Oil World

TABLE 1-49 : COMPARATIVE YIELDS OF VEGETABLE OILS, 2020/2021

Crop	Product	Average Oil Content	Potential Oil Content	Average Yield	Calculated Yield of Oil
		%		Tonnes/Hectare	
Oil Palm ¹	Palm oil	20.2	23-25	15.47	3.13
	Palm kernel	45.9	45-50	0.75	0.34
Soyabean	Seed	18.9	18-19	2.80	0.53
Groundnut	Seed	40.5	40-45	1.14	0.46
Cotton	Seed	14.4	18-20	1.28	0.18
Rapeseed	Seed	40.7	40-45	2.02	0.82
Sunflower	Seed	41.8	40-50	1.80	0.75
Coconut	Copra	62.3	65-68	0.47	0.30

Source : Oil World

Note :

¹ Refer to Malaysia Hybrid DXP Variety