



DATA STATISTICS ON COMMODITIES 2022

PALM OIL



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OIL PALM

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TABLE 1-1 : PLANTED AREA UNDER OIL PALM, 2018 – 2022

Year	Peninsular	Sabah	Sarawak	Total
	Hectares			
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
2022	2,554,307	1,508,060	1,622,374	5,674,742

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-2 : DISTRIBUTION OF OIL PALM PLANTED AREA BY STATE AND MAIN SECTOR, 2022

State	Estate & Organized Smallholders	Independent Smallholders	Total
	Hectares		
Johor	529,511	147,342	676,853
Kedah	62,374	24,112	86,487
Kelantan	154,753	7,100	161,852
Melaka	42,564	9,783	52,347
Negeri Sembilan	157,516	21,044	178,560
Pahang	709,270	40,543	749,813
Perak	272,299	79,799	352,098
Perlis	727	159	886
Pulau Pinang	3,285	5,294	8,579
Selangor	86,775	19,233	106,008
Terengganu	159,736	11,089	170,825
Peninsular	2,178,810	365,498	2,544,308
Percent (%)	85.6	14.4	100.0
Sabah	1,307,095	200,965	1,508,060
Percent (%)	86.7	13.3	100.0
Sarawak	1,372,729	249,645	1,622,374
Percent (%)	84.6	15.4	100.0
Total	4,858,634	816,107	5,674,742
Percent (%)	85.6	14.4	100.0

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-3 : OIL PALM PLANTED AREA MATURED AND IMMATURED BY STATE, 2022

State	Matured	Immatured	Total
	Hectares		
Johor	631,478	45,375	676,853
Kedah	75,281	11,206	86,487
Kelantan	139,367	22,485	161,852
Melaka	48,056	4,290	52,347
Negeri Sembilan	167,461	11,099	178,560
Pahang	678,373	71,440	749,813
Perak	324,473	27,624	352,098
Perlis	883	3	886
Pulau Pinang	8,441	138	8,579
Selangor	96,282	9,726	106,008
Terengganu	141,337	29,487	170,825
Peninsular	2,311,432	232,873	2,544,308
Sabah	1,326,940	181,120	1,508,060
Sarawak	1,488,917	133,458	1,622,374
Total	5,127,290	547,452	5,674,742

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-4 : OIL PALM PLANTED AREA BY MATURED AND IMMATURED, 2018 – 2022

Region	Type	2018	2019	2020	2021	2022
		Hectares				
Peninsular	Matured	2,407,163	2,443,715	2,455,535	2,363,870	2,311,432
	Immatured	320,445	325,288	282,188	243,977	232,873
	Total	2,727,608	2,769,003	2,737,723	2,607,847	2,544,308
Sabah	Matured	1,378,655	1,353,812	1,344,608	1,331,981	1,326,940
	Immatured	170,590	190,669	198,446	191,643	181,120
	Total	1,549,245	1,544,481	1,543,054	1,523,624	1,508,060
Sarawak	Matured	1,403,526	1,419,295	1,431,600	1,448,329	1,488,917
	Immatured	168,951	167,378	152,920	157,932	133,458
	Total	1,572,477	1,586,673	1,584,520	1,606,261	1,622,374
Total	Matured	5,189,344	5,216,822	5,231,743	5,144,180	5,127,290
	Immatured	659,986	683,335	633,554	593,551	547,452
	Total	5,849,330	5,900,157	5,865,297	5,737,731	5,674,742

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-5 : PRODUCTION OF CRUDE PALM OIL BY STATE, 2018 – 2022

State	2018	2019	2020	2021	2022
	Tonnes				
Johor	3,113,455	3,142,218	3,157,647	2,851,495	2,969,525
Kedah	265,770	239,073	218,106	236,668	237,382
Kelantan	294,884	332,438	338,021	314,406	336,061
Negeri Sembilan	679,451	698,440	651,310	631,112	675,767
Pahang	2,754,382	3,019,773	2,998,600	2,795,769	3,013,127
Perak	1,861,067	1,854,050	1,840,646	1,902,382	1,866,423
Selangor	519,504	521,837	509,535	522,372	498,904
Terengganu	486,416	556,230	541,371	429,665	407,500
Other States	222,517	219,729	183,663	163,128	156,661
Peninsular	10,197,446	10,583,788	10,438,899	9,846,997	10,161,330
Sabah	5,139,356	5,037,168	4,647,375	4,361,537	4,286,665
Sarawak	4,179,339	4,237,411	4,054,339	3,907,820	4,005,425
Total	19,516,141	19,858,367	19,140,613	18,116,354	18,453,420

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-6 : PRODUCTION OF PALM KERNEL BY STATE, 2018 – 2022

State	2018	2019	2020	2021	2022
	Tonnes				
Johor	877,361	857,345	874,087	778,627	811,655
Kedah	70,708	65,500	58,156	62,575	61,144
Kelantan	72,926	82,998	80,911	75,281	83,068
Negeri Sembilan	190,786	193,714	175,645	161,296	178,656
Pahang	728,610	792,321	777,916	713,545	786,081
Perak	528,196	514,661	505,850	512,835	505,349
Selangor	148,662	145,549	141,702	143,025	140,349
Terengganu	123,537	140,029	133,840	107,287	100,524
Other States	64,011	61,313	50,650	43,666	42,797
Peninsular	2,804,797	2,853,430	2,798,757	2,598,137	2,709,623
Sabah	1,179,682	1,147,317	1,043,751	956,791	946,504
Sarawak	874,914	891,204	861,473	862,791	895,022
Total	4,859,393	4,891,951	4,703,981	4,417,719	4,551,149

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-7 : PRODUCTION OF CRUDE PALM KERNEL OIL BY STATE, 2018 – 2022

State	2018	2019	2020	2021	2022
	Tonnes				
Johor	443,490	469,068	454,783	420,655	415,251
Perak	221,549	229,061	209,463	195,835	217,942
Selangor	542,800	515,811	511,287	487,775	486,558
Other States	160,553	180,381	160,354	139,167	162,179
Peninsular	1,368,392	1,394,321	1,335,887	1,243,432	1,281,930
Sabah	554,067	557,134	499,490	445,051	438,173
Sarawak	377,526	370,729	367,936	360,952	376,810
Total	2,299,985	2,322,184	2,203,313	2,049,435	2,096,913

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-8 : PRODUCTION OF PALM KERNEL CAKE BY STATE, 2018 – 2022

State	2018	2019	2020	2021	2022
	Tonnes				
Johor	485,627	512,592	503,152	464,559	459,096
Perak	240,694	247,765	225,299	212,864	236,023
Selangor	601,816	571,334	570,826	545,077	543,123
Other States	180,339	198,745	178,217	152,311	176,414
Peninsular	1,508,476	1,530,436	1,477,494	1,374,811	1,414,656
Sabah	672,765	647,559	598,111	527,300	519,577
Sarawak	413,748	408,591	404,147	398,291	421,750
Total	2,594,989	2,586,586	2,479,752	2,300,402	2,355,983

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, 2022

Month	Crude Palm Oil	Palm Kernel	Crude Palm Kernel Oil	Palm Kernel Cake
	Tonnes			
January	1,253,581	309,157	153,173	174,810
February	1,137,462	283,050	126,669	143,073
March	1,411,223	359,162	160,693	180,516
April	1,462,053	367,163	168,068	191,019
May	1,461,029	354,914	158,408	179,224
June	1,545,111	378,414	175,731	200,096
July	1,573,563	383,667	180,612	204,418
August	1,725,787	424,233	191,354	215,976
September	1,770,441	436,189	189,445	211,270
October	1,813,596	448,130	201,216	226,996
November	1,680,741	407,617	192,880	210,833
December	1,618,833	399,453	198,664	217,752
Total	18,453,420	4,551,149	2,096,913	2,355,983

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-10 : REFINERY PRODUCTION OF SELECTED PROCESSED PALM OIL, 2018 – 2022

Year	C.P. Stearin	C.P. Olein	RBD Palm Oil	RBD Palm Olein	RBD Palm Stearin	PFAD	Cooking Oil
	Tonnes						
2018	91,758	588,373	14,940,999	10,595,104	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	14,232,766	10,118,797	2,858,586	696,775	414,546
2021	37,435	425,177	12,093,243	8,876,239	2,522,012	622,309	406,777
2022	34,474	255,078	12,911,950	9,214,559	2,586,834	725,513	458,302

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, 2022

Year	C.P. Stearin	C.P. Olein	RBD Palm Oil	RBD Palm Olein	RBD Palm Stearin	PFAD	Cooking Oil
Tonnes							
January	2,616	17,719	1,032,210	734,526	204,097	59,927	30,615
February	2,387	16,315	853,961	654,591	187,208	48,537	37,620
March	2,178	13,496	1,016,457	781,260	224,687	58,863	43,330
April	3,446	18,368	925,888	669,265	190,123	52,145	44,923
May	1,847	7,190	991,837	642,585	179,107	53,493	39,933
June	3,755	25,695	1,111,797	732,519	208,645	62,101	39,084
July	3,342	25,443	1,070,503	741,392	205,994	59,596	39,848
August	2,498	21,452	1,164,941	881,089	242,947	61,384	39,559
September	3,167	36,256	1,165,630	845,797	238,269	63,653	36,876
October	3,643	28,871	1,348,140	979,175	276,962	76,108	37,801
November	2,511	25,373	1,195,097	857,487	230,731	68,184	35,322
December	3,084	18,900	1,035,489	694,873	198,064	61,522	33,391
Total	34,474	255,078	12,911,950	9,214,559	2,586,834	725,513	458,302

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 : PALM OIL MILLS AND REFINERIES, 2018 – 2022

Year	Mills In Operation		Refineries In Operation	
	Number	Capacity (MT/ FFB/ Year)	Number	Capacity (MT/ FFB/ Year)
		Tonnes		Tonnes
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	115,865,750	49	25,761,200
2022	450	119,362,370	52	26,901,200

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-13 : NUMBER AND CAPACITIES OF PALM OIL SECTORS, 2022

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	238	59,633,300	128	34,314,070	84	25,415,000	450	119,362,370
PK Crushers	26	4,594,900	10	1,993,200	5	757,200	41	7,345,300
Refineries	34	15,048,200	12	8,738,000	6	3,115,000	52	26,901,200
Oleochemicals	22	2,691,404	-	-	-	-	22	2,691,404

Source: Malaysian Palm Oil Board (MPOB)

Note :

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

TABLE 1-14 : YIELD OF FRESH FRUIT BUNCHES, CRUDE PALM OIL AND PALM KERNEL, 2018 – 2022

Year	Fresh Fruit Bunches	Crude Palm Oil	Palm Kernel
	Tonnes/ Hectare		
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
2022	15.49	3.05	0.75

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-15 : AVERAGE MONTHLY FFB YIELD OF OIL PALM ESTATES, 2022

States	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Tonnes/ Hectare												
Johor	1.19	1.13	1.37	1.34	1.38	1.47	1.51	1.63	1.65	1.71	1.65	1.61	17.65
Kedah	0.95	1.07	1.25	1.16	1.11	1.22	1.22	1.39	1.48	1.45	1.38	1.45	15.12
Kelantan	0.72	0.64	0.90	0.83	0.84	0.86	0.89	1.01	1.13	1.26	1.13	0.93	11.15
Melaka	1.16	1.33	1.59	1.54	1.53	1.62	1.64	1.61	1.65	1.54	1.44	1.48	18.12
Negeri Sembilan	1.02	1.14	1.41	1.44	1.47	1.53	1.53	1.66	1.69	1.67	1.54	1.43	17.52
Pahang	1.05	1.02	1.31	1.25	1.29	1.37	1.36	1.52	1.60	1.67	1.52	1.43	16.37
Perak	1.22	1.32	1.58	1.52	1.53	1.63	1.67	1.75	1.66	1.62	1.44	1.46	18.38
Pulau Pinang	0.81	0.90	1.08	1.00	0.96	1.13	1.20	0.97	0.94	0.78	0.71	0.88	11.35
Selangor	1.17	1.25	1.52	1.49	1.33	1.43	1.49	1.54	1.50	1.39	1.32	1.31	16.74
Terengganu	0.93	0.75	0.89	0.81	0.91	0.91	0.94	1.10	1.28	1.43	1.29	1.02	12.27
Peninsular	1.07	1.07	1.32	1.28	1.30	1.38	1.40	1.52	1.57	1.61	1.49	1.41	16.41
Sabah	1.27	1.03	1.15	1.14	1.11	1.15	1.13	1.35	1.47	1.55	1.54	1.51	15.39
Sarawak	0.97	0.83	0.98	1.02	1.12	1.20	1.22	1.41	1.45	1.41	1.30	1.22	14.13
Total	1.10	0.99	1.18	1.17	1.20	1.26	1.28	1.45	1.51	1.54	1.45	1.38	15.49

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-16 : AVERAGE MONTHLY CPO YIELD OF OIL PALM ESTATES, 2022

States	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Tonnes/ Hectare												
Johor	0.24	0.22	0.27	0.26	0.28	0.29	0.30	0.32	0.32	0.33	0.32	0.31	3.46
Kedah	0.19	0.20	0.24	0.23	0.22	0.24	0.25	0.28	0.30	0.29	0.27	0.27	2.99
Kelantan	0.14	0.13	0.18	0.17	0.18	0.18	0.19	0.21	0.24	0.27	0.23	0.19	2.31
Melaka	0.24	0.27	0.32	0.31	0.31	0.32	0.33	0.28	0.32	0.30	0.28	0.28	3.57
Negeri Sembilan	0.20	0.23	0.28	0.28	0.29	0.30	0.31	0.32	0.33	0.32	0.30	0.28	3.44
Pahang	0.21	0.20	0.26	0.25	0.26	0.27	0.27	0.29	0.31	0.33	0.29	0.27	3.21
Perak	0.24	0.25	0.30	0.29	0.30	0.31	0.33	0.35	0.33	0.32	0.28	0.28	3.57
Pulau Pinang	0.16	0.17	0.21	0.20	0.20	0.22	0.25	0.20	0.19	0.16	0.14	0.17	2.27
Selangor	0.22	0.23	0.28	0.28	0.25	0.27	0.29	0.29	0.29	0.27	0.25	0.25	3.16
Terengganu	0.18	0.15	0.17	0.16	0.19	0.18	0.19	0.22	0.26	0.29	0.26	0.19	2.43
Peninsular	0.21	0.21	0.26	0.25	0.26	0.27	0.28	0.30	0.31	0.32	0.29	0.27	3.21
Sabah	0.25	0.21	0.23	0.23	0.22	0.23	0.23	0.28	0.30	0.32	0.31	0.30	3.12
Sarawak	0.19	0.16	0.19	0.20	0.22	0.23	0.23	0.27	0.28	0.27	0.26	0.24	2.75
Total	0.22	0.19	0.23	0.23	0.24	0.25	0.25	0.29	0.30	0.30	0.29	0.27	3.05

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-17: OIL EXTRACTION RATE FOR CRUDE PALM OIL AND CRUDE PALM KERNEL OIL, 2018 – 2022

Year	Crude Palm Oil	Crude Palm Kernel Oil
	Percent (%)	
2018	19.95	45.58
2019	20.21	45.90
2020	19.92	45.66
2021	20.01	45.60
2022	19.70	45.35

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-18 : MONTHLY OIL EXTRACTION RATE FOR CRUDE PALM OIL BY STATE, 2022

States	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Percent (%)												
Johor	19.82	19.52	19.68	19.70	19.93	19.73	19.96	19.41	19.33	19.47	19.37	19.36	19.60
Kedah	20.45	18.70	19.21	19.69	20.07	19.64	20.21	20.36	20.16	20.03	19.37	18.93	19.77
Kelantan	20.07	20.02	19.89	20.91	21.47	21.06	21.32	21.06	20.88	21.04	20.79	20.13	20.76
Negeri Sembilan	19.85	19.81	19.72	19.70	19.76	19.67	20.08	19.25	19.43	19.42	19.41	19.47	19.61
Pahang	19.65	19.38	19.57	19.80	19.97	19.81	20.09	19.33	19.47	19.48	19.36	19.10	19.58
Perak	19.27	18.72	18.91	19.20	19.75	19.11	19.84	19.74	19.67	19.77	19.53	19.24	19.41
Selangor	18.48	18.46	18.67	18.96	19.09	18.55	19.45	19.03	19.05	19.13	19.01	18.71	18.90
Terengganu	19.63	19.35	19.16	20.31	20.35	20.02	20.08	19.77	19.97	19.97	19.93	18.88	19.81
Other States	20.42	19.71	19.67	20.29	20.60	19.69	20.42	19.66	20.08	19.91	19.68	19.08	19.89
Sabah	19.95	19.94	20.01	20.53	20.27	20.34	20.18	20.40	20.33	20.52	20.33	20.06	20.25
Sarawak	19.48	19.07	19.53	19.58	19.87	19.14	19.20	19.39	19.27	19.46	19.85	19.76	19.47
Average	19.68	19.39	19.57	19.83	19.98	19.66	19.86	19.67	19.65	19.78	19.76	19.55	19.70

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-19 : MONTHLY OIL EXTRACTION RATE FOR CRUDE PALM KERNEL OIL BY STATE, 2022

States	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Percent (%)												
Johor	45.95	45.94	45.89	45.65	45.75	46.22	46.30	46.13	46.29	46.22	46.31	46.18	46.09
Perak	46.34	46.02	46.18	45.27	46.05	46.03	46.38	46.67	46.43	46.45	46.28	46.23	46.21
Selangor	45.79	45.73	45.88	45.92	45.79	45.95	45.92	45.74	45.60	45.32	45.42	45.20	45.68
Other States	45.79	45.95	45.85	46.07	46.15	46.20	46.13	46.00	46.04	46.11	46.28	46.09	46.06
Sabah	43.53	44.07	44.10	42.91	43.68	43.81	43.25	43.52	44.00	43.67	43.25	43.84	43.62
Sarawak	45.14	46.03	45.52	45.53	45.43	45.53	45.21	45.53	45.01	45.45	45.58	45.67	45.45
Average	45.17	45.47	45.51	45.09	45.32	45.55	45.43	45.46	45.40	45.31	45.25	45.31	45.35

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-20 : ANNUAL AVERAGE PRICE OF OIL PALM PRODUCTS, 2018 – 2022

Year	Crude Palm Oil (Local Delivered)	Palm Kernel (Ex-Mill)	Crude Palm Kernel Oil (Local Delivered)	Fresh Fruit Bunches (1% OER) (Ex-Mill)
	RM/ Tonne			RM/ 1% OER
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
2022	5,087.50	3,118.00	6,327.00	55.52

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-21 : MONTHLY AVERAGE PRICE OF OIL PALM PRODUCTS, 2022

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	5,354.50	4,422.50	9,156.00	61.61
February	5,930.50	4,824.50	9,938.50	68.30
March	6,867.00	4,698.50	9,813.00	76.96
April	6,678.00	4,111.50	8,252.00	73.68
May	6,873.00	3,672.00	7,580.00	74.26
June	6,106.00	2,791.50	6,291.00	63.68
July	4,063.00	2,304.00	4,654.00	42.30
August	4,169.00	2,441.00	4,818.00	44.20
September	3,736.50	2,469.00	5,020.50	39.72
October	3,682.00	2,163.00	4,420.00	38.50
November	4,087.50	2,029.50	3,925.50	42.04
December	3,960.50	2,049.00	4,006.00	41.04
Average	5,087.50	3,118.00	6,327.00	55.52

Source: Malaysian Palm Oil Board (MPOB)

TABLE 1-22 : MONTHLY EXPORT OF PALM OIL & PALM PRODUCTS, 2022^P

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	1,125.08	5,972.36	77.10	526.56	357.71	2,569.82	320.33	863.34	151.83	94.53	2,032.04	10,026.61
February	984.49	5,351.71	70.17	552.36	346.99	2,614.78	199.55	769.15	218.67	139.33	1,819.87	9,427.32
March	1,264.18	7,483.81	73.68	593.90	418.76	3,155.13	230.36	809.78	154.63	105.60	2,141.61	12,148.22
April	1,117.51	6,952.28	82.52	770.43	417.46	3,551.64	204.85	840.23	167.92	127.36	1,990.26	12,241.94
May	1,150.63	7,889.39	59.03	557.39	331.12	2,920.38	204.98	1,062.55	251.93	193.94	1,997.70	12,623.65
June	1,250.67	8,629.69	96.70	947.02	365.98	3,129.52	358.38	1,667.04	175.74	145.28	2,247.46	14,518.55
July	1,169.54	7,599.09	63.30	516.67	384.35	3,153.40	193.78	843.84	187.80	148.83	1,998.77	12,261.83
August	1,270.60	7,042.56	93.19	673.87	349.21	2,592.41	274.74	1,118.37	201.12	151.85	2,188.87	11,579.05
September	1,430.97	7,057.67	102.36	680.91	410.85	2,643.29	290.63	1,149.95	159.33	109.40	2,394.13	11,641.23
October	1,219.94	5,607.24	78.26	533.88	416.13	2,549.19	264.61	939.90	252.85	181.15	2,231.79	9,811.36
November	1,327.51	5,888.23	80.14	500.55	375.79	2,319.86	269.68	885.71	205.74	149.10	2,258.86	9,743.44
December	2,040.94	7,019.53	139.21	762.01	489.71	2,415.01	317.33	1,507.12	239.22	163.67	3,226.41	11,867.35
Total	15,352.06	82,493.56	1,015.65	7,615.54	4,664.05	33,614.44	3,129.23	12,456.98	2,366.79	1,710.02	26,527.78	137,890.54

Source : Department of Statistics, Malaysia (DOSM)

Note :

¹ Include crude and processed

^P Preliminary

TABLE 1-23 : MONTHLY IMPORT OF PALM OIL & PALM PRODUCTS, 2022^P

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	111.51	590.49	12.55	106.24	104.67	730.62	25.18	146.01	-	-	253.91	1,573.37
February	209.75	1,174.63	14.38	125.35	114.64	834.99	26.25	153.47	-	-	365.03	2,288.44
March	148.68	869.33	31.06	289.52	114.58	910.47	14.19	89.64	-	-	308.50	2,158.96
April	80.83	538.15	23.09	204.35	151.85	1,163.88	33.44	207.60	-	-	289.21	2,113.98
May	58.66	420.88	12.80	114.81	102.83	841.39	15.20	112.21	-	-	189.48	1,489.29
June	77.52	549.03	16.33	127.47	153.03	1,125.20	25.63	187.09	0.10	0.43	272.60	1,989.21
July	147.85	907.95	24.17	164.46	137.88	977.11	33.13	212.31	-	-	343.04	2,261.83
August	159.76	870.48	14.73	70.80	136.88	812.43	53.47	262.82	-	-	364.84	2,016.53
September	192.57	921.53	43.85	217.73	168.38	930.55	39.01	221.67	-	-	443.80	2,291.48
October	61.50	260.58	15.85	77.99	135.57	779.42	28.44	158.09	-	-	241.36	1,276.08
November	63.19	277.45	30.41	153.27	93.43	609.23	24.62	113.02	0.36	0.14	211.99	1,153.10
December	53.30	212.84	31.26	126.98	428.37	799.39	46.28	235.34	-	-	559.21	1,374.54
Total	1,365.12	7,593.34	270.46	1,778.97	1,842.11	10,514.68	364.83	2,099.27	0.46	0.57	3,842.98	21,986.82

Source : Department of Statistics, Malaysia (DOSM)

Note :

¹ Include crude and processed

^P Preliminary

TABLE 1-24 : EXPORT OF PALM OIL AND PALM BASED PRODUCTS, 2018 – 2022

Product	2018		2019		2020		2021		2022 ^P	
	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	15,363.86	38,655.13	17,428.69	39,128.22	16,214.37	45,647.15	14,835.07	64,614.75	15,352.06	82,493.56
Crude Palm Oil	3,341.77	7,821.07	3,933.77	8,056.76	4,501.51	12,311.84	4,705.48	20,522.89	3,775.20	19,767.70
Processed Palm Oil	12.02	0.03	13,494.91	31,071.46	11,712.87	33,335.31	10,129.59	44,091.87	11,576.86	62,725.86
Palm Kernel Oil	906.31	4,092.97	1,006.50	3,305.81	1,140.20	4,151.58	1,131.77	6,668.30	1,015.65	7,615.54
Crude Palm Kernel Oil	340.02	1,325.19	647.82	905.99	460.67	1,536.45	387.44	2,309.35	262.18	1,796.49
Processed Palm Kernel Oil	0.57	0.00	358.69	2,399.82	679.53	2,615.14	744.33	4,358.94	753.47	5,819.05
Palm-Based Oleochemicals	4,809.82	19,114.87	5,462.91	18,121.32	4,423.97	16,500.81	4,740.22	26,802.30	4,664.05	33,614.44
Other Palm-based Products	1,745.54	4,518.74	2,559.29	5,945.54	2,302.92	5,737.60	2,464.11	9,035.55	3,129.23	12,456.98
Palm Kernel Cake	2,400.59	1,134.27	2,584.33	1,045.26	2,529.44	1,295.16	2,245.64	1,394.29	2,366.79	1,710.02
Total	25,226.12	67,515.98	29,041.72	67,546.15	26,610.91	73,332.30	25,416.82	108,515.18	26,527.78	137,890.54

Source : Department of Statistics, Malaysia (DOSM)

Note:

^P Preliminary

TABLE 1-25 : IMPORT OF PALM OIL & PALM PRODUCTS, 2018 – 2022

Product	2018		2019		2020		2021		2022 ^P	
	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	1,108.83	2,583.15	1,289.61	2,745.50	1,155.11	3,444.23	1,446.35	6,210.23	1,365.12	7,593.34
Palm Kernel Oil ¹	318.33	1,175.47	333.48	930.12	300.65	1,031.92	367.57	1,899.82	270.46	1,778.97
Palm-Based Oleochemicals	1,203.56	5,568.95	1,074.42	4,424.79	1,040.20	4,591.35	1,292.25	7,791.69	1,842.11	10,514.68
Other Palm-based Products	352.04	965.65	431.14	1,316.77	545.55	1,613.61	540.24	2,314.99	364.83	2,099.27
Palm Kernel Cake	0.30	0.23	0.45	0.24	0.48	0.37	1.23	3.83	0.46	0.57
Total	2,983.06	10,293.45	3,129.11	9,417.42	3,041.99	10,681.48	3,647.64	18,220.56	3,842.98	21,986.82

Source : Department of Statistics, Malaysia (DOSM)

Note :

¹ Include crude and processed

^P Preliminary

TABLE 1-26 : EXPORT OF PALM OIL & PALM-BASED PRODUCTS TO MAJOR COUNTRIES, 2018 – 2022

Rank	Country of Destination	2018		2019		2020		2021		2022 ^P	
		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)	3,807.50	9,899.43	4,136.96	10,473.26	3,594.71	11,275.87	3,597.89	17,501.60	3,354.60	21,216.57
2	India	2,676.15	6,838.86	4,836.73	10,577.13	3,031.12	8,570.69	3,915.66	17,913.93	3,389.63	18,454.25
3	China	3,072.78	8,370.00	4,004.73	9,419.40	3,965.90	10,778.22	3,318.35	13,630.52	3,426.59	16,416.52
4	Japan	1,217.91	2,977.38	1,575.75	2,717.01	1,638.78	2,734.15	1,629.58	4,148.85	2,192.13	6,418.96
5	Turkiye	979.61	2,554.65	1,082.74	2,572.12	860.30	2,669.77	927.45	4,378.19	999.73	5,943.35
6	Philippines	838.74	2,314.54	760.67	1,852.62	771.47	2,324.51	682.73	3,033.68	777.64	4,494.35
7	Kenya	261.13	661.16	230.38	493.19	541.60	1,533.22	895.80	3,747.63	832.17	4,450.92
8	Korea, Republic of	985.45	1,944.67	1,137.67	1,822.91	1,138.81	2,087.39	1,078.35	2,963.19	1,155.68	4,114.24
9	Singapore	627.83	2,041.76	768.18	2,291.03	710.12	2,467.37	639.31	3,282.09	777.66	3,972.89
10	United States of America	995.07	3,636.29	1,073.55	3,169.81	975.77	3,407.82	661.56	3,543.03	479.41	3,944.86
	Other Countries	9,763.95	26,277.24	9,434.36	22,157.67	9,382.33	25,483.29	8,070.14	34,372.48	9,142.54	48,463.63
	Total	25,226.12	67,515.98	29,041.72	67,546.15	26,610.91	73,332.30	25,416.82	108,515.18	26,527.78	137,890.54

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)
2. The country arrangement based on current year

^P Preliminary

TABLE 1-27 : EXPORT OF PALM OIL TO MAJOR COUNTRIES, 2018 – 2022

Rank	Country of Destination	2018		2019		2020		2021		2022 ^P	
		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	1,695.22	3,932.43	2,368.44	5,056.66	2,599.68	6,960.52	3,439.91	15,285.48	2,913.07	15,381.90
2	China	1,829.28	4,722.68	1,989.76	4,525.24	1,826.50	5,224.24	1,769.25	7,029.38	1,694.04	8,446.63
3	European Union (EU)	2,183.39	5,104.25	4,244.42	8,914.92	2,601.84	7,149.00	1,421.33	6,180.99	1,229.00	6,978.25
4	Turkiye	616.71	1,567.00	694.91	1,587.56	619.05	1,779.08	688.48	3,047.94	766.87	4,309.35
5	Kenya	251.71	627.43	224.41	475.19	513.80	1,447.97	835.42	3,450.11	762.27	4,041.58
6	Philippines	703.17	1,724.89	629.97	1,401.25	684.93	1,951.69	582.84	2,476.62	655.42	3,621.75
7	Pakistan	964.30	2,474.23	970.74	2,206.74	892.29	2,403.64	535.96	2,360.94	831.17	2,962.05
8	Japan	460.74	1,160.28	498.51	1,139.24	430.79	1,195.82	421.78	1,793.47	531.87	2,921.45
9	Saudi Arabia	374.75	892.33	127.25	290.93	314.47	889.53	316.97	1,375.73	488.26	2,797.15
10	Iran	485.21	1,178.65	520.57	1,149.74	315.70	895.11	406.98	1,746.01	459.07	2,531.44
	Other Countries	5,799.38	15,270.96	5,159.71	12,380.75	5,415.32	15,750.55	4,416.15	19,868.09	5,021.03	28,502.01
	Total	15,363.86	38,655.13	17,428.69	39,128.22	16,214.37	45,647.15	14,835.07	64,614.75	15,352.06	82,493.56

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)
2. The country arrangement based on current year

^P Preliminary

TABLE 1-28 : EXPORT OF PALM KERNEL OIL TO MAJOR COUNTRIES, 2018 – 2022

Rank	Country of Destination	2018		2019		2020		2021		2022 ^P	
		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)	243.62	1,053.57	233.37	672.30	366.14	1,281.80	335.74	2,036.29	260.35	1,997.48
2	China	150.09	591.91	189.45	523.28	214.93	684.64	162.53	983.24	174.49	1,214.14
3	Turkiye	61.48	278.69	77.40	241.44	81.26	288.28	94.08	538.68	83.79	589.87
4	India	61.44	214.57	83.79	213.44	51.76	177.22	92.76	538.55	75.71	482.50
5	Japan	18.84	87.74	24.30	83.06	26.52	96.67	31.25	179.64	60.20	414.65
6	United States of America	77.27	360.99	79.80	263.09	86.22	300.97	36.41	235.56	42.12	355.81
7	Philippines	45.30	188.71	35.55	114.23	20.47	72.03	33.66	170.63	30.14	246.02
8	Viet Nam	14.49	68.27	16.30	61.62	17.20	67.09	26.07	129.80	25.22	244.06
9	Brazil	9.43	51.41	9.70	46.92	15.63	57.90	10.68	59.74	29.37	225.19
10	Egypt	33.30	174.28	29.02	121.06	36.10	152.59	43.28	241.50	26.12	211.51
	Other Countries	191.05	1,022.83	227.82	965.37	223.97	972.39	265.32	1,554.67	208.15	1,634.30
	Total	906.31	4,092.97	1,006.50	3,305.81	1,140.20	4,151.58	1,131.77	6,668.30	1,015.65	7,615.54

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)
2. The country arrangement based on current year

^P Preliminary

TABLE 1-29 : EXPORT OF PALM-BASED OLEOCHEMICAL TO MAJOR COUNTRIES, 2018 – 2022

Rank	Country of Destination	2018		2019		2020		2021		2022 ^P	
		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)	1,060.49	3,295.93	1,207.82	3,564.00	863.93	3,112.57	1,079.60	5,928.33	993.21	7,358.21
2	China	690.69	3,213.69	841.55	2,975.10	734.14	2,653.12	848.03	4,732.64	884.23	5,675.10
3	India	384.43	1,422.13	455.95	1,390.11	361.56	1,225.87	379.99	2,071.98	397.41	2,561.57
4	Japan	270.15	1,452.51	255.59	1,105.94	202.91	944.52	250.19	1,675.54	250.93	2,343.05
5	United States of America	386.39	1,881.96	489.32	1,724.90	374.89	1,583.52	340.10	2,040.38	231.83	2,285.55
6	Korea, Republic of	324.11	1,030.12	343.59	906.88	301.88	895.19	278.49	1,351.11	324.26	1,833.19
7	Singapore	273.19	1,014.28	281.37	1,068.97	250.90	1,021.94	248.63	1,497.37	262.04	1,799.49
8	Thailand	118.25	602.91	127.61	564.53	109.29	507.17	147.92	982.20	140.26	1,182.99
9	Indonesia	78.39	457.81	219.26	668.30	101.45	460.27	96.06	670.36	86.80	758.07
10	Turkiye	96.32	343.28	121.80	383.97	111.93	394.66	111.54	602.83	108.13	751.34
	Other Countries	1,127.41	4,400.25	1,119.05	3,768.62	1,011.09	3,701.98	959.67	5,249.55	984.96	7,065.89
	Total	4,809.82	19,114.87	5,462.91	18,121.32	4,423.97	16,500.81	4,740.22	26,802.30	4,664.05	33,614.44

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)
2. The country arrangement based on current year

^P Preliminary

TABLE 1-30 : AVERAGE PRICE OF SELECTED VEGETABLE OILS IN THE ROTTERDAM MARKET, 2018 – 2022

Year	Crude Palm Oil (CPO)	Soybean Oil (SBO)	Palm Kernel Oil	Rapeseed Oil	Coconut Oil	- Discount CPO/SBO
	USD/Tonne					
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
2022	1,352	1,686	1,598	1,735	1,621	-334

Source : Oil World

TABLE 1-31 : BALANCE OF OILS & FATS, 2018 – 2022

Year	Opening Stocks	Production	Imports	Exports	Consumption	Closing Stocks
	'000 Tonnes					
2018	31,373	235,856	90,794	91,919	231,756	34,347
2019	34,347	238,249	98,110	98,314	239,684	32,707
2020	32,707	238,931	96,063	96,611	238,917	32,173
2021	32,173	242,320	95,297	94,314	242,559	32,917
2022	32,917	246,628	91,161	92,935	242,379	35,392

Source : Oil World

TABLE 1-32 : OPENING STOCKS OF OILS AND FATS, 2018 – 2022

Oils and Fats	2018	2019	2020	2021	2022
	'000 Tonnes				
Palm Oil	13,105	15,295	13,642	12,348	12,603
Palm Kernel Oil	1,006	1,306	1,350	1,354	1,342
Soybean Oil	5,737	6,015	5,889	6,401	7,017
Cottonseed Oil	426	418	358	350	340
Groundnut Oil	345	349	278	280	370
Sunflower Oil	3,168	2,902	3,414	3,257	3,038
Rapeseed Oil	3,585	3,337	3,062	3,224	3,432
Corn Oil	346	302	301	320	350
Coconut Oil	329	518	530	439	375
Olive Oil	1,118	1,463	1,583	1,760	1,670
Castor Oil	140	180	110	120	170
Sesame Oil	50	49	50	50	50
Linseed Oil	113	100	108	110	110
Total Vegetable Oils	29,468	32,234	30,675	30,013	30,867
Butter	643	691	692	760	710
Tallow	555	616	653	650	650
Fish Oil	178	301	207	250	200
Lard	529	505	480	500	490
Total Animal Oils and Fats	1,905	2,113	2,032	2,160	2,050
Total	31,373	34,347	32,707	32,173	32,917

Source : Oil World

TABLE 1-33 : PRODUCTION OF OILS AND FATS, 2018 – 2022

Oils and Fats	2018	2019	2020	2021	2022
	'000 Tonnes				
Palm Oil	74,819	76,852	75,059	75,948	78,882
Soybean Oil	56,947	56,979	58,685	60,171	59,587
Rapeseed Oil	25,726	25,253	25,768	26,967	26,791
Sunflower Oil	18,963	20,787	21,309	18,965	20,207
Palm Kernel Oil	7,834	8,107	7,889	7,975	8,267
Cottonseed Oil	4,699	4,604	4,616	4,440	4,350
Groundnut Oil	4,292	4,004	4,203	4,410	4,690
Corn Oil	4,349	4,334	4,192	4,370	4,480
Olive Oil	3,580	3,471	3,494	3,430	3,210
Coconut Oil	2,891	2,915	2,632	2,754	3,194
Sesame Oil	870	869	864	860	830
Castor Oil	839	735	898	920	830
Linseed Oil	783	823	798	790	800
Total Vegetable Oils	206,591	209,733	210,406	212,000	216,118
Tallow	11,208	11,210	10,983	12,070	12,120
Butter	8,351	8,493	8,701	8,600	8,670
Lard	8,576	7,812	7,794	8,630	8,680
Fish Oil	1,130	1,001	1,047	1,020	1,040
Total Animal Oils and Fats	29,265	28,516	28,525	30,320	30,510
Total	235,856	238,249	238,931	242,320	246,628

Source : Oil World

TABLE 1-34 : IMPORTS OF OILS AND FATS, 2018 – 2022

Oils and Fats	2018	2019	2020	2021	2022
	'000 Tonnes				
Palm Oil	51,640	55,424	50,349	51,169	49,350
Soybean Oil	10,299	12,175	13,621	11,080	11,527
Rapeseed Oil	11,133	12,062	12,977	13,538	12,253
Sunflower Oil	5,246	5,551	6,011	6,574	5,386
Palm Kernel Oil	3,389	3,586	3,479	3,357	2,938
Cottonseed Oil	1,945	2,077	1,912	1,999	2,347
Groundnut Oil	1,201	1,246	1,513	1,340	1,380
Corn Oil	640	596	641	740	620
Olive Oil	711	662	603	590	600
Coconut Oil	278	328	381	410	360
Sesame Oil	152	182	153	130	160
Castor Oil	115	130	134	130	130
Linseed Oil	48	44	51	50	50
Total Vegetable Oils	86,797	94,063	91,825	91,107	87,101
Tallow	2,002	1,975	2,177	2,120	1,940
Butter	949	960	943	920	980
Lard	912	964	962	960	950
Fish Oil	134	148	156	190	190
Total Animal Oils and Fats	3,997	4,047	4,238	4,190	4,060
Total	90,794	98,110	96,063	95,297	91,161

Source : Oil World

TABLE 1-35 : EXPORTS OF OILS AND FATS, 2018 – 2022

Oils and Fats	2018	2019	2020	2021	2022
	'000 Tonnes				
Palm Oil	52,478	55,038	50,670	50,393	50,559
Sunflower Oil	10,396	12,351	13,623	11,090	11,649
Soybean Oil	11,366	12,252	12,906	13,749	12,618
Rapeseed Oil	5,249	5,525	6,120	6,282	5,368
Palm Kernel Oil	3,305	3,651	3,477	3,357	2,938
Coconut Oil	1,922	2,156	1,902	1,923	2,313
Olive Oil	1,209	1,225	1,561	1,320	1,400
Castor Oil	619	572	681	710	600
Corn Oil	703	659	629	630	620
Groundnut Oil	275	337	425	350	390
Cottonseed Oil	149	176	161	140	150
Linseed Oil	115	142	132	110	140
Sesame Oil	48	48	52	50	50
Total Vegetable Oils	87,834	94,131	92,339	90,104	88,795
Tallow	2,047	2,024	2,214	2,120	1,990
Butter	952	992	951	890	1,020
Fish Oil	937	1,010	957	980	960
Lard	149	157	150	220	170
Total Animal Oils and Fats	4,085	4,183	4,272	4,210	4,140
Total	91,919	98,314	96,611	94,314	92,935

Source : Oil World

TABLE 1-36 : CONSUMPTION OF OILS AND FATS, 2018 – 2022

Oils and Fats	2018	2019	2020	2021	2022
	'000 Tonnes				
Palm Oil	71,791	78,891	76,033	76,469	75,238
Soybean Oil	56,436	56,915	58,244	59,344	59,894
Rapeseed Oil	25,971	25,554	25,497	27,051	26,897
Sunflower Oil	19,132	20,099	21,464	19,174	19,065
Palm Kernel Oil	7,618	7,998	7,887	7,987	8,147
Cottonseed Oil	4,710	4,670	4,616	4,440	4,340
Corn Oil	4,401	4,338	4,146	4,300	4,450
Groundnut Oil	4,291	4,066	4,157	4,380	4,670
Olive Oil	3,226	3,372	3,268	3,540	3,500
Coconut Oil	2,725	2,824	2,733	2,894	3,178
Sesame Oil	820	829	848	900	890
Linseed Oil	870	864	863	860	830
Castor Oil	796	803	798	810	810
Total Vegetable Oils	202,787	211,223	210,554	212,149	211,909
Tallow	11,102	11,124	10,949	12,070	12,030
Butter	8,300	8,460	8,625	8,680	8,670
Lard	8,585	7,828	7,780	8,610	8,720
Fish Oil	982	1,049	1,009	1,050	1,050
Total Animal Oils and Fats	28,969	28,461	28,363	30,410	30,470
Total	231,756	239,684	238,917	242,559	242,379

Source : Oil World

TABLE 1-37 : CLOSING STOCKS OF OILS AND FATS, 2018 – 2022

Oils and Fats	2018	2019	2020	2021	2022
	'000 Tonnes				
Palm Oil	15,295	13,642	12,348	12,603	15,038
Soybean Oil	6,015	5,889	6,401	7,017	6,345
Sunflower Oil	2,902	3,414	3,257	3,038	4,058
Rapeseed Oil	3,337	3,062	3,224	3,432	3,344
Olive Oil	1,463	1,583	1,760	1,670	1,360
Palm Kernel Oil	1,306	1,350	1,354	1,342	1,462
Coconut Oil	518	530	439	375	425
Cottonseed Oil	418	358	350	340	360
Corn Oil	302	301	320	350	360
Groundnut Oil	349	278	280	370	360
Castor Oil	180	110	120	170	130
Linseed Oil	100	108	110	110	90
Sesame Oil	49	50	50	50	50
Total Vegetable Oils	32,234	30,675	30,013	30,867	33,382
Butter	691	692	760	710	670
Tallow	616	653	650	650	690
Lard	505	480	500	490	470
Fish Oil	301	207	250	200	180
Total Animal Oils and Fats	2,113	2,032	2,160	2,050	2,010
Total	34,347	32,707	32,173	32,917	35,392

Source : Oil World

TABLE 1-38 : MAJOR PRODUCERS OF PALM OIL, 2018 – 2022

No.	Country	2018	2019	2020	2021	2022 ^P
		'000 Tonnes				
1	Indonesia	43,100	44,300	43,480	44,650	46,500
2	Malaysia	19,516	19,858	19,141	18,116	18,453
3	Thailand	2,775	3,040	2,690	2,940	3,230
4	Colombia	1,630	1,527	1,558	1,739	1,768
5	Nigeria	1,130	1,220	1,280	1,350	1,420
6	Guatemala	875	880	805	800	880
7	Papua New Guinea	648	578	616	720	780
8	Honduras	653	707	700	650	650
9	Brazil	460	550	590	615	700
10	Cote d'Ivoire	448	522	493	570	550
	Other Countries	3,584	3,670	3,706	3,798	3,951
	Total	74,819	76,852	75,059	75,948	78,882

Source : Oil World

Note :

^P Preliminary

TABLE 1-39 : MAJOR EXPORTERS OF PALM OIL, 2018 – 2022

No.	Country	2018	2019	2020	2021	2022 ^P
		'000 Tonnes				
1	Indonesia	29,340	30,118	27,263	28,087	27,451
2	Malaysia	16,488	18,471	17,393	15,566	15,712
3	Guatemala	815	812	746	766	820
4	Colombia	734	694	701	630	640
5	Papua New Guinea	614	571	532	658	700
6	Thailand	354	275	222	610	972
7	Honduras	521	572	536	491	484
8	Cote d'Ivoire	227	282	228	308	380
9	Costa Rica	212	210	232	217	233
10	Ecuador	287	187	163	113	104
	Other Countries	2,887	2,847	2,654	2,947	3,062
	Total	52,478	55,038	50,670	50,393	50,559

Source : Oil World

Note :

^P Preliminary

TABLE 1-40 : MAJOR IMPORTERS OF PALM OIL, 2018 – 2022

No.	Country	2018	2019	2020	2021	2022 ^P
		'000 Tonnes				
1	India	9,097	10,037	7,514	8,514	9,467
2	European Union (EU)	7,951	8,274	8,175	7,347	6,403
3	China	5,428	7,659	6,567	6,633	5,491
4	Pakistan	2,979	3,180	3,138	3,153	2,816
5	United States of America	1,549	1,577	1,431	1,693	1,692
6	Bangladesh	1,716	1,520	1,315	1,429	1,543
7	Malaysia	842	977	947	1,177	1,139
8	Philippines	1,162	1,041	1,083	1,213	1,131
9	Egypt	999	988	967	1,048	1,030
10	Viet Nam	871	947	1,038	981	1,009
	Other Countries	19,048	19,226	18,174	17,981	17,629
	Total	51,640	55,424	50,349	51,169	49,350

Source : Oil World

Note :

^P Preliminary

TABLE 1-41 : MAJOR CONSUMERS OF PALM OIL, 2018 – 2022

No.	Country	2018	2019	2020	2021	2022
		'000 Tonnes				
1	Indonesia	12,348	14,932	15,877	16,770	18,756
2	India	9,351	10,276	8,455	8,693	8,615
3	European Union (EU)	7,760	8,008	7,968	7,343	6,341
4	China	5,416	7,111	6,828	6,507	5,418
5	Malaysia	3,387	3,570	3,437	3,378	3,282
6	Pakistan	2,897	3,097	3,167	3,160	2,761
7	Nigeria	2,518	2,631	2,517	2,442	2,311
8	Thailand	2,453	2,843	2,561	2,400	2,173
9	United States of America	1,504	1,490	1,374	1,572	1,525
10	Bangladesh	1,634	1,638	1,430	1,410	1,467
	Other Countries	22,524	23,295	22,419	22,794	22,589
	Total	71,791	78,891	76,033	76,469	75,238

Source : Oil World

TABLE 1-42 : PRODUCTION OF MAJOR OILS AND FATS BY SELECTED COUNTRIES, 2022

No.	Country	Soybean 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	-	44,650	4	-	0	2	-	777	4,653	-	7	50,093
2	China	16,784	20	266	3,359	1,265	1,846	-	-	2	1,022	4,905	29,469
3	European Union (EU)	2,883	-	3,466	9,544	60	15	2,801	-	-	637	5,697	25,103
4	Malaysia	110	18,116	-	23	-	-	-	53	2,049	-	-	20,352
5	United States of America	11,434	-	230	763	175	135	16	-	-	2,712	6,161	21,625
6	Brazil	9,640	617	19	19	419	81	-	2	72	141	1,680	12,689
7	Argentina	8,392	-	1,340	0	20	63	30	-	-	54	362	10,260
8	India	1,317	300	64	2,981	1,223	777	-	366	23	982	3,125	11,156
9	Russia	755	-	5,168	846	-	-	-	-	-	94	681	7,544
10	Ukraine	273	-	5,603	206	-	-	-	-	-	39	136	6,255
	Other Countries	8,583	12,244	2,806	9,227	1,279	1,492	583	1,556	1,177	1,260	7,567	47,773
	Total	60,171	75,948	18,965	26,967	4,440	4,410	3,430	2,754	7,975	6,940	30,320	242,320

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, 2022

No.	Country	Soybean 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	-	28,087	-	-	-	-	-	614	1,565	-	2	30,268
2	Malaysia	113	15,566	66	5	8	1		187	1,077	6	1	17,030
3	Argentina	6,258	-	796	-	20	53	27	-	-	39	110	7,301
4	Ukraine	243	2	5,138	166	-	-	-	-	-	8	26	5,583
5	Russia	528	-	3,103	804	-	-	-	4	-	31	13	4,483
6	European Union (EU)	1,076	147	669	681	-	6	880	33	7	79	485	4,063
7	Canada	151	-	2	3,153	-	0		5		29	283	3,624
8	United States of America	730	101	55	161	35	13	17	25	26	256	861	2,281
9	Brazil	1,658	13	0	1	7	85	-	-	-	46	33	1,843
10	Philippines	-	24	-	-	-	-	-	922	1	-	-	946
	Other Countries	2,993	6,453	1,261	1,310	71	192	396	132	681	1,005	2,398	16,892
	Total	13,749	50,393	11,090	6,282	140	350	1,320	1,923	3,357	1,500	4,210	94,314

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, 2022

No.	Country	Soybean 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	3,530.5	8,514.0	1,848.6	56.2	8.2	0	13.2	5.1	132.0	3.9	2.7	14,114.6
2	China	1,120.0	6,633.1	1,283.1	2,154.0	-	281.1	52.2	174.0	628.2	387.6	301.9	13,015.2
3	European Union (EU)	490.0	7,347.0	1,831.8	456.0	4	61.0	193.0	616.0	713.0	248.4	550.0	12,510.2
4	United States of America	152.7	1,693.0	136.4	1,968.8	9.3	26.2	377.8	467.9	382.0	135.9	451.1	5,801.1
5	Pakistan	81.0	3,153.4	3.5	neg	-	-	4.5	5.2	22.0	0.8	3.8	3,274.2
6	Bangladesh	790.0	1,429.0	4.8	-	-	-	-	1.3	14.8	-	6.5	2,246.4
7	Egypt	411.9	1,048.0	259.1	1.2	-	-	2	5.2	61.0	35	26.7	1,849.6
8	Turkiye	28.1	661.8	837.5	5.8	1.7	-	17.4	20	99.3	18.5	72.2	1,762.6
9	Singapore	16.6	633.0	21.8	15.0		0.4	3.7	31.2	11.7	71.8	674.1	1,479.3
10	Mexico	96.0	481.0	59.8	251.0	16	0.1	29.2	5.4	92.0	16.2	252.5	1,299.4
	Other Countries	6,821	19,576	4,794	1,666	95	41	647	667	1,201	592	1,849	37,948
	Total	13,538	51,169	11,080	6,574	130	410	1,340	1,999	3,357	1,510	4,190	95,297

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, 2018 – 2022

No.	Country	2018	2019	2020	2021	2022
		'000 Tonnes				
1	Indonesia	48,366	49,673	48,717	50,093	52,232
2	China	29,809	27,343	28,136	29,469	29,756
3	European Union (EU)	24,070	23,805	23,853	25,103	25,070
4	United States of America	21,190	21,153	21,587	21,625	21,865
5	Malaysia	21,970	22,360	21,529	20,352	20,730
6	Brazil	11,565	11,724	12,550	12,689	13,234
7	India	10,412	10,122	10,475	11,156	11,707
8	Argentina	9,110	10,023	8,752	10,260	9,513
9	Russia	6,605	7,567	8,267	7,544	9,016
10	Ukraine	6,504	7,504	7,724	6,255	5,051
	Other Countries	46,255	46,975	47,341	47,774	48,454
	Total	235,856	238,249	238,931	242,320	246,628

Source : Oil World

TABLE 1-46 : MAJOR IMPORTERS OF OILS AND FATS, 2018 – 2022

No.	Country	2018	2019	2020	2021	2022
		'000 Tonnes				
1	India	14,916	15,882	14,038	14,115	15,400
2	European Union (EU)	12,665	13,759	13,839	12,510	12,087
3	China	9,625	13,255	13,274	13,015	9,091
4	United States of America	5,108	5,241	5,219	5,801	6,346
5	Pakistan	3,150	3,373	3,278	3,274	3,072
6	Bangladesh	2,623	2,411	2,144	2,246	2,204
7	Malaysia	1,724	1,912	1,888	2,043	2,147
8	Turkiye	1,351	1,445	1,690	1,763	1,982
9	Iran	1,205	1,707	1,041	1,983	1,733
10	Mexico	1,339	1,297	1,273	1,299	1,328
	Other Countries	37,088	37,828	38,379	37,248	35,771
	Total	90,794	98,110	96,063	95,297	91,161

Source : Oil World

TABLE 1-47 : MAJOR EXPORTERS OF OILS AND FATS, 2018 – 2022

No.	Country	2018	2019	2020	2021	2022
		'000 Tonnes				
1	Indonesia	31,879	32,759	29,649	30,268	29,734
2	Malaysia	17,785	20,025	19,038	17,030	17,108
3	Argentina	5,290	6,824	6,437	7,301	6,090
4	Ukraine	5,984	6,678	7,338	5,583	4,694
5	Russia	3,166	4,412	5,072	4,483	5,142
6	European Union (EU)	3,744	3,657	4,108	4,063	3,990
7	Canada	3,681	3,644	3,824	3,624	3,146
8	United States of America	2,537	2,430	2,895	2,281	1,826
9	Brazil	1,533	1,138	1,240	1,843	2,921
10	Philippines	1,018	1,198	954	946	1,288
	Other Countries	15,302	15,549	16,056	16,892	16,996
	Total	91,919	98,314	96,611	94,314	92,935

Source : Oil World

TABLE 1-48 : MAJOR CONSUMERS OF OILS AND FATS, 2018 – 2022

No.	Country	2018	2019	2020	2021	2022
		'000 Tonnes				
1	China	39,008	40,091	40,876	41,785	39,649
2	European Union (EU)	32,655	33,659	33,768	33,851	33,336
3	India	24,741	25,348	23,737	24,165	24,751
4	United States of America	23,859	23,918	23,854	24,890	26,236
5	Indonesia	15,013	17,810	18,935	20,092	22,368
6	Brazil	10,764	11,254	12,049	11,936	11,275
7	Malaysia	5,272	5,457	5,191	5,126	5,018
8	Pakistan	5,085	5,268	5,263	5,233	4,746
9	Russia	4,713	4,765	4,749	4,683	4,681
10	Argentina	3,622	3,294	2,335	2,990	3,293
	Other Countries	67,024	68,820	68,160	67,808	67,026
	Total	231,756	239,684	238,917	242,559	242,379

Source : Oil World

TABLE 1-49 : COMPARATIVE YIELDS OF VEGETABLE OILS, 2021/2022

Crop	Product	Average Oil Content	Potential Oil Content	Average Yield	Calculated Yield of Oil
		%		Tonnes/Hectare	
Oil Palm ¹	Palm oil	19.7	23-25	15.49	3.05
	Palm kernel	45.4	45-50	0.75	0.34
Soybean	Seed	18.7	18-19	2.67	0.50
Groundnut	Seed	43.0	40-45	1.18	0.51
Cotton	Seed	14.1	18-20	1.26	0.18
Rapeseed	Seed	40.4	40-45	1.83	0.74
Sunflower	Seed	44.5	40-50	1.93	0.86
Coconut	Copra	72.2	65-68	0.54	0.39

Source : Oil World

Note :

¹ Refer to Malaysia Hybrid DXP Variety

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