

# Palm Oil Supply and Disappearance: A Review

Faizah Shariff\*; A Borhan A Nordin\*; C Mohan\* and Sarah Rahmat\*

There was an increase of 6.1% in the Malaysian production of palm oil from 14.962 million tonnes in 2005 to 15.881 million tonnes in 2006 (*Table 1*). This was a smaller growth than 2005 over 2004, of 7.1%, suggesting that the palms were in a slower production in their cycle.

Production started in January 2007 with 1.115 million tonnes compared to 1.144 million tonnes in December 2006. Production continued to decrease in February with a volume of 0.990 million tonnes (*Table 1*). This was 13.52% less than in December the previous year. Compared to January 2006, it was higher by 178 748 t, or by 19.08%. However, the production of February 2007 was less than that of February 2006. Although production picked up in March 2007, it was below the same monthly production of the previous year.

With the starting low production in the year, the total palm oil production for the first nine months of 2007 was 583 022 t or 8.03% lower than that produced during the same period of the previous year.

Beginning stock of palm oil in 2006 was 1 603 801 t and, together with the year's production, the total palm oil available for trade in the year

was 17.48 million tonnes. A total of 14.42 million tonnes was exported and, with disappearance within the country, the stocks carried over to January 2007 was 1.507 million tonnes. The total amount available for trade in 2007 is forecast to be 16.94 million tonnes. This would be 3.09% lower than the previous year.

Exports of palm oil by Malaysia in 2006 totalled 14.423 million tonnes, a decrease of 565 217 t, or 8.6%, over the previous year. During the first six months of 2007, China PR was the largest buyer, taking 1 625 392 t, an increase of 201 792 t or 14.17%, over the same period in 2006 (*Table 2*).

The increase in imports of palm oil products was mainly due to the high economic growth in the country. Chinese consumers are buying more processed foods (at grocery stores and restaurants). The abolishment of the Tariff Rate Quota effective 1 January 2006 for vegetable oils coupled with the price competitiveness of palm oil had a very significant impact on Malaysian palm oil export into China PR. Lower transportation cost and the ability to provide timely due to the close proximity of Malaysia to China PR are the advantages

that Malaysia has against other competitors.

In the first half of 2007, import of China accounted for 26.9% of the total exports of Malaysian palm oil with RBD palm olein being the major product imported (*Table 3*). Its imports totalled 1 269 379 t, or 78.1% of the total Malaysian palm oil products purchased by China. Compared to the same period 2006, this was an increase of 244 876, or 23.9%. The second largest palm oil product imported was RBD palm stearin, which increased from 182 421 t to 257 895 t over the same period. Crude palm oil was the third largest palm oil product imported with the quantum increasing from 151 516 t to 272 122 t for the first half of 2006 to that of 2007. China imports of these three palm products accounted for 99.4% of its total palm oil intake from Malaysia. The other palm products imported included RBD palm oil, palm acid oil, RBDH palm stearin, mixed vegetable oil, palm stearin, palm fatty acid distillate (PFAD), hardened palm stearin (flakes) and hydrogenated palm oil.

The second largest importer of Malaysian palm oil in the first six months of 2007 was the European Union (EU) which took 1 067 832 t compared to 1 218 054 t in the same period in 2006, a decrease of 12.33% (*Table 2*). The demand for palm was from both the edible and non-edible sectors. In the

\* Malaysian Palm Oil Board,  
P. O. Box 10620,  
50720 Kuala Lumpur,  
Malaysia.  
E-mail: faizah@mpob.gov.my

from page 15

edible sector, the higher demand for rapeseed oil for biodiesel production had encouraged a switch to palm oil. In the non-edible sector, government support measures and tax exemptions encouraged biodiesel production from palm oil and other vegetable oils. Netherlands was the largest importer of Malaysian palm oil products of the EU countries.

The major palm products imported by the EU were crude palm oil (615 159 t), RBD palm stearin (102 212 t), RBD palm olein (89 533 t), RBD palm oil (80 258 t), palm fatty acid distillate (74 923 t), (Table 3). Imports of palm mid fraction were 42 584 t. The other palm oil products imported by the EU are as shown in Table 3.

Pakistan was the third largest importer of Malaysian palm oil with 457 950 t, an increase of 22.9% over 2006 of 372 533 t (Table 2). It accounted for 7.58% of the total imports of palm oil from Malaysia. RBD palm olein constituted 69.13% of the Pakistani import with 316 657 t. The second largest palm oil product imported was crude palm oil with 105 372 t, or 23% of Malaysian palm oil products. The other major products were 13 263 t palm acid oil, 9101 t cooking oil, 5277 t RBD palm stearin, and 3956 t RBD palm oil. The other palm products imported are shown in Table 3.

The USA was the fourth largest importer of the Malaysian palm oil with 301 040 t, a slightly bigger volume than in 2006 (299 193 t) (Table 2). The US imports of palm oil were driven by the new *trans* fat labelling law which came into effect on 1 January 2006 requiring conventional foods to state their

*trans* fatty acid content on their labels. The increased interest in palm oil was therefore the result of minimizing the use of soft oils which would have required hydrogenation. The major palm products imported from Malaysia were RBD palm oil (119 725 t), RBD palm olein (68 514 t), RBD palm stearin (66 492 t), PFAD (42 062 t) and palm mid fraction (2114 t). The imports of RBD palm olein were greatly increased over 2006 when only 55 259 t were imported. The other palm oil products imported are shown in Table 3.

Japan, with imports of 254 885 t, was the fifth largest importer of the Malaysian palm products in the first half of 2007, accounting for about 4.22% of the total Malaysian exports. Its imports increased by 2411 t during the same period in 2006 (Table 2). The main products imported were RBD palm oil (114 695 t), RBD palm olein (89 687 t), palm mid fraction (12 824 t), and crude palm oil (9498 t). Double fraction RBD palm olein increased from 892 t to 12 499 t in 2007.

India was the sixth largest importer of Malaysian palm products, taking 215 433 t up to mid 2007 (Table 2), an increase of 20 874 t up to 10.73% in 2006. India took a wide variety of products (Table 3). The major factor for its increased imports was the reduced import tariffs for palm oil products since August 2006. Cooking oil accounted for 129 856 t, or 60.28%, of its total palm oil imports. Crude palm oil totalled 88 824 t, the second major palm oil product imported.

Imports of Malaysian palm oil by other major importing countries are depicted in Table 2 while the breakdown of imported palm products is listed in Table 3.

The domestic disappearance of palm oil obtained by the formula: opening stock + production + imports – exports – closing stock = domestic disappearance. However, the figures obtained rather overstates domestic consumption as the 'disappearance' also include export of palm-based finished products such as shortening, oleochemical production and the losses incurred during refining of crude palm oil.

During January-June 2007, domestic disappearance decreased by 2.8%, or 31 030 t, to 1 072 304 from 1 103 334 t, in 2006. The monthly disappearance averaged 178 717 t, lower than 183 889 t in 2006. The monthly palm oil domestic disappearance is illustrated in Table 4 and its trend in Figure 1. The decrease in domestic disappearance was mainly attributed to the tight supply and high prices currently being experienced.

TABLE 1. MALAYSIAN PALM OIL - SUPPLY AND DISAPPEARANCE BY YEAR AND MONTH (t)

Year	Supply				Disappearance			Ending stock	Stock usage ratio
	Beginning stock	Production	Import	Total supply	Adjusting balance	Exports	Total		
2000	1 175 693	10 842 095	75 421	12 093 209	1 592 705	9 081 495	10 674 200	1 419 009	0.13
2001	1 419 009	11 803 788	195 442	13 418 239	1 579 839	10 624 830	12 204 669	1 213 570	0.10
2002	1 213 570	11 909 298	402 507	13 525 375	1 502 672	10 886 259	12 388 931	1 136 444	0.09
2003	1 136 444	13 354 769	472 968	14 964 181	1 531 576	12 266 064	13 797 640	1 166 541	0.08
2004	1 166 541	13 976 182	712 659	15 855 382	1 783 802	12 581 792	14 365 594	1 489 788	0.10
2005	1 489 788	14 961 654	556 519	17 007 961	1 958 649	13 445 511	15 404 160	1 603 801	0.10
2006	1 603 801	15 880 786	606 037	18 090 624	2 160 870	14 423 168	16 584 038	1 506 586	0.09
<b>Jan 06</b>	<b>1 603 801</b>	<b>936 592</b>	<b>152 155</b>	<b>2 692 548</b>	<b>27 300</b>	<b>973 297</b>	<b>1 000 597</b>	<b>1 539 796</b>	<b>1.54</b>
Feb	1 539 796	1 051 904	140 470	2 732 170	7 397	938 666	946 063	1 645 637	1.74
Mar	1 645 637	1 243 204	52 885	2 941 726	118 626	1 184 145	1 302 771	1 586 070	1.22
Apr	1 586 070	1 310 806	52 401	2 949 277	139 944	1 238 338	1 378 282	1 518 594	1.10
May	1 518 594	1 391 347	60 021	2 969 962	164 918	1 171 616	1 336 534	1 573 407	1.18
Jun	1 573 407	1 328 397	34 753	2 936 557	154 528	1 101 411	1 255 939	1 645 865	1.31
Jul	1 645 865	1 375 061	26 570	3 047 496	202 828	1 237 780	1 440 608	1 580 318	1.10
Aug	1 580 318	1 537 236	20 953	3 138 507	127 976	1 305 532	1 433 508	1 684 046	1.17
Sep	1 684 046	1 610 040	8 061	3 302 147	184 841	1 309 689	1 494 530	1 799 556	1.20
Oct	1 799 556	1 400 136	13 783	3 213 475	173 393	1 432 450	1 605 843	1 593 849	0.99
Nov	1 593 849	1 551 684	23 848	3 169 381	157 898	1 312 903	1 470 801	1 674 732	1.14
Dec	1 674 732	1 144 378	20 137	2 839 247	95 183	1 217 341	1 312 524	1 506 586	1.15
	(Jan-June 06)	7 262 250	606 037	-	-	14 423 168	-	-	-
<b>Jan 07</b>	<b>1 506 586</b>	<b>1 115 340</b>	<b>11 167</b>	<b>2 633 093</b>	<b>200 436</b>	<b>958 171</b>	<b>1 158 607</b>	<b>1 474 486</b>	<b>1.27</b>
Feb	1 474 486	989 681	27 957	2 492 124	188 345	809 479	997 824	1 494 300	1.50
Mar	1 494 300	1 080 853	31 711	2 606 864	212 597	1 057 174	1 269 771	1 337 093	1.05
Apr	1 337 093	1 125 726	22 093	2 484 912	173 495	1 121 406	1 294 901	1 190 011	0.92
May	1 190 011	1 201 255	13 892	2 405 158	135 370	1 152 505	1 287 875	1 117 283	0.87
Jun	1 117 283	1 166 373	35 324	2 318 980	174 653	943 521	1 118 174	1 200 806	1.07
	(Jan-June 07)	6 679 228	142 144	-	-	6 042 256	-	-	-

Source: Palm Oil Update, MPOB (various issues).

TABLE 2. MALAYSIA - EXPORTS OF PALM OIL TO MAJOR DESTINATIONS (t)

Countries	2003	2004	2005	2006	Jan-Jun 2006	Jan-Jun 2007	Difference	%
China PR	2 533 170	2 805 898	2 960 489	3 577 808	1 423 600	1 625 392	201 792	14
EU (25)	1 696 015	1 941 348	2 264 167	2 586 288	1 218 054	1 067 832	(150 222)	-12
- Netherlands	972 813	1 146 824	1 400 385	1 674 060	826 213	768 805	(57 408)	-7
- Italy	103 251	127 041	162 096	167 093	62 426	63 906	1 480	2
- Germany	162 256	145 517	188 835	178 172	102 665	17 780	(84 885)	-83
Pakistan	1 102 679	953 772	957 043	968 406	372 533	457 950	85 417	23
USA	263 906	343 052	558 492	684 651	299 193	301 040	1 847	1
India	1 597 951	941 871	635 049	561 779	194 559	215 433	20 874	11
Japan	447 346	480 231	472 539	517 056	252 474	254 885	2 411	1
Bangladesh	290 611	364 752	510 473	438 152	160 113	66 807	(93 306)	-58
Singapore	471 614	396 291	346 825	406 408	202 993	191 165	(11 828)	-6
Egypt	564 850	335 225	608 834	211 686	113 256	98 260	(14 996)	-13
UAE	264 631	318 871	264 004	302 738	142 143	158 888	16 745	12
Jordan	53 950	454 953	51 054	155 405	143 629	1 412	(142 217)	-99
Hong Kong PR	214 292	293 398	112 114	65 315	17 654	28 881	11 227	64
S. Korea	217 619	223 974	229 304	216 156	110 377	115 239	4 862	4
S. Arabia	214 851	172 622	186 144	59 420	46 205	20 370	(25 835)	-56
S. Africa	184 219	244 208	232 151	261 261	129 804	117 335	(12 469)	-10
Turkey	182 729	98 893	241 405	221 652	151 764	51 868	(99 896)	-66
Myanmar	151 722	140 755	192 928	139 377	75 558	16 842	(58 716)	-78
Yemen	122 832	89 436	117 481	94 094	71 560	58 526	(13 034)	-18
Australia	105 264	105 802	115 373	120 361	54 748	52 231	(2 517)	-5
Vietnam	114 148	146 486	152 370	287 514	140 101	90 094	(50 007)	-36
Rest of the world	1 471 665	1 729 956	2 237 272	6 125 449	1 287 156	-	(1 287 156)	-100
Total	12 266 064	12 581 794	13 445 511	14 423 168	6 607 474	6 042 257	-	-

Source: MPOB.

TABLE 3. MALAYSIAN EXPORTS OF PALM OIL PRODUCTS TO MAJOR DESTINATIONS (t)

Country	2003	2004	2005	2006	Jan-Jun 2006	Jan-Jun 2007
<b>CHINA PR</b>	<b>2 533 170.2</b>	<b>2 803 758.6</b>	<b>2 960 489.2</b>	<b>3 577 807.9</b>	<b>1 423 600.0</b>	<b>1 625 392.0</b>
CPO	18.6	2 349.3	46 799.9	291 516.7	151 673.0	72 121.7
CPOs	373.0	251.8	10 386.7	-	-	-
CPOo	-	-	2 603.2	-	-	-
RBDPO	77 476.9	78 301.8	89 212.0	57 982.3	34 665.0	9 715.9
RBDPOs	670 539.7	793 602.0	821 463.3	470 398.3	182 421.0	257 894.5
RBDPOo	1 770 953.4	1 879 704.5	1 980 338.4	2 663 424.0	1 024 503.0	1 269 379.2
PFAD	3 374.1	798.2	2 435.1	3 381.8	1 064.3	505.2
PMF	298.0	589.6	111.1	-	-	-
CO	591.5	488.8	439.1	862.4	186.2	432.4
HPO	229.6	436.2	770.3	1 487.0	165.6	663.8
HPOs	5 209.8	-	-	-	-	-
HPOo	20.0	76.1	15.4	118.8	80.0	-
DFPOo	3 322.0	3 087.5	1 622.6	91.2	-	-
RBDHPOo	323.0	336.0	461.9	433.8	181.8	28.2
RBDHPO	-	20.0	19.6	-	-	-
RBDHPOs	242.5	2 873.0	2 924.7	357.5	68.0	6 017.7
RBDHFPOs	17.0	2 062.7	51.5	7 350.4	675.8	237.7
MIX V Oil RBDPOo	-	38 781.2	-	76 859.7	-	-
MIX V Oil RBDPO	-	-	-	1 349.4	1 349.4	-
PAO	181.1	2 139.3	794.6	2 194.8	181.3	2 344.6
NUTRI POo	-	-	40.0	-	-	-
MIX V OIL RBDPOs	-	-	-	-	26 385.0	4 499.6
R PALM STEARIN	-	-	-	-	-	1 486.8
INTERESTERIFIED	-	-	-	-	-	65.0
MIXED PALM						
<b>EU</b>	<b>1 696 014.6</b>	<b>1 941 384.3</b>	<b>2 271 979.4</b>	<b>2 586 288.0</b>	<b>1 218 054.2</b>	<b>1 067 832.0</b>
CPO	652 065.7	854 621.1	1 100 258.2	1 468 031.0	736 340.0	615 159.4
CPOo	-	-	59.5	43.9	-	-
CPOs	1 860.2	1 024.2	-	-	-	-
NPO	721.2	1 138.9	21.7	159.9	56.6	167.5
RPO	-	20.1	312.4	-	-	40.4
RPOs	-	-	-	627.6	-	253.2
NBDPO	1 993.2	5 488.2	6 539.5	4 575.6	1 506.9	2 389.6
NB PALM OLEIN	-	-	-	-	-	3 000.3
NPOo	499.4	-	520.8	1 333.5	440.0	384.7

TABLE 3. Continued

Country	2003	2004	2005	2006	Jan-June 2006	Jan-June 2007
NBDPO <sub>o</sub>	-	1 604.9	3 041.8	522.0	251.8	36.5
NBDPO <sub>s</sub>	80.0	593.2	596.2	220.8	40.4	1 311.6
RBDPO	193 835.2	145 046.6	167 882.3	150 282.0	59 527.0	80 258.5
RBDPO <sub>s</sub>	247 883.4	207 078.9	204 487.5	248 637.6	105 446.1	102 211.5
RBDPO <sub>o</sub>	303 584.5	366 555.2	371 302.6	255 005.9	124 831.9	89 533.1
PAO	19 660.2	23 840.3	28 146.1	45 563.4	19 365.2	23 427.4
PFAD	143 865.8	189 327.9	240 606.3	258 197.2	91 755.1	74 923.0
PMF	75 446.7	91 021.4	92 278.1	82 698.4	40 278.3	42 584.1
CO	4 236.8	4 971.1	10 093.1	5 042.3	3 021.8	1 503.5
HB PALM STEARIN	-	-	-	-	-	32.1
HPO	330.8	2 159.4	1 041.9	2 101.6	1 009.8	1 572.2
HPFAD	999.1	-	131.2	406.0	168.0	162.0
HPO <sub>o</sub>	40.0	36.0	235.3	324.9	273.3	60.0
DFPO <sub>o</sub>	47 257.5	45 464.5	39 410.2	54 778.3	-	-
RBDHPO	27.0	-	3.0	214.6	53.2	210.0
RBDHFPO <sub>s</sub>	737.3	819.3	716.9	2 903.2	2 174.9	118.7
RBDHPO <sub>o</sub>	20.0	192.3	1 284.7	1 331.8	1 207.3	245.9
RBDHPO <sub>s</sub>	870.7	381.0	1 009.4	887.7	489.0	562.9
NUTOLEIN	-	-	-	61.1	-	-
DOUBLE FRACTIONED	-	-	-	2 314.5	29 817.3	27 663.9
RBD P <sub>o</sub>	-	-	-	-	-	-
VEG OIL	-	-	-	-	-	20.2
<b>PAKISTAN</b>	<b>1 102 679.3</b>	<b>953 772.2</b>	<b>957 042.8</b>	<b>968 405.8</b>	<b>372 533.5</b>	<b>457 950.0</b>
CO	104.9	10 396.3	2 361.2	8 864.5	1 175.4	9 101.2
CPO	63 644.7	32 083.2	100 847.7	162 962.4	38 559.0	105 372.2
CPO <sub>o</sub>	-	-	9 001.9	-	-	-
CPO <sub>s</sub>	-	-	1 499.6	-	-	-
RBDHPO	20.0	-	34.0	105.0	105.0	420.0
RBDHPO <sub>o</sub>	-	-	-	31.8	21.3	-
RBDPO	190 472.4	149 162.1	85 001.4	14 646.2	4 873.3	3 975.8
RBDPO <sub>s</sub>	10 143.8	7 471.4	21 400.1	10 543.1	4 493.2	5 277.1
RBDPO <sub>o</sub>	774 005.4	730 801.2	701 270.7	733 286.7	305 401.0	316 656.8
PAO	28 200.2	8 806.9	9 838.3	14 882.8	3 969.8	13 262.8
PFAD	35 883.3	14 284.9	24 362.8	21 411.1	13 609.5	2 968.2
HPO	204.7	766.3	1 334.6	1 255.4	315.0	335.6
PMF	-	-	90.7	-	-	-

TABLE 3. Continued

Country	2003	2004	2005	2006	Jan-Jun 2006	Jan-Jun 2007
RBDHFPOs	-	-	-	-	-	139.2
MIXED VEG OIL	-	-	-	-	-	441.3
DFPO <sub>0</sub>	-	-	-	-	-	-
HPO <sub>0</sub>	-	-	-	-	11.0	-
<b>USA</b>	<b>263 905.6</b>	<b>343 051.9</b>	<b>558 491.7</b>	<b>684 651.3</b>	<b>299 193.4</b>	<b>301 039.7</b>
CPO	-	-	-	1 000.8	-	1 001.1
CPO <sub>0</sub>	-	-	-	15.7	15.8	-
NPO	-	2.9	3.4	0.1	-	3.2
NPO <sub>0</sub>	-	-	-	-	-	3.0
RBDPO	92 353.5	98 903.9	168 771.4	259 758.0	120 046.0	119 725.4
RBDPO <sub>s</sub>	64 457.8	82 573.9	144 183.1	165 625.1	64 031.0	66 491.8
RBDPO <sub>0</sub>	19 849.1	49 689.2	115 304.9	146 414.9	55 259.3	68 513.7
PFAD	86 866.1	111 512.8	110 058.9	96 989.5	46 377.8	42 061.6
CO	273.0	271.4	57.5	166.6	31.6	26.2
DFPO <sub>0</sub>	-	-	12.7	518.3	20.0	-
PMF	40.0	-	3 567.8	798.5	798.5	2 114.2
HPO	-	-	21.1	266.8	105.0	-
HPO <sub>0</sub>	-	41.0	21.0	583.2	57.6	747.2
RBDHFPOS	38.0	-	15 955.8	12 368.3	198.0	-
RBDHPO	19.0	-	-	-	-	-
RBDHPO <sub>0</sub>	-	-	130.8	100.0	100.0	-
RBDHPO <sub>s</sub>	-	56.9	403.9	24.0	-	31.2
HPFAD	9.1	-	-	-	-	-
R PALM STEARIN	-	-	-	-	-	-
H/HARDENED PALM STEARIN (FLAKES)	-	-	-	-	12 153.0	18.5
DOUBLE FRACTION RBDPO <sub>0</sub>	-	-	-	-	-	302.6
<b>INDIA</b>	<b>1 597 951.0</b>	<b>941 870.9</b>	<b>635 049.2</b>	<b>561 779.5</b>	<b>194 558.8</b>	<b>215 433.3</b>
CPO	454 968.9	354 730.1	244 798.3	293 749.6	78 316.5	88 824.1
CPO <sub>s</sub>	31 375.5	10 728.8	36 719.1	60 288.2	24 985.5	30 692.0
CPO <sub>0</sub>	574 831.9	143 015.8	63 169.5	41 871.5	17 368.7	10 751.1
RBDPO	37 591.8	13 043.0	15 974.4	2 997.3	1 580.8	510.9
RBDPO <sub>s</sub>	5 254.7	8 354.2	33 589.8	19 636.7	13 216.9	4 882.1
RBDPO <sub>0</sub>	383 266.3	313 047.3	112 732.9	41 197.6	11 147.4	12 445.5
PAO	18 377.7	24 381.0	23 667.7	22 540.6	13 428.1	16 587.4

TABLE 3. Continued

Country	2003	2004	2005	2006	Jan-Jun 2006	Jan-Jun 2007
PFAD	86 243.1	68 118.7	93 866.4	75 041.5	32 930.4	48 893.0
PMF	114.7	-	11.7	-	-	-
CO	1 855.1	1 644.4	534.2	1 578.6	158.3	129 856.0
HPO	717.9	45.2	4 594.7	185.4	149.0	-
RPO <sub>0</sub>	-	30.0	-	18.2	-	102.0
RPO <sub>s</sub>	33.0	-	-	151.2	-	-
PFAD	-	-	-	-	32 930.4	-
RBDHPO	-	-	32.0	-	-	-
RBDHPO <sub>0</sub>	-	-	44.4	-	-	-
RBDHPO <sub>s</sub>	1 207.0	1 465.5	2 647.2	842.6	264.0	116.5
RBPO <sub>s</sub>	-	27.9	-	-	-	-
MIX V OIL RBDPO <sub>0</sub>	-	-	-	23.3	-	115.9
DFPO <sub>0</sub>	-	-	-	499.9	-	-
BPO	-	-	-	-	-	-
H/HARDENED PALM STEARIN (FLAKES)	-	-	-	-	885.2	214.5
RBDHFPO <sub>s</sub>	2 113.5	3 239.0	2 666.6	1 680.3	128.0	-
<b>JAPAN</b>	<b>447 345.5</b>	<b>480 218.1</b>	<b>472 538.6</b>	<b>517 055.6</b>	<b>252 474.0</b>	<b>254 884.7</b>
CPO	17 987.4	23 113.8	26 575.7	29 099.7	14 125.5	9 498.4
CPO <sub>0</sub>	-	-	39.5	-	-	-
RPO <sub>0</sub>	-	-	-	18.4	18.4	-
NPO	695.2	0.3	-	-	-	-
NPO <sub>0</sub>	-	581.9	437.6	563.4	297.4	340.7
RBDPO	200 604.6	214 267.7	207 461.4	227 175.7	112 868.9	114 695.2
RBDPO <sub>s</sub>	36 338.1	29 675.3	24 173.1	24 970.4	11 882.9	8 056.9
NBDPO <sub>0</sub>	-	20.0	62.7	201.7	80.9	119.7
RBDPO <sub>0</sub>	143 884.9	162 170.3	168 469.7	202 560.6	100 600.6	89 686.8
PFAD	59.2	73.2	90.0	73.2	44.4	29.6
HPFAD	-	14.0	-	84.0	28.0	42.0
PMF	19 982.0	21 704.1	21 118.1	21 982.5	9 707.4	12 824.2
PAO	-	-	36.7	-	-	0.2
CO	18.4	447.2	487.7	522.3	263.9	285.9
RBDHPO <sub>0</sub>	90.0	90.4	155.8	337.7	35.2	605.6
RBDHFPO <sub>s</sub>	205.0	206.0	282.9	323.7	100.0	-
RBDHPO	181.4	373.6	14.7	-	-	-
RBDHPO <sub>s</sub>	218.0	188.8	141.5	20.0	-	157.6
HPO	14.0	32.1	154.2	2 015.8	78.8	91.4
HPO <sub>0</sub>	-	-	35.2	186.4	89.3	69.3
DFPO <sub>0</sub>	27 067.5	27 259.4	22 600.1	1 598.8	-	-
MIX V Oil	-	-	202.2	622.6	-	-



TABLE 3. Continued

Country	2003	2004	2005	2006	Jan-Jun 2006	Jan-Jun 2007
H/HARDENED PALM STEARIN (FLAKES)	-	-	-	-	90.0	102.5
INTERESTERIFIED MIXED PALM/PK OIL BASED	-	-	-	688.5	648.7	59.1
INTERESTERIFIED MIXED OIL/VEG OIL	-	-	-	201.2	622.6	58.9
DOUBLE FRACT. RBD Po/SUPEROLEIN	-	-	-	3 808.9	891.5	12 498.9
DOUBLE FRACT.RBD PALM OLEIN	-	-	-	-	-	5 472.0
RBDH DOUBLE FRACTION OLEIN	-	-	-	-	-	190.2

## Notes:

CPO	Crude palm oil
CPOo	Crude palm olein
CPOs	Crude palm stearin
NPO	Neutralized palm oil
NPOo	Neutralized palm olein
NPOs	Neutralized palm stearin
NBDPO	Neutralized bleached deodorized palm oil
NBDPOo	Neutralized bleached deodorized palm olein
NBDPOs	Neutralized bleached deodorized palm stearin
RPO	Refined palm oil
RPOo	Refined palm olein
RPOs	Refined palm stearin
RBPO	Refined bleached palm oil
RBDO	Refined bleached deodorized palm oil
RBDOo	Refined bleached deodorized palm olein
RBDOs	Refined bleached deodorized palm stearin
RBDHPO	Refined bleached deodorized hydrogenated palm oil
RBDHPOo	Refined bleached deodorized hydrogenated palm olein
RBDHPOs	Refined bleached deodorized hydrogenated palm stearin
RBDHPSF	Refined bleached deodorized hydrogenated palm stearin fractionated
NBIO	Neutralized bleached interesterified palm oil
DFPOo	Double fraction palm olein
HPO	Hydrogenated palm oil
HPOo	Hydrogenated palm olein
HPOs	Hydrogenated palm stearin
HPFA	Hydrogenated palm fatty acid
HPFAD	Hydrogenated palm fatty acid distilled
CO	Cooking oil/double olein
DFPOo	Double fraction palm olein
PMF	Palm mid fraction
PAO	Palm acid oil
PFAD	Palm fatty acid distilled
MIX V Oil RBDPOO	Mixed vegetables oil RBD palm olein
NO	Nutrolein

Source: MPOB.

TABLE 4. PALM OIL DOMESTIC DISAPPEARANCE

Year/ month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1995	107 066	103 370	66 224	85 675	158 818	60 876	82 273	145 249	125 933	93 603	103 955	92 663	1 225 705
1996	85 158	91 549	117 040	79 711	146 560	84 485	78 602	80 225	123 620	96 091	124 868	146 675	1 254 584
1997	113 803	86 457	137 308	135 360	137 134	84 428	106 859	152 345	120 410	158 428	63 453	150 041	1 446 026
1998	102 752	40 729	126 482	59 303	97 688	84 611	111 136	154 774	85 330	81 237	100 569	50 131	1 094 742
1999	128 718	88 893	81 672	140 843	124 631	139 233	80 427	159 990	124 574	150 209	157 948	117 044	1 494 182
2000	114 920	119 965	167 467	120 998	82 068	129 964	128 192	141 554	150 251	144 773	151 068	145 790	1 597 010
2001	129 991	103 564	161 377	133 588	140 404	114 492	143 896	117 339	135 486	142 027	144 788	110 583	1 577 535
2002	108 751	118 632	131 162	122 436	119 188	100 681	121 966	113 275	134 595	159 966	135 855	136 164	1 502 671
2003	92 457	124 324	161 231	174 975	137 662	136 323	124 111	140 251	141 197	126 796	89 871	82 378	1 531 576
2004	120 453	126 624	129 375	126 041	152 033	161 968	141 496	170 168	171 557	203 577	125 864	156 646	1 785 802
2005	164 793	147 098	167 553	137 747	188 073	158 047	156 590	150 660	185 824	182 112	165 764	154 388	1 958 649
2006	177 444	147 716	171 011	194 323	224 232	188 608	226 725	149 523	193 364	187 176	181 747	115 318	2 157 187
2007	198 172	185 425	211 776	171 959	131 135	173 837	na	na	na	na	na	na	1 072 304

Note: na: not available.

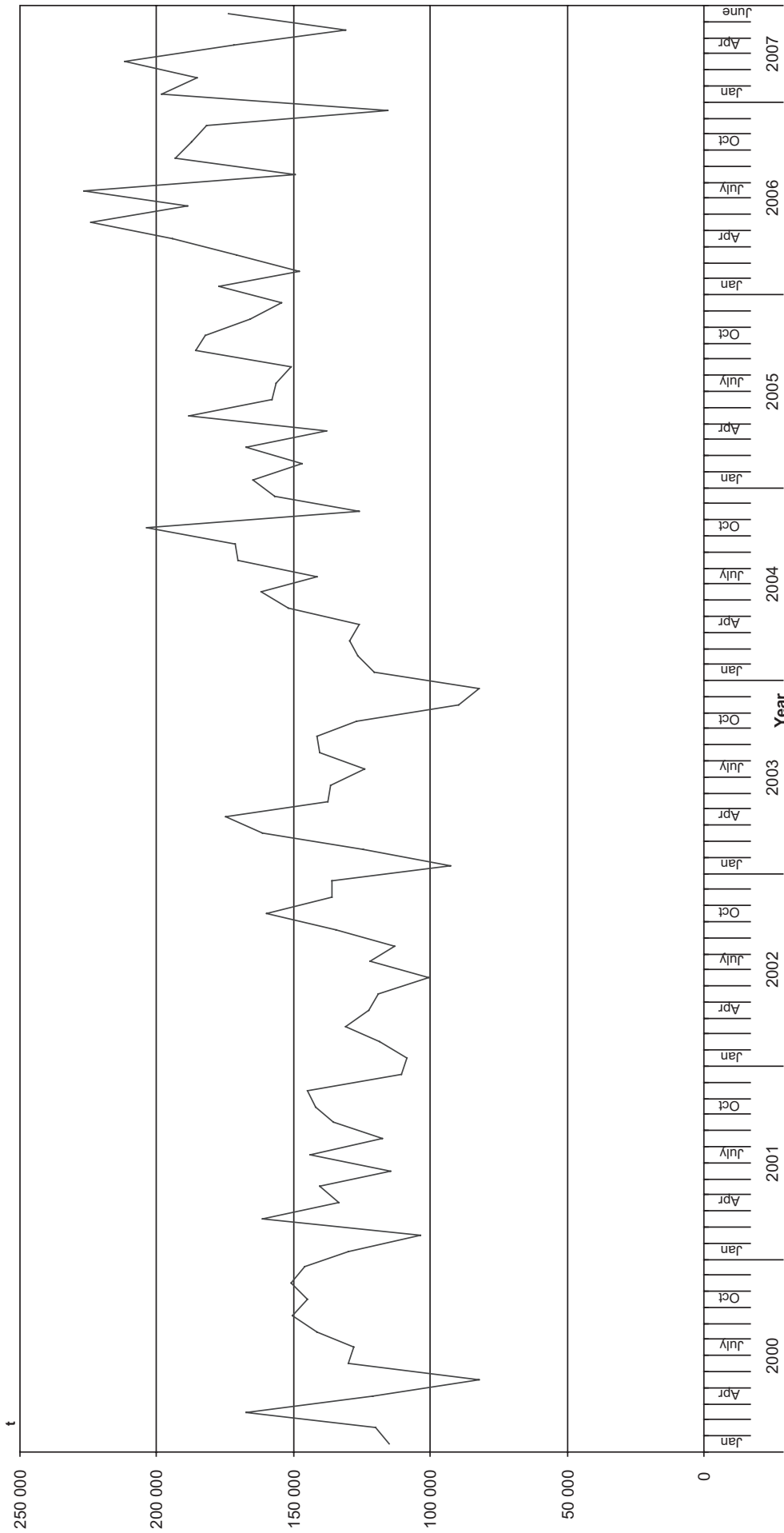


Figure 1. Palm oil domestic disappearance.