



Industry Focus and Indicator Update

แนวโน้มอุตสาหกรรมไทยหลัก 32 อุตสาหกรรม จัดทำโดยทีมวิจัยธุรกิจ ธนาคาร แลนด์ แอนด์ เฮ้าส์ จำกัด (มหาชน)

1. Automobile 2. Auto Parts 3. Electrical Appliances 4. HDD 5. Integrated Circuits 6. Frozen & Processed Chicken 7. Frozen Seafood 8. Cassava Product 9. Oil Palm 10. Rice 11. Rubber 12. Sugar 13. Cement 14. Construction Contractor 15. Condominium in BMR 16. Low-rise Housing in BMR 17. Office Building in BMR 18. Retail Space in BMR 19. Industrial Estate 20. Credit Card 21. Auto Hire-Purchase 22. Personal Loan 23. Hot & Cold Rolled Steel Sheet 24. Steel Bar 25. Private Hospitals 26. Tourist Accommodation 27. Modern Trade 28. Motorcycle 29. Petrochemicals 30. Power Generation 31. Refinery 32. Oil Service Station

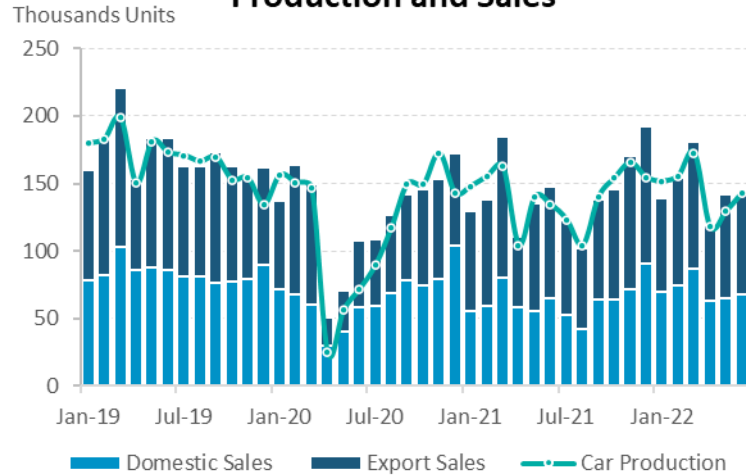


September 2022

ผู้วิเคราะห์: BR Team
Business Research

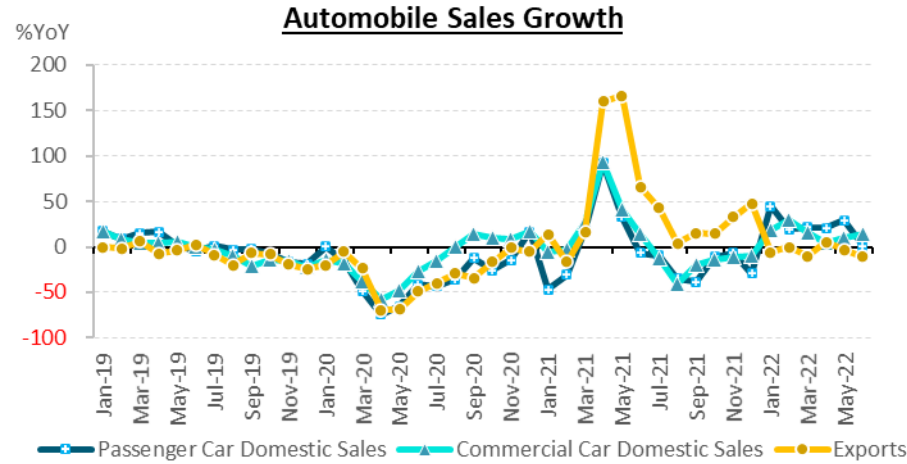
Automobile (รถยนต์)

Production and Sales



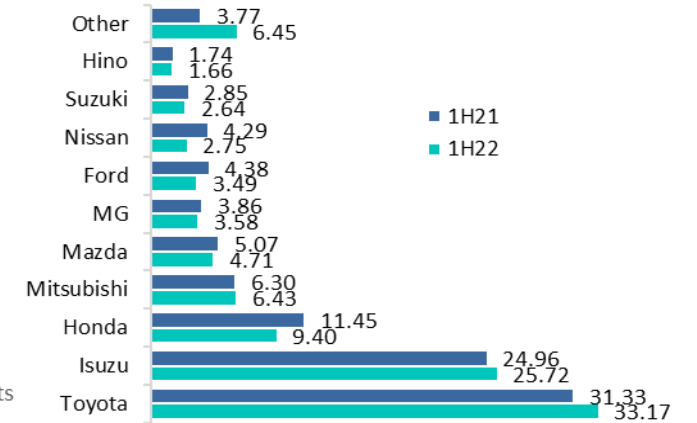
Source: Toyota, FTI

Domestic Sales

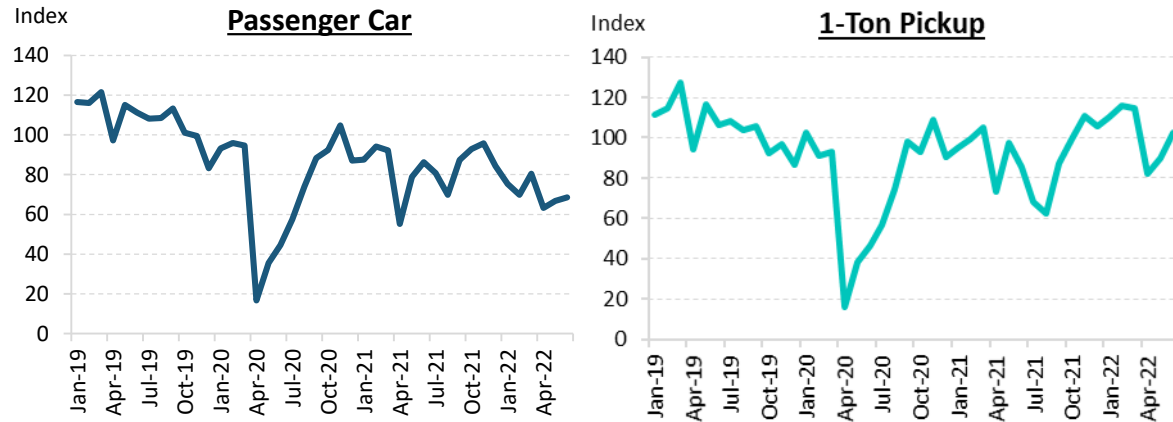


Source: Toyota, FTI

Domestic Share by Automaker (%)

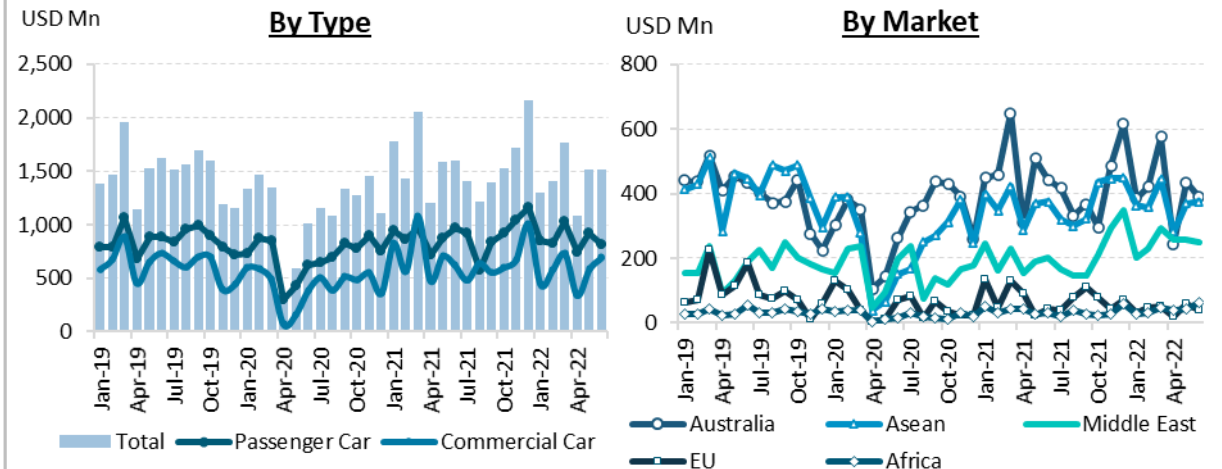


Manufacturing Production Index (MPI)



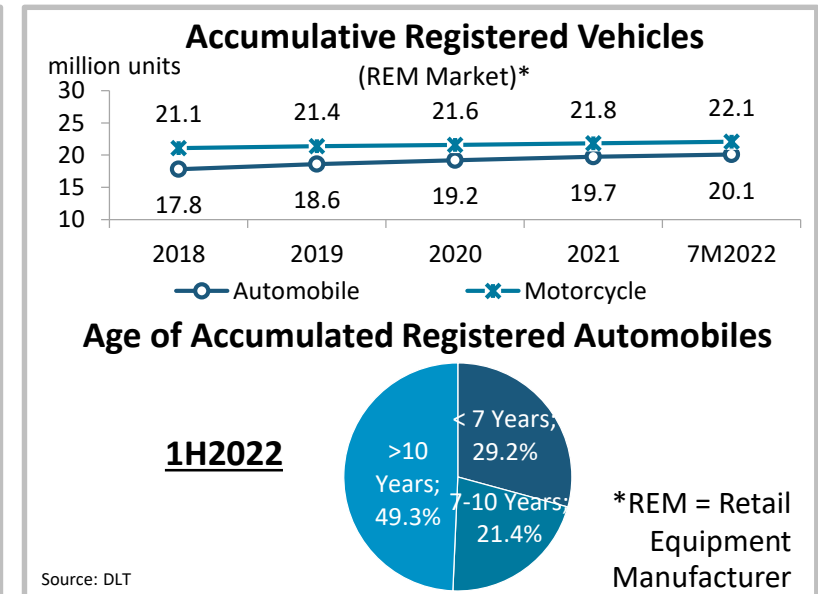
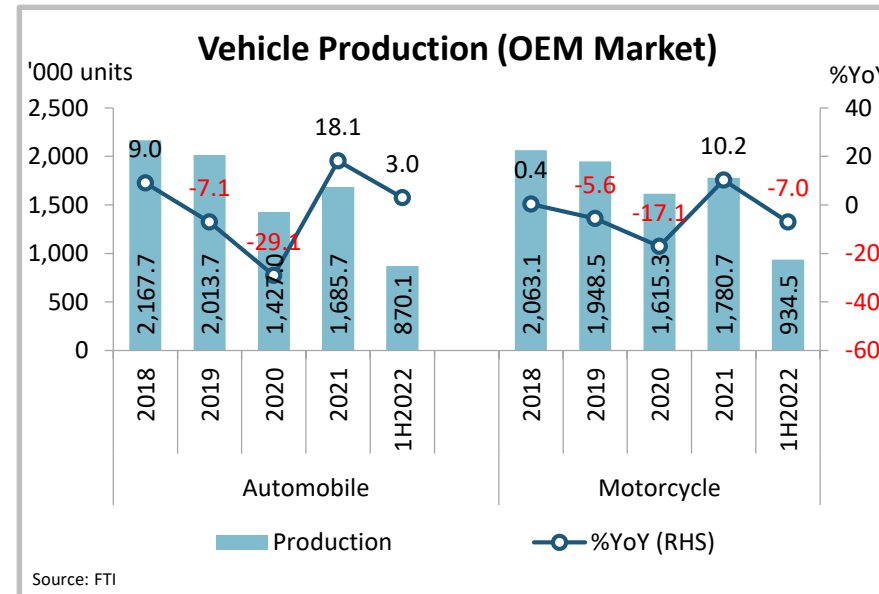
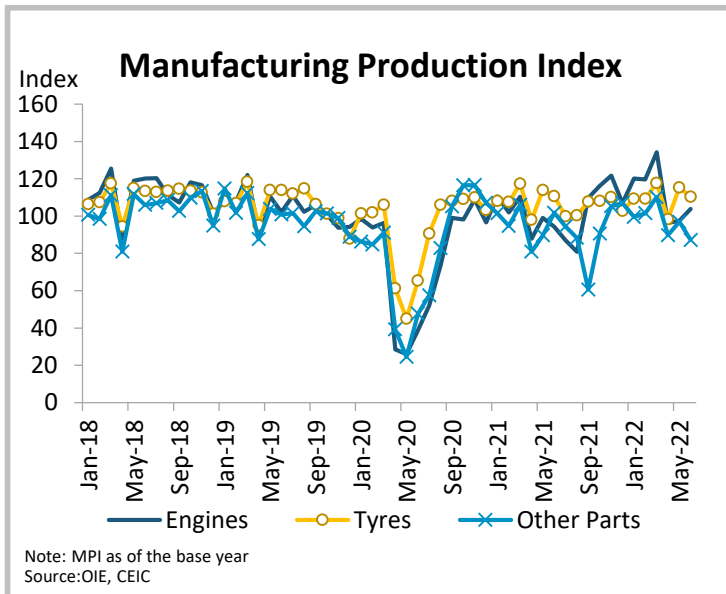
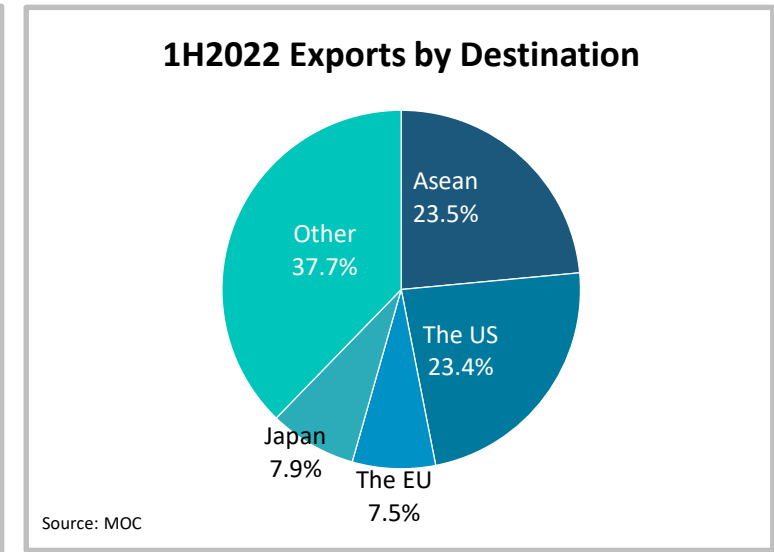
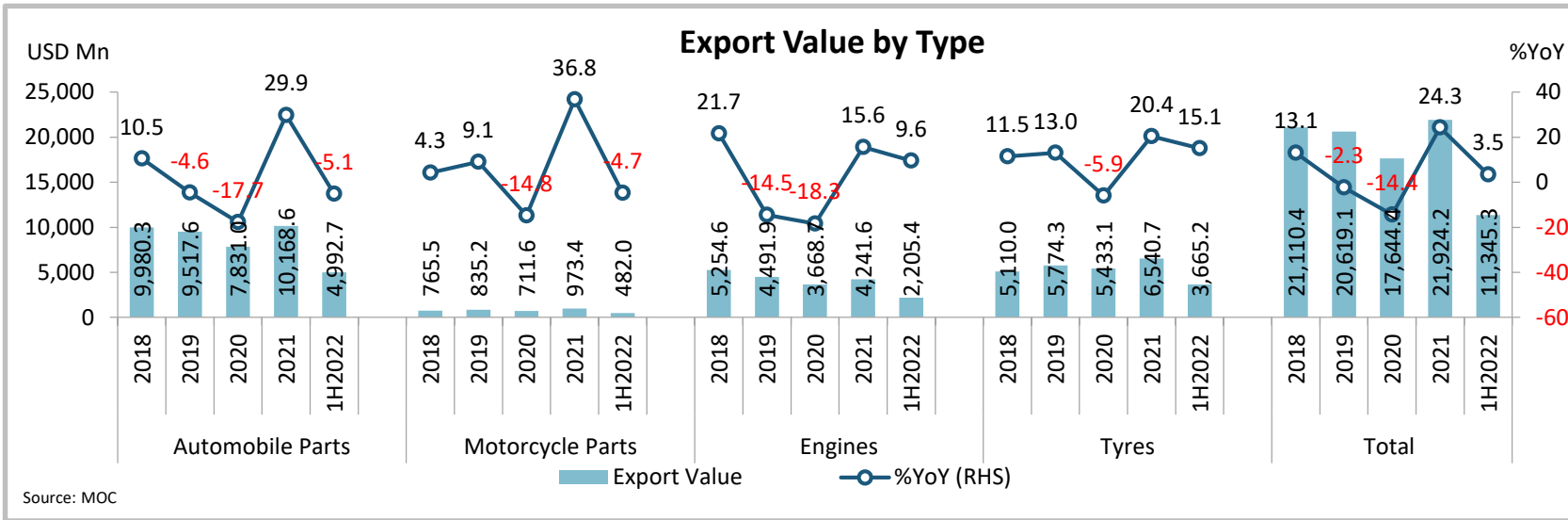
Note: MPI as of the base year (2016=100)
Source: OIE

Export Value



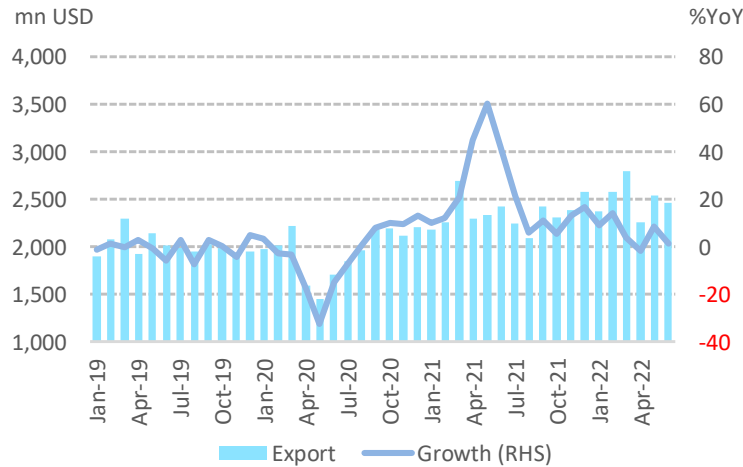
Source: MOC

Auto Parts (ชิ้นส่วนยานยนต์)



Electrical Appliances (เครื่องใช้ไฟฟ้า)

Electrical Appliance Export Value



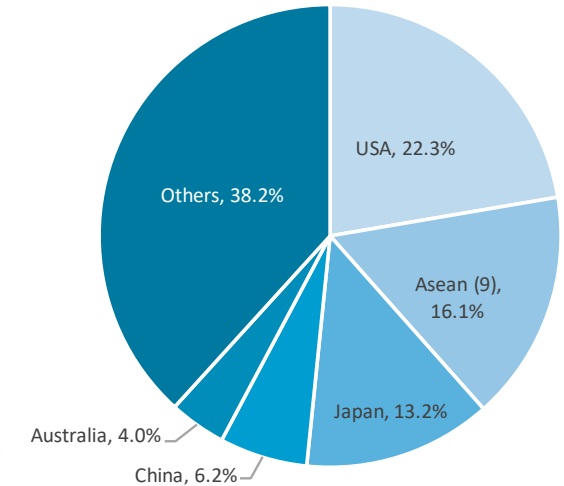
Source: MOC

Electrical Appliance Export

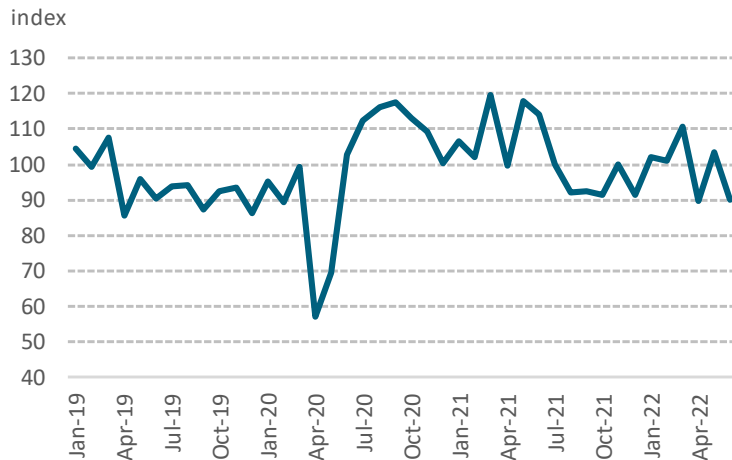
Electrical Appliance Export by Product

	Unit: mn USD					%YoY	Share (%)
	2019	2020	2021	1H21	1H22		
Air conditioner	5,496	5,253	6,486	3,640	3,757	3.2	25.0
Television receiver	3,041	2,412	2,862	1,322	1,409	6.6	9.4
Refrigerator	1,977	2,098	2,393	1,253	1,273	1.6	8.5
Washing machine	1,286	1,226	1,343	715	637	-10.9	4.2
Microwave Oven	765	950	1,239	587	740	26.1	4.9
Compressor	827	698	903	434	492	13.4	3.3
Video recording	450	349	602	265	313	18.3	2.1
Others	10,381	10,521	12,444	5,993	6,413	7.0	42.7
Total	24,224	23,506	28,273	14,209	15,036	5.8	100.0

Export Market Share (2021)

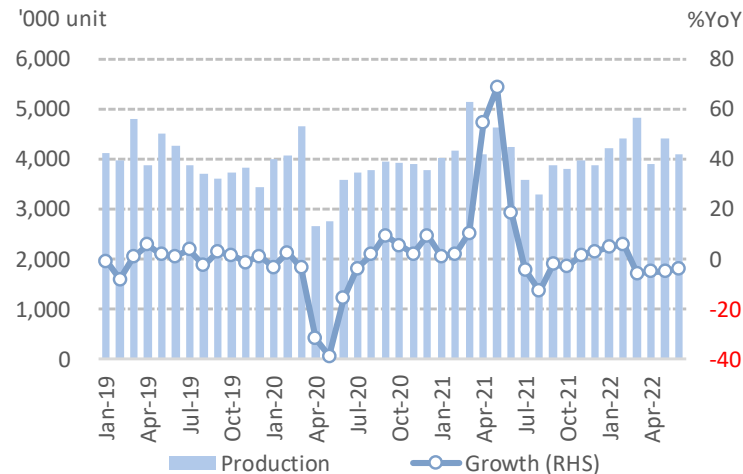


Manufacturing Production Index (MPI)



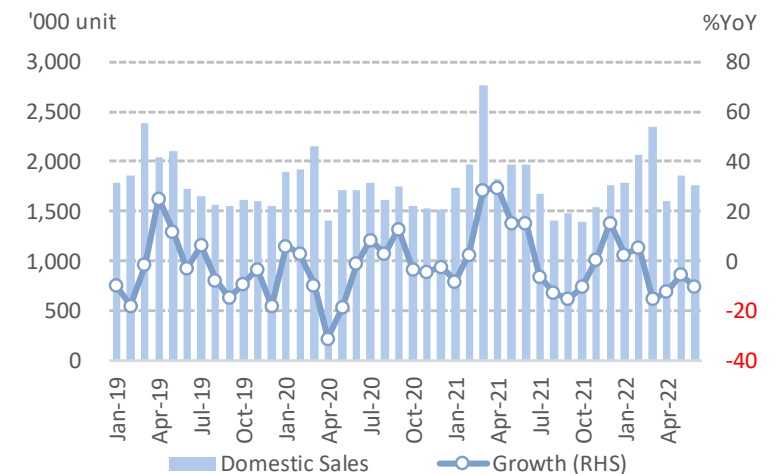
Source: OIE

Electrical Appliance Production



Source: OIE

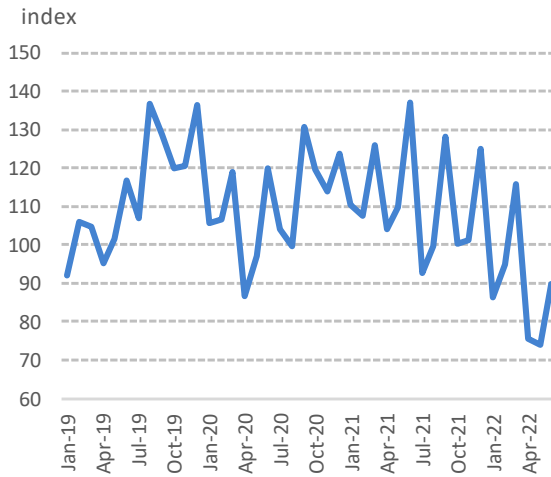
Domestic Electrical Appliance Sales



Source: OIE

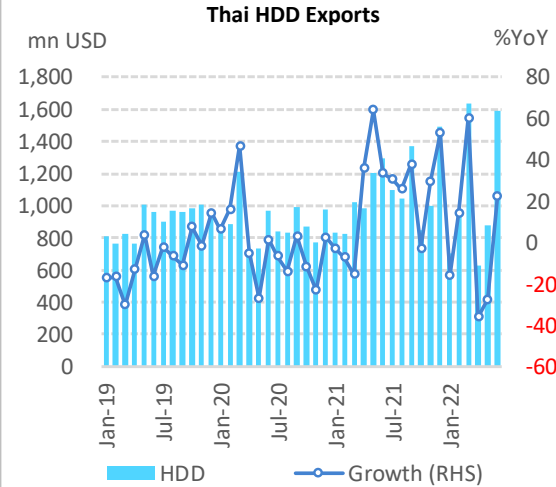
Hard Disk Drive : HDD (ฮาร์ดดิสก์ไดรฟ์)

MPI of Thai HDD



Source: OIE

Thai HDD and Computer Components export



Source: MOC

	HDD	Other Storage Devices	Other Computer Components	Total HDD & Computer Components
2019	10,901	268	7,075	18,244
2020	10,680	286	7,704	18,671
2021	13,036	397	8,602	22,036
1H21	6,171	145	4,154	10,470
1H22	6,374	173	3,987	10,535
%YoY	3.3	19.4	-4.0	0.6

Market Share of HDD Exports by destination

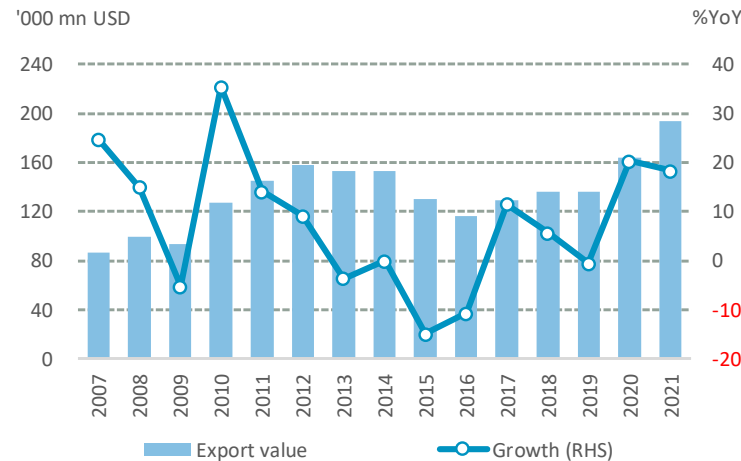
	USA	Hong Kong	China	Netherland	Singapore	Others
2020	4,036	2,297	1,374	678	384	1,911
2021	4,819	3,095	1,229	924	656	2,313
1H21	2,129	1,425	655	443	373	1,147
1H22	2,876	1,012	888	391	306	900
%YoY	35.1	-29.0	35.7	-11.6	-18.0	-21.5
%Share	45.1	15.9	13.9	6.1	4.8	14.1

Revealed Comparative Advantage (RCA) of Thai HDD



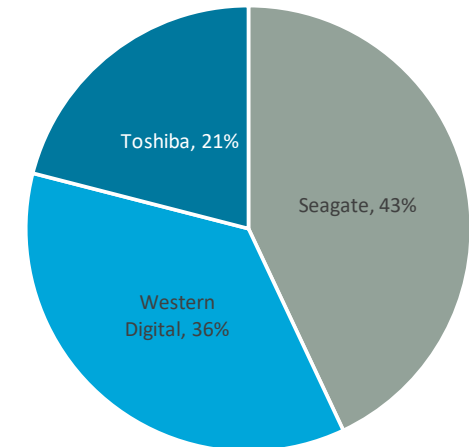
Note: RCA>1 signifies good competitiveness
Source: Trademap (calculated by LHB)

Worldwide PC Export



Source: Trademap

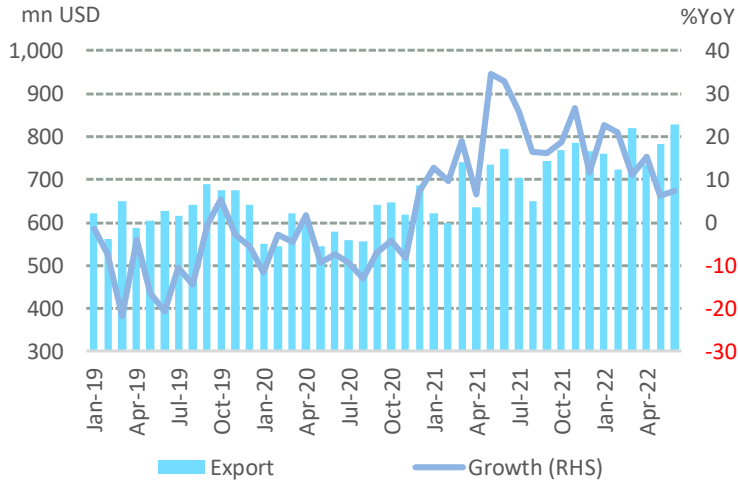
Worldwide HDD Shipments Market Share by Manufacturers



Source: Coughlin Associates

Integrated Circuits: IC (แผงวงจรไฟฟ้า)

Thai IC Export



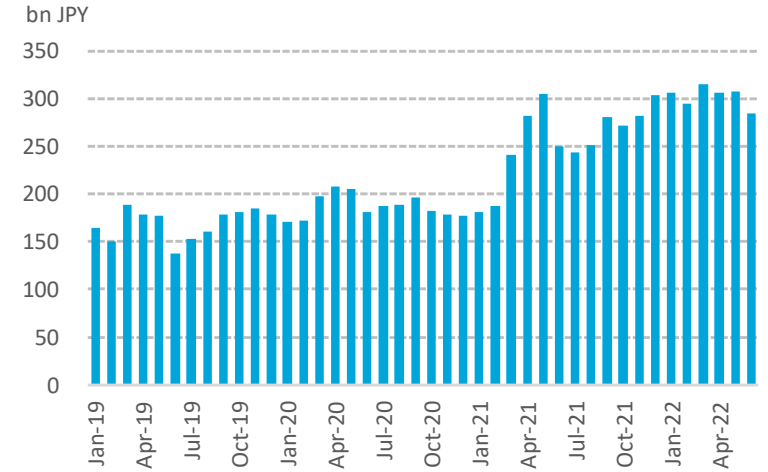
Source: MOC

Market Share of Thai IC Exports by Destination

Country	2020	2021	1H21	1H22	%YoY	Share (%)
USA	34.4	41.9	19.9	24.0	20.5	16.1
China	29.8	37.3	18.3	18.5	0.8	12.4
Japan	22.8	25.0	12.5	12.7	1.4	8.5
Vietnam	11.2	12.5	6.7	6.7	0.1	4.5
Malaysia	8.7	12.1	5.9	6.4	9.8	4.3
Others	124.7	143.2	69.0	80.9	17.2	54.2
Total	231.6	272.0	132.4	149.2	12.7	100.0

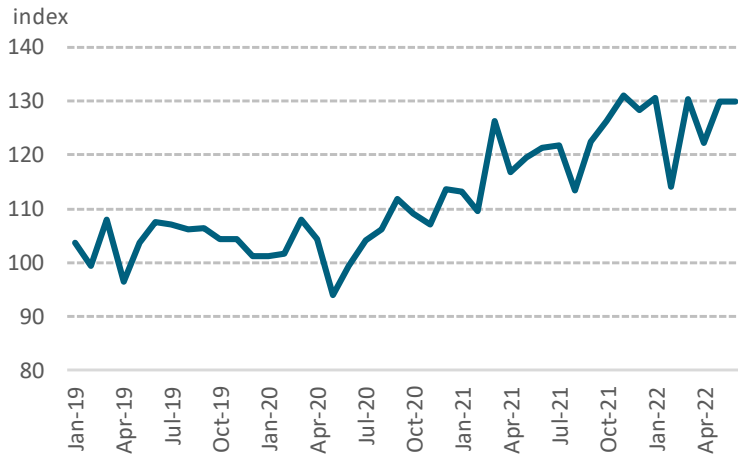
Source: MOC

SEAJ Billing (three month avg)



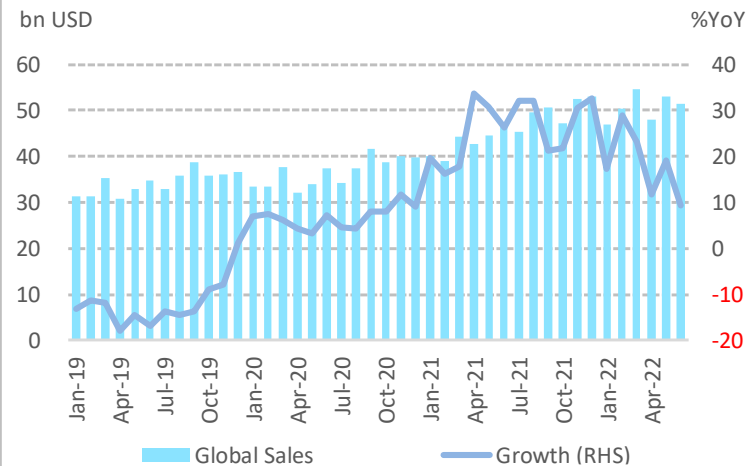
Source: Semiconductor Equipment Association of Japan (SEAJ)

Manufacturing Production Index (MPI)

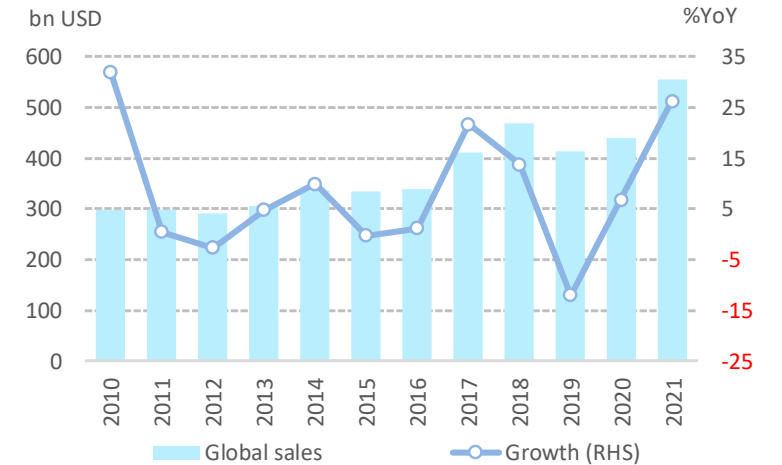


Source: OIE

Worldwide Sales of Semiconductors

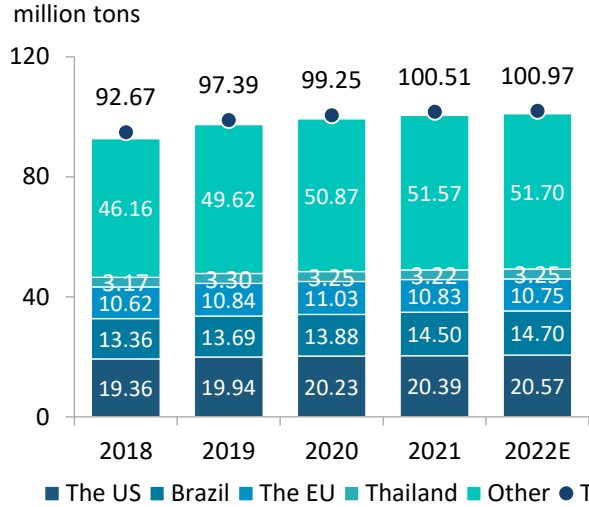


Source: World Semiconductor Trade Statistics

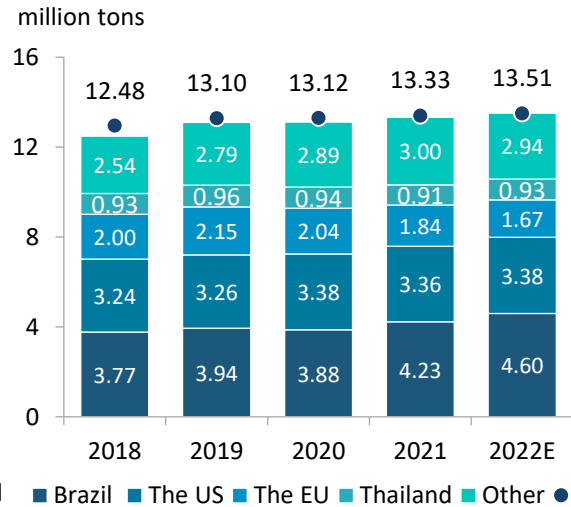


Frozen and Processed Chicken (ไก่แช่แข็งและแปรรูป)

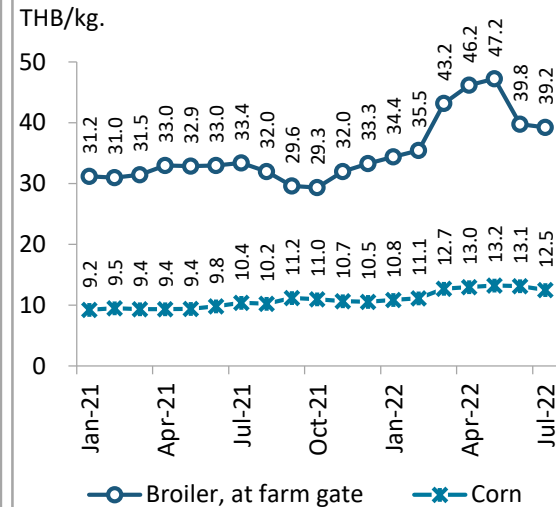
World's Chicken Production



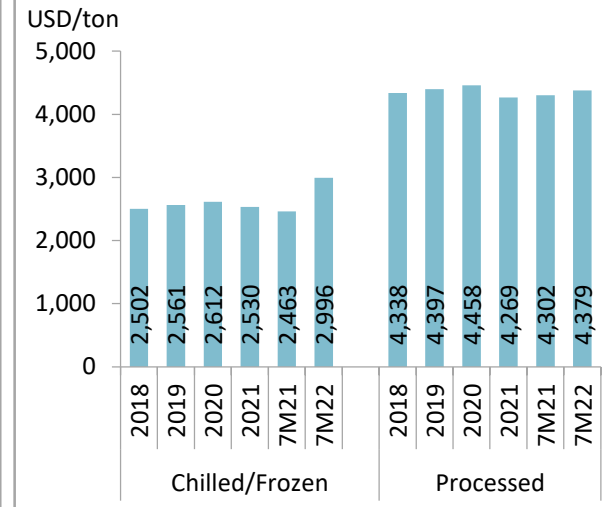
World's Chicken Exports



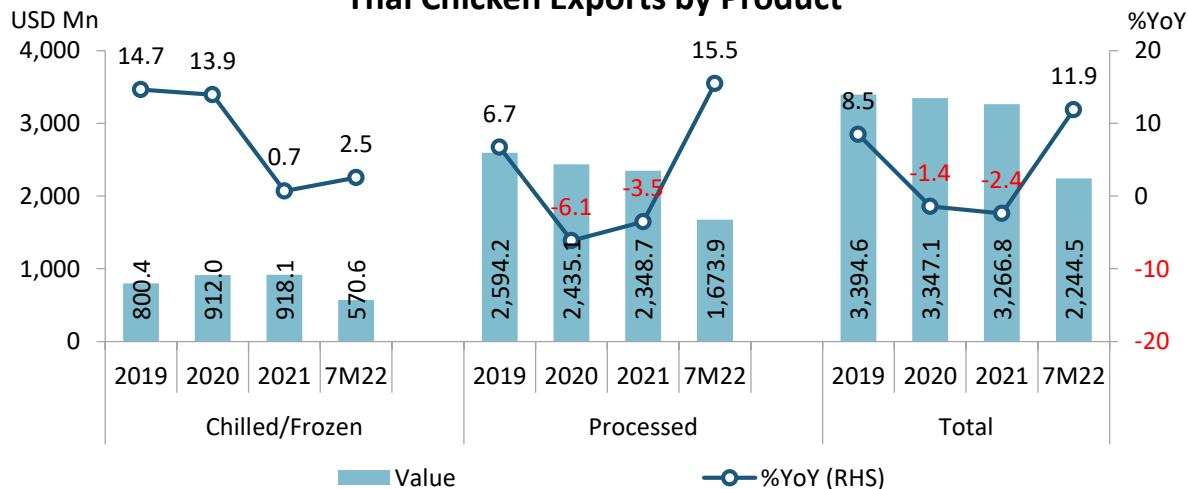
Broiler and Corn Prices



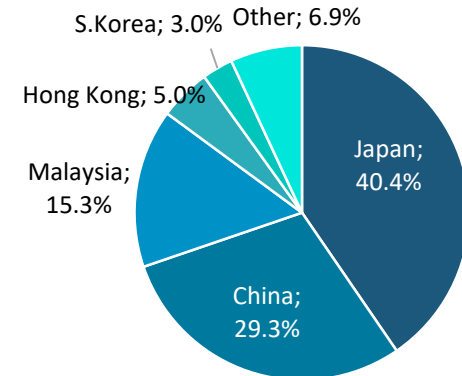
Thai Chicken Export Prices



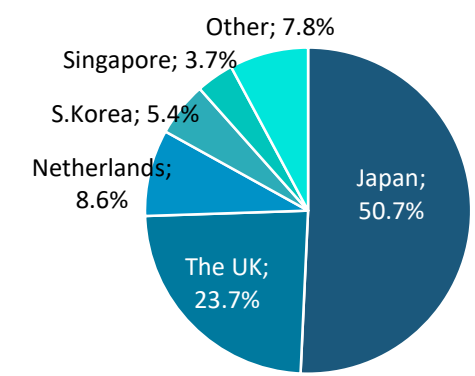
Thai Chicken Exports by Product



7M22 Chilled/Frozen Chicken by Destination



7M22 Processed Chicken by Destination

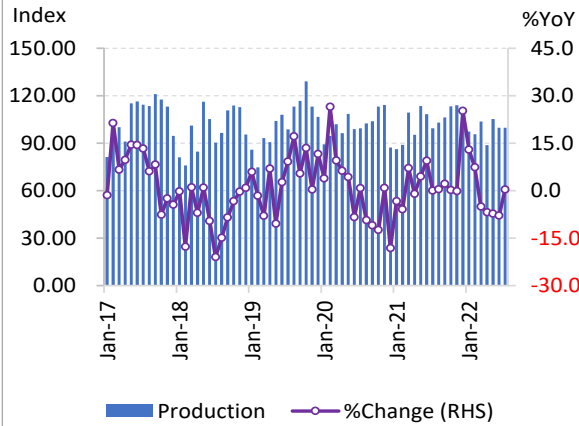


Source: MOC

Source: MOC

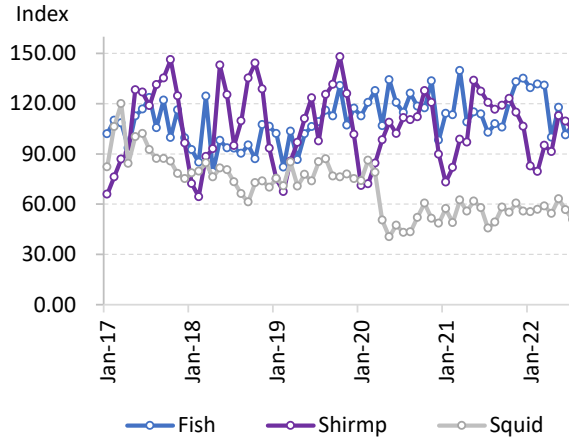
Frozen Seafood (อาหารทะเลแช่แข็ง)

Seafood Production

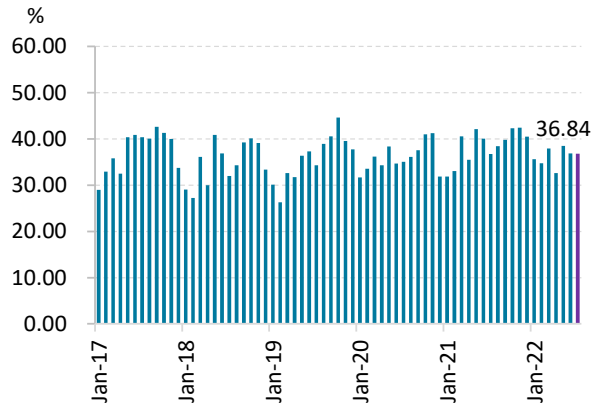


Source : OIE

Seafood Production by products

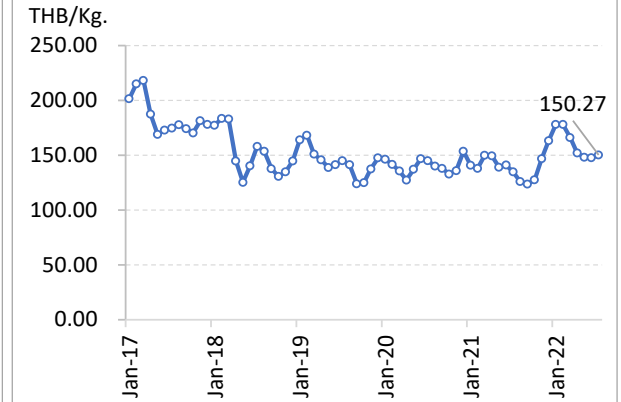


Cap U Seafood Production



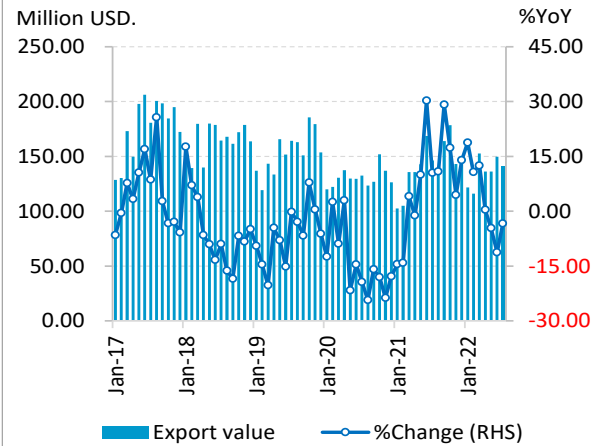
Source : OIE

Thai Shrimp Prices



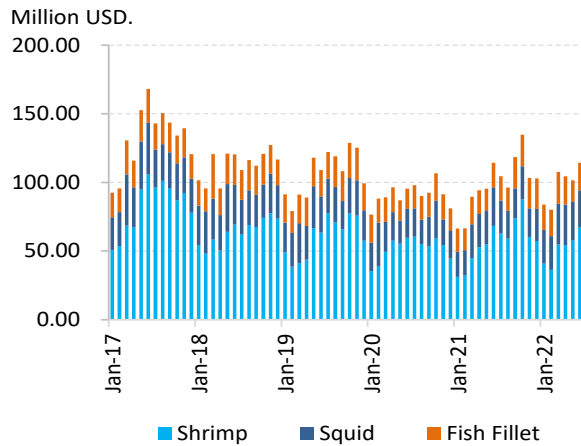
Source : OAE

Thai Export (Value)

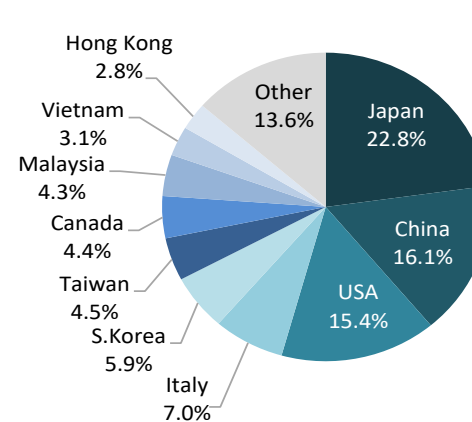


Source : MOC

Export Value by Production

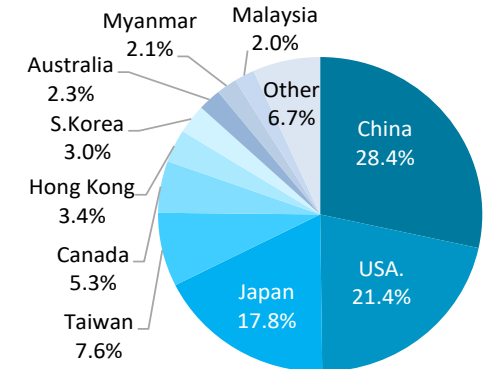


Frozen Seafood Export Markets (Jan-Jul)



Source : MOC

Shrimp Export Markets (Jan-Jul)



Source : MOC

Frozen Seafood (อาหารทะเลแช่แข็ง)

Seafood Production

Year	Seafood Productio		Shrimp		Squid		Fish	
	thousand ton	%YoY	thousand ton	%YoY	thousand ton	%YoY	thousand ton	%YoY
2017	245.06	7.3	110.59	10.6	29.16	-8.3	105.31	9.1
2018	224.13	-8.5	107.71	-2.6	23.80	-18.4	92.62	-12.0
2019	234.69	4.7	107.46	-0.2	24.69	3.7	102.53	10.7
2020	233.74	-0.4	100.78	-6.2	17.93	-27.4	115.03	12.2
2021	240.49	2.9	109.39	8.5	17.72	-1.2	113.38	-1.4
7M2022	132.68	-2.7	56.55	-7.4	10.49	1.5	65.64	1.1

Source : OIE

Thai Export (Value)

Year	Seafood		Shrimp		Squid		Fish Fillet	
	mn USD	%YoY	mn USD	%YoY	mn USD	%YoY	mn USD	%YoY
2017	2,116.58	4.7	991.10	1.7	346.11	21.0	249.27	-11.9
2018	1,977.36	-6.6	768.05	-22.5	331.03	-4.4	258.06	3.5
2019	1,846.81	-6.6	727.44	-5.3	302.65	-8.6	250.66	-2.9
2020	1,567.25	-15.1	622.74	-14.4	259.45	-14.3	210.32	-16.1
2021	1,702.62	8.6	685.13	10.0	272.19	4.9	229.42	9.1
7M2022	954.13	1.9	372.21	7.2	188.16	16.4	137.60	12.6

Source : MOC

MPI & Cap U (Seafood)

Years	MPI	%YoY	Cap U	%YoY
2017	105.9	5.9	37.5	4.9
2018	98.7	-6.8	34.9	-7.0
2019	102.8	4.2	35.8	2.8
2020	100.8	-1.9	36.0	0.3
2021	103.9	3.0	38.6	7.4
6M2021	100.1	-3.6	37.1	-3.8
7M2022	98.6	-1.5	36.2	-2.6

Source : OIE

Thai Shrimp Prices THB/Kg.

	2019	2020	2021	2022
Jan	163.97	146.47	140.97	178.24
Feb	168.31	141.57	137.95	178.17
Mar	150.94	135.64	150.08	166.30
Apr	145.79	127.40	149.54	151.99
May	138.83	137.14	138.99	148.12
Jun	141.55	146.84	141.14	147.66
Jul	145.20	144.98	134.84	150.27
Aug	141.41	140.21	126.04	
Sep	123.99	138.14	123.70	
Oct	124.98	132.90	127.49	
Nov	137.59	136.07	146.90	
Dec	147.63	153.56	163.29	
Avg.	144.18	140.08	140.08	160.11

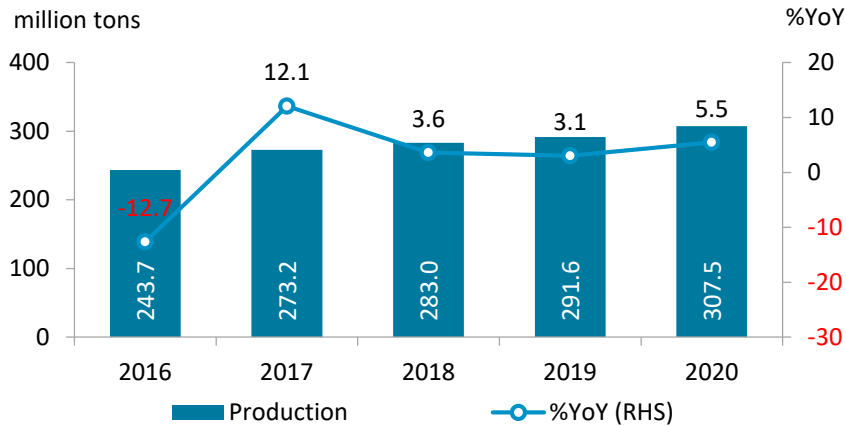
Frozen Seafood Export Markets

Country	mn USD			%YoY			%Proportion		
	2020	2021	7M2022	2020	2021	7M2022	2020	2021	7M2022
Japan	365.78	373.38	217.68	-18.0	2.1	4.6	29.0	31.2	22.8
China	308.54	314.74	153.55	-21.2	2.0	-14.5	23.6	19.9	16.1
USA	255.09	284.62	147.33	-7.3	11.6	9.5	14.3	14.8	15.4
Italy	63.26	86.90	66.92	-34.8	37.4	22.4	6.5	6.3	7.0
S. Korea	96.56	115.73	55.92	11.1	19.8	-16.6	3.9	3.5	5.9
Taiwan	64.67	73.98	42.94	7.3	14.4	8.1	3.4	3.9	4.5
Canada	32.28	47.65	42.02	-31.4	47.6	101.3	4.5	4.7	4.4
Malaysia	60.80	81.51	41.44	5.8	34.1	-14.6	3.2	2.5	4.3
Vietnam	17.98	21.16	29.52	-54.3	17.7	168.1	2.8	3.7	3.1
Hong Kong	44.98	52.57	27.11	-29.2	16.9	-17.7	2.4	3.1	2.8
Other	257.30	250.37	129.69	-8.7	-2.7	-7.1	6.4	6.5	13.6
Total	1,567.25	1,702.62	954.13	-15.1	8.6	1.9	100.0	100.0	100.0

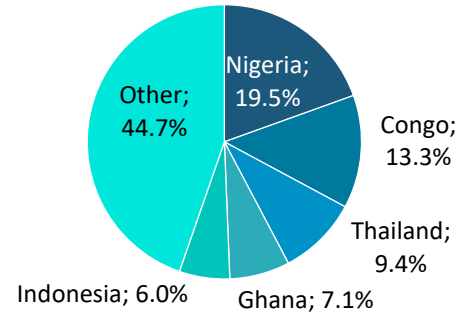
Source : MOC

Cassava Products (ผลิตภัณฑ์มันสำปะหลัง)

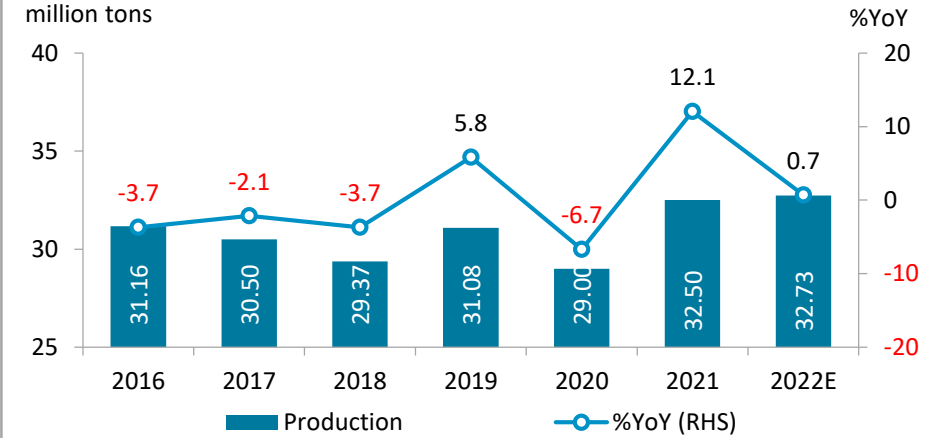
World Cassava Production



2020 World Cassava Production By Country

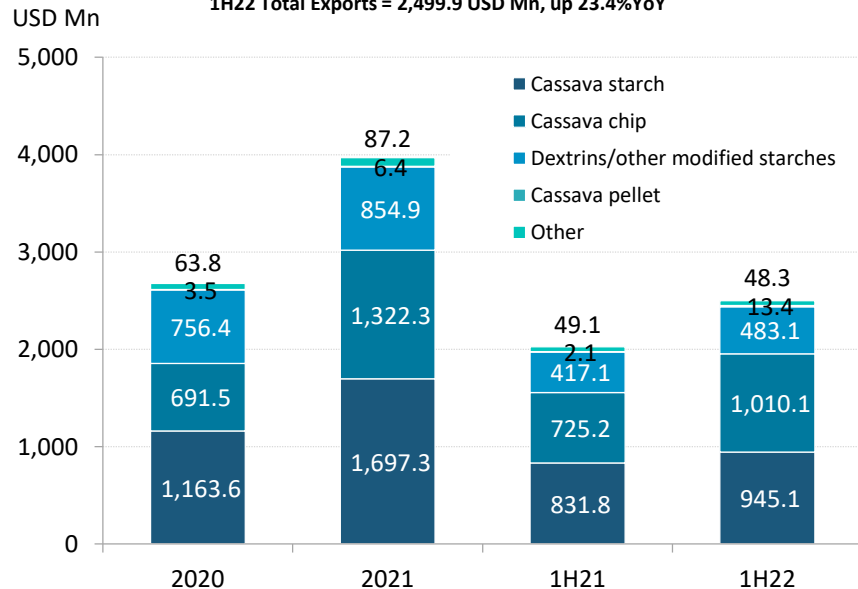


Thai Cassava Production

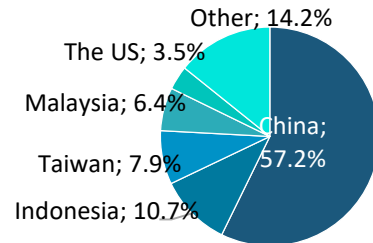


Thai Cassava Products Exports

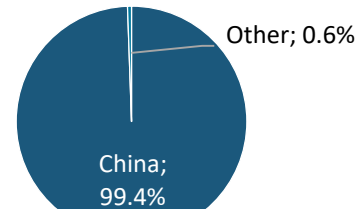
1H22 Total Exports = 2,499.9 USD Mn, up 23.4%YoY



1H22 Cassava Starch Exports by Destination



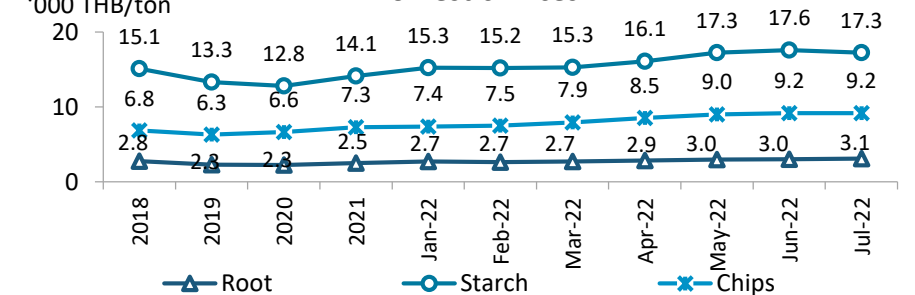
1H22 Cassava Chip Exports by Destination



Export Prices



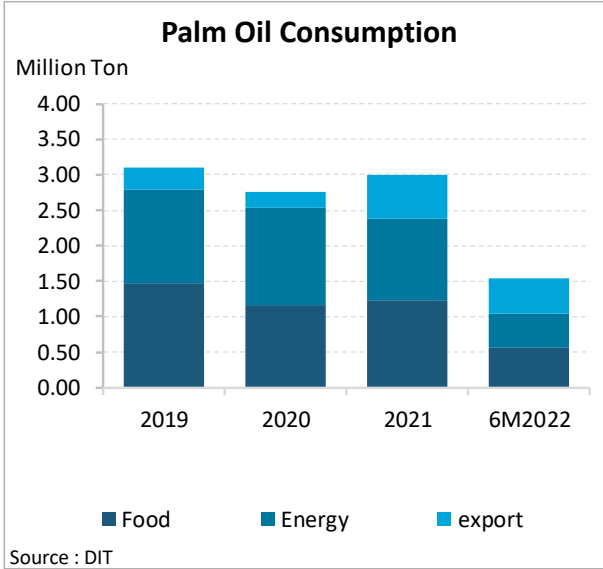
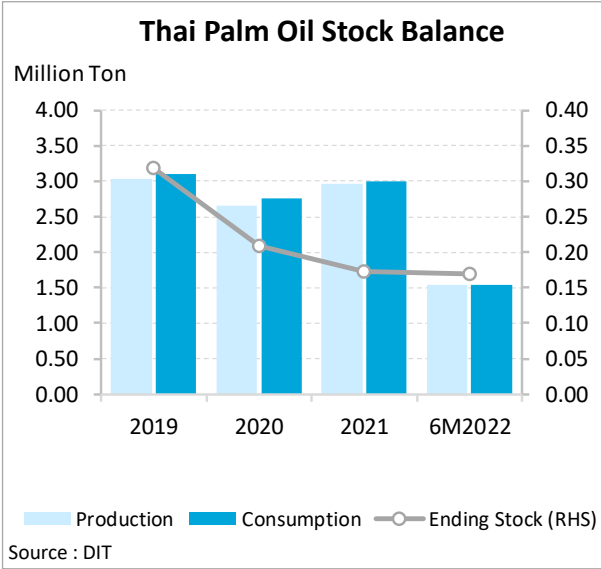
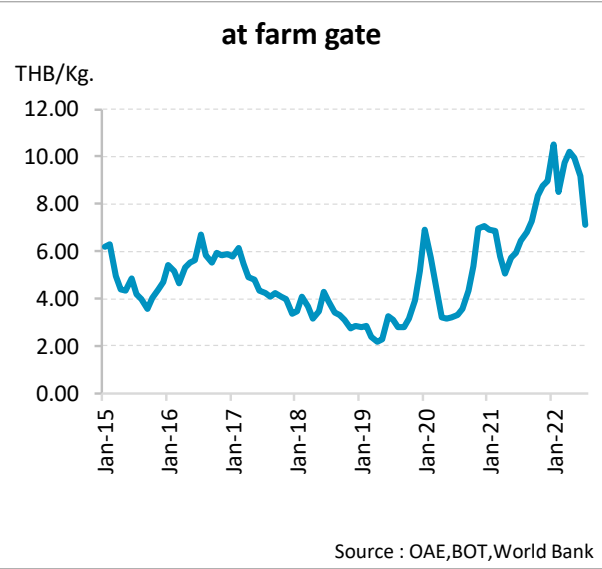
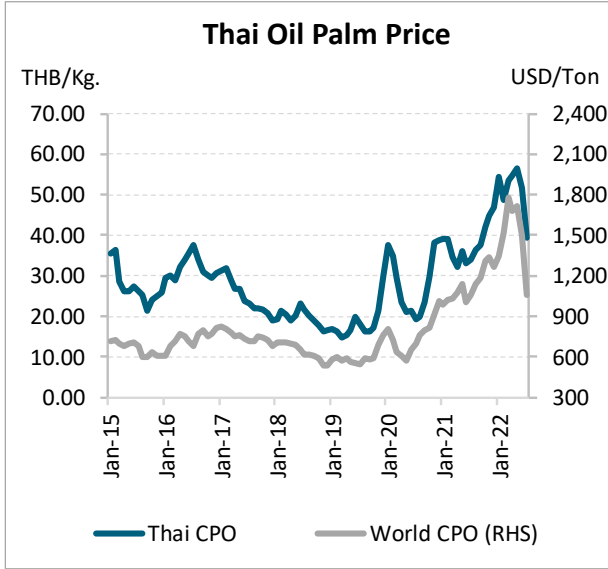
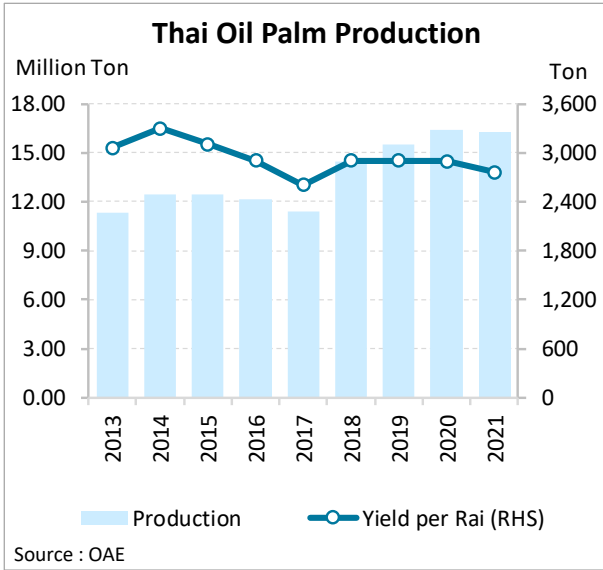
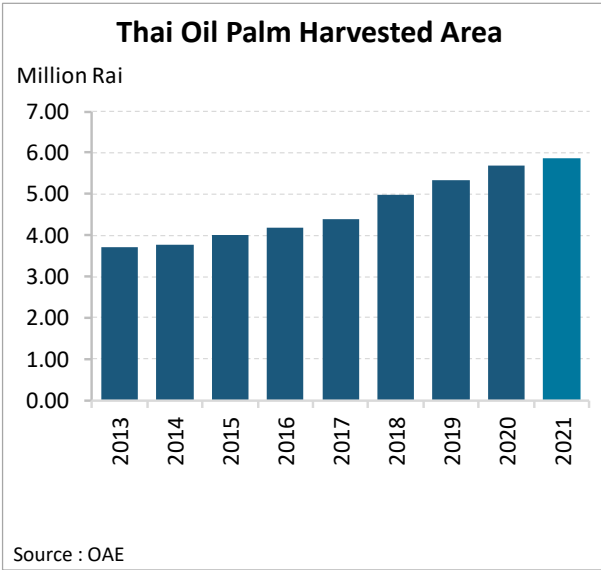
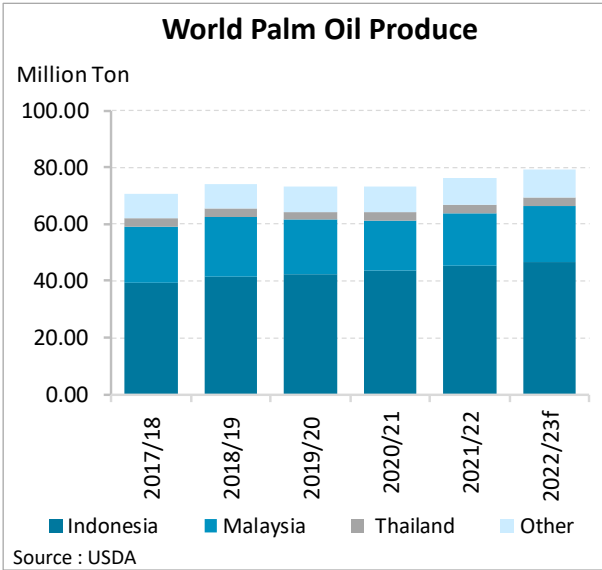
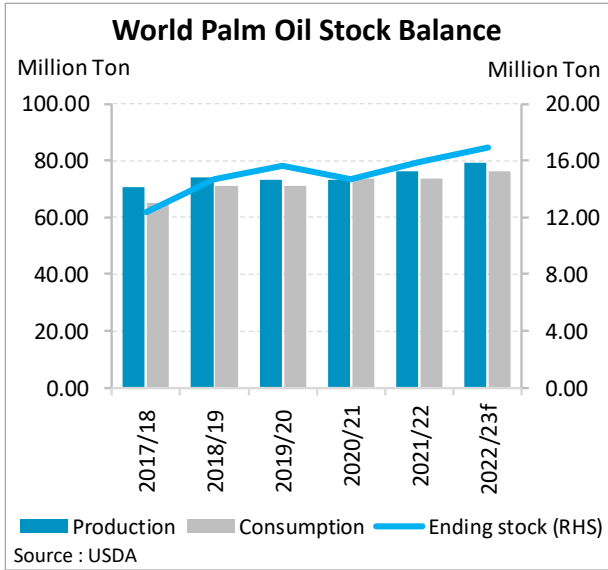
Domestic Prices



Source: Food and Agriculture Organization of the United Nations, Office of Agricultural Economics, Ministry of Commerce, Thai Tapioca Development Institute

Source: LH Business Research analysis

Oil Palm (ปาล์มน้ำมัน)



Oil Palm (ปาล์มน้ำมัน)

World Palm oil Production

	Million Ton		
	Indonesia	Malaysia	Thailand
2017/18	39.50	19.68	2.78
2018/19	41.50	20.80	3.03
2019/20	42.50	19.26	2.65
2020/21	43.50	17.85	2.96
2021/22	45.30	18.30	3.15
2022/23f	46.50	19.80	3.26

World Palm oil Balance

	Million Ton				
	Production	Import	Consumption	Export	Ending Stocks
2017/18	70.51	45.60	71.14	48.83	12.41
2018/19	74.29	50.52	71.10	51.75	14.65
2019/20	73.13	47.42	73.46	48.49	15.60
2020/21	73.17	47.54	73.74	48.19	14.67
2021/22	76.12	43.81	76.04	44.99	15.87
2022/23f	79.23	49.63	76.42	51.18	16.94

Source : USDA

Thai Palm Oil Stock Balance

	Thousand Ton			
	2019	2020	2021	2022 (Jan-Jun)
Production	3,033.74	2,651.60	2,963.23	1,541.82
Import	4.30	3.44	0.62	0.68
Domestic Consumption	2,800.11	2,528.64	2,381.68	1,036.88
- Food	1,462.95	1,164.99	1,235.30	562.48
- Energy	1,337.16	1,363.65	1,146.38	474.40
Export	296.30	236.25	618.84	509.51
Ending Stock	319.18	209.33	172.66	168.78

Source : DIT

Oil Palm & Palm Oil Prices

	Farm Gate Prices				THB./Kg.
	2019	2020	2021	2022	
Jan	2.79	6.93	6.91	10.49	
Feb	2.85	5.75	6.85	8.50	
Mar	2.36	4.59	5.79	9.74	
Apr	2.20	3.18	5.04	10.22	
May	2.28	3.14	5.70	9.92	
Jun	3.26	3.20	5.92	9.17	
July	3.09	3.31	6.43	7.09	
Aug	2.77	3.58	6.78		
Sep	2.79	4.31	7.28		
Oct	3.15	5.39	8.35		
Nov	3.94	6.94	8.75		
Dec	5.14	7.06	8.97		
Avg.	3.05	4.78	6.90	9.30	

	Thai CPO Prices (Grade A)				USD./Ton
	2019	2020	2021	2022	
Jan	17.00	37.56	39.13	54.26	
Feb	16.32	34.75	39.18	48.75	
Mar	14.76	29.41	34.61	53.36	
Apr	15.38	23.35	32.07	54.79	
May	16.47	21.17	36.01	56.52	
Jun	19.84	21.48	33.00	51.58	
July	18.22	19.34	34.12	39.27	
Aug	16.24	19.80	36.36		
Sep	16.16	23.42	37.58		
Oct	17.13	29.90	42.18		
Nov	21.47	38.24	44.90		
Dec	29.75	38.76	46.76		
Avg.	18.23	28.10	37.99	51.22	

	World CPO Prices				USD./Ton
	2019	2020	2021	2022	
Jan	584.58	810.07	990.27	1,344.79	
Feb	602.97	728.81	1,019.86	1,522.36	
Mar	573.02	636.25	1,030.48	1,776.96	
Apr	588.45	608.88	1,078.05	1,682.74	
May	564.40	576.56	1,136.46	1,716.92	
Jun	552.19	656.49	1,004.42	1,501.10	
July	543.88	694.16	1,062.99	1,056.64	
Aug	586.12	760.30	1,141.82		
Sep	580.30	796.22	1,181.38		
Oct	591.35	819.27	1,310.25		
Nov	685.41	917.81	1,340.65		
Dec	763.73	1,016.37	1,270.29		
Avg.	601.37	751.77	1,130.58	1,514.50	

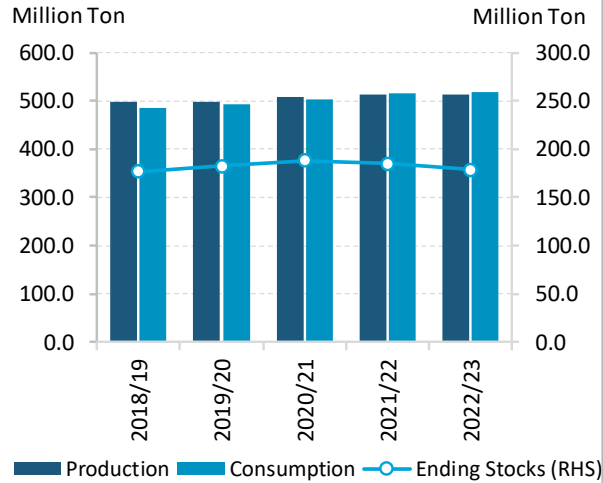
Thai Oil Palm Production

	Oil palm production		Yield per rai	
	Million Ton	%YoY	Ton	%YoY
2013	12.43	9.9	3,296	7.8
2014	12.45	0.1	3,105	-5.8
2015	12.16	-2.3	2,905	-6.4
2016	11.42	-6.1	2,605	-10.3
2017	14.45	26.5	2,901	11.4
2018	15.48	7.1	2,902	0.0
2019	16.42	6.1	2,895	-0.2
2020	16.22	-1.2	2,763	-4.6
2021	16.79	3.5	2,769	0.2

Source : OAE

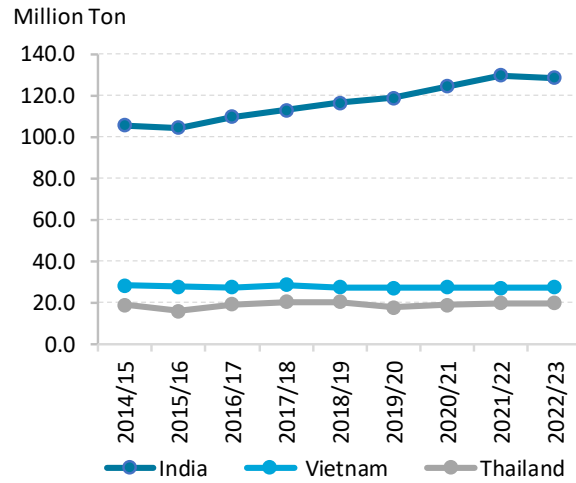
Rice (ข้าว)

World Rice stock Balance



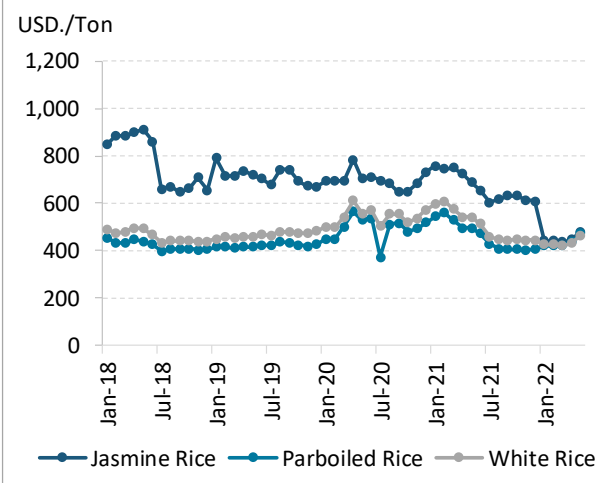
Source : USDA

Rice Production by Country



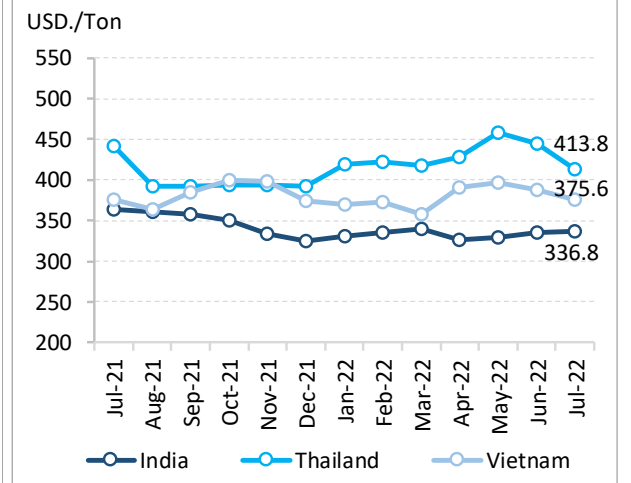
Source : USDA

Thai Rice Prices



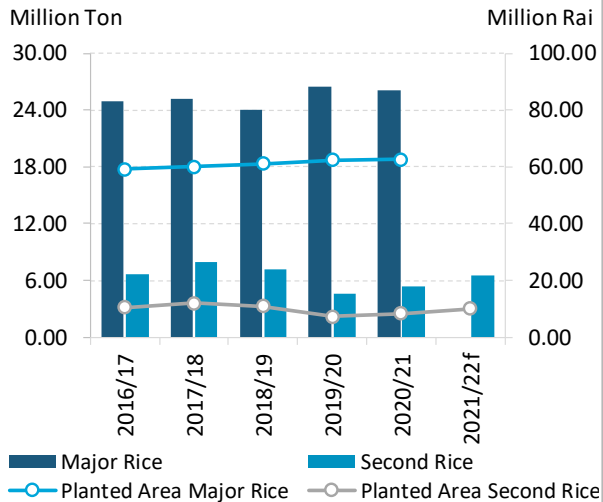
Source : Thai Rice Exporters Association

Rice 25% Prices



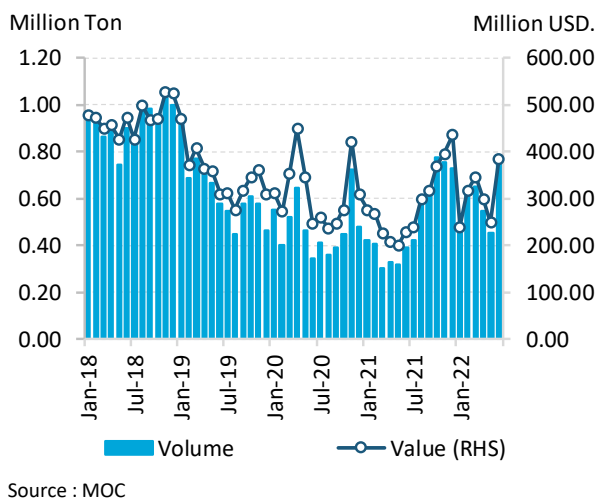
Source : FAO

World Rice Production



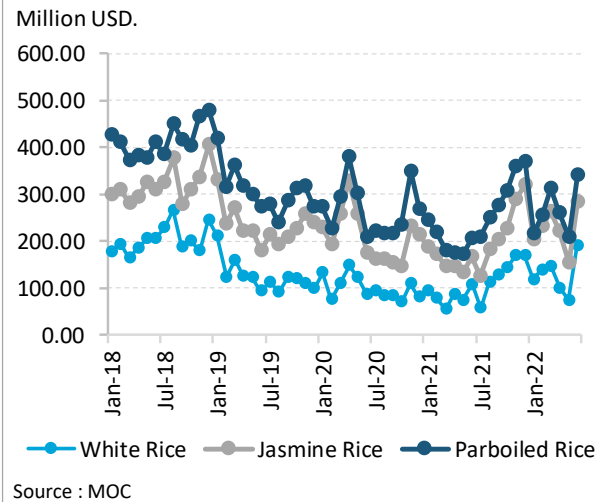
Source : MOC

Thai Rice Exports



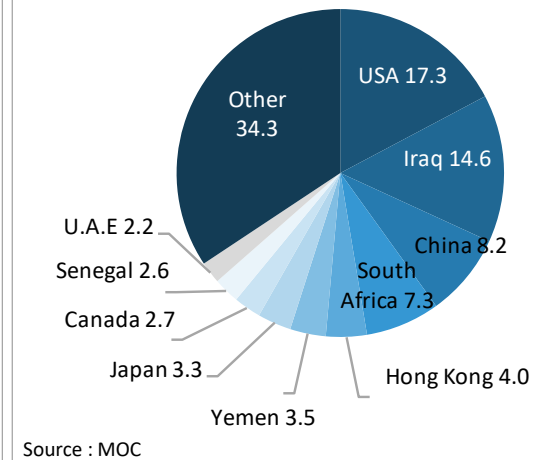
Source : MOC

Thai Rice Exports by Product



Source : MOC

Thai Rice Exports Market by Value (Jan-Jun)



Source : MOC

Rice (ข้าว)

World Rice Production

Year	Million Ton			
	2019/20	2020/21	2021/22	2022/23f
China	146.7	148.3	149.0	149.0
India	118.9	124.4	129.7	128.5
Indonesia	34.7	34.5	34.4	34.6
Vietnam	27.1	27.4	27.1	27.4
Thailand	17.7	18.9	19.7	19.8
Other	154.1	155.8	153.9	153.1
Total	499.2	509.3	513.7	512.4

Source : USDA

World Rice Balance

Year	Million Ton		
	Production	Consumption	Ending Stocks
2018/19	498.2	485.0	177.0
2019/20	499.2	494.0	182.2
2020/21	509.3	503.6	187.9
2021/22	513.7	516.7	184.8
2022/23f	512.4	518.7	178.5

Thai Rice Prices (at farm gate)

	2019				2020				2021				2022			
	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr
2019	7,744.5	7,620.2	7,609.6	7,836.8	7,755.6	8,165.8	8,655.0	9,453.0	9,001.0	9,148.0	9,312.4	9,068.2	7,934.2	7,850.6	8,191.7	8,490.8
2020	7,833.7	7,782.3	7,693.9	7,897.0	9,318.5	9,051.7	8,910.1	9,297.3	8,741.8	9,094.1	8,256.7	7,507.7	8,741.1	9,094.1	8,256.7	7,507.7
2021	7,921.0	7,881.0	7,705.2	7,827.1	8,803.9	8,280.7	8,408.1	9,418.9	7,586.4	7,695.7	7,788.4	7,442.0	7,442.0	7,442.0	7,442.0	7,442.0
2022	7,921.0	7,881.0	7,705.2	7,827.1	8,803.9	8,280.7	8,408.1	9,418.9	7,586.4	7,695.7	7,788.4	7,442.0	7,442.0	7,442.0	7,442.0	7,442.0
Avg.	7,779.4	7,779.4	7,779.4	7,779.4	8,793.2	8,793.2	8,793.2	8,793.2	8,335.2	8,335.2	8,335.2	8,335.2	8,383.8	8,383.8	8,383.8	8,383.8

F.O.B. Prices of Thai Rice

	White Rice 100%				USD./Ton
	2019	2020	2021	2022	
Jan	450.5	501.3	596.3	426.5	
Feb	457.0	499.3	607.8	426.5	
Mar	409.8	541.0	575.6	421.6	
Apr	460.0	611.0	543.0	431.0	
May	458.3	557.5	541.3	464.3	
Jun	468.8	569.3	514.2		
July	464.8	503.8	461.0		
Aug	480.0	553.8	448.0		
Sep	478.0	555.6	445.8		
Oct	474.4	519.3	446.8		
Nov	767.3	538.3	445.5		
Dec	482.7	571.8	444.5		
Avg.	487.6	543.5	505.8	434.0	

	Jasmine Rice				USD./Ton
	2019	2020	2021	2022	
Jan	791.8	694.8	756.7	441.8	
Feb	714.7	696.0	746.0	441.8	
Mar	716.3	694.0	751.2	436.6	
Apr	736.8	784.4	723.3	446.0	
May	718.7	704.5	689.0	479.3	
Jun	704.3	711.8	654.2		
July	679.3	696.5	604.8		
Aug	742.8	683.5	615.8		
Sep	742.8	647.6	631.6		
Oct	693.4	649.0	631.3		
Nov	673.0	682.5	612.8		
Dec	670.7	733.0	607.8		
Avg.	715.3	698.1	668.7	449.1	

Parboiled Rice

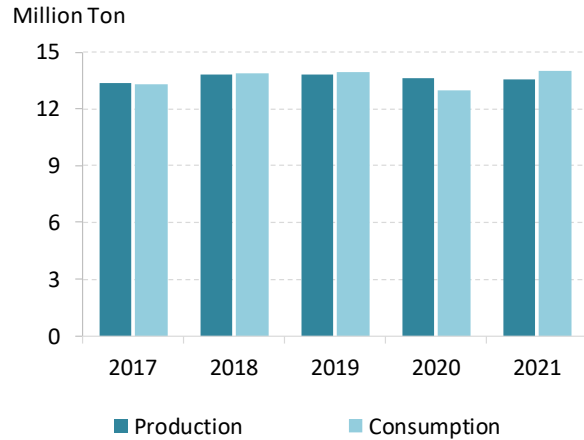
	Parboiled Rice				USD./Ton
	2019	2020	2021	2022	
Jan	417.0	450.8	545.3	420.3	
Feb	415.7	450.3	559.0	420.3	
Mar	411.3	501.3	528.0	422.8	
Apr	416.5	564.2	495.7	436.0	
May	415.7	528.3	496.0	471.8	
Jun	425.0	537.8	472.4		
July	421.3	372.5	428.3		
Aug	436.5	511.3	408.5		
Sep	433.3	515.6	404.8		
Oct	423.4	480.8	405.8		
Nov	418.0	493.0	403.5		
Dec	427.3	520.3	405.5		
Avg.	421.7	493.8	462.7	434.2	

Thai Rice Exports

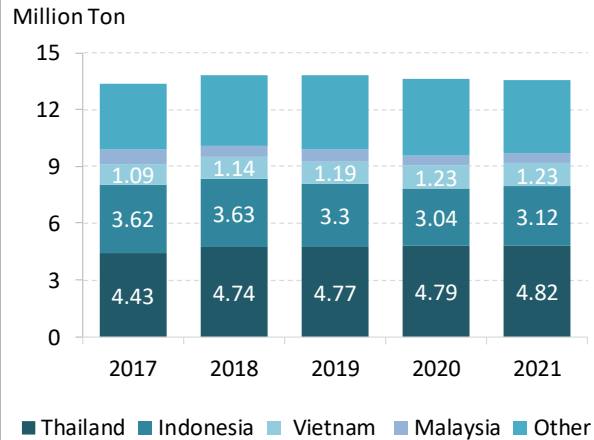
Year	Value	
	USD mn	%YoY
2015	4612.91	-15.2
2016	4,408.4	-4.4
2017	5186.57	17.7
2018	5,675.6	9.4
2019	4,207.4	-25.9
2020	3,731.4	-11.3
2021	3,463.4	-7.2
6M2022	1,837.1	30.5

Rubber (ยางพารา)

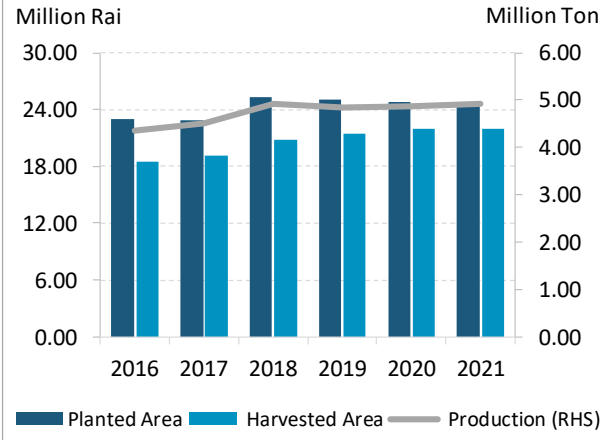
Global Natural Rubber Production



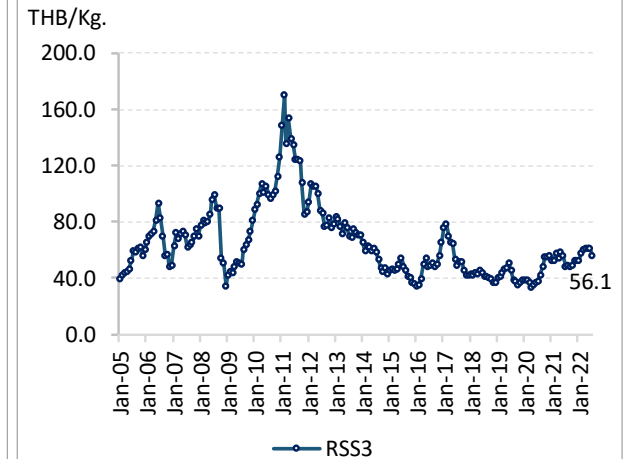
Natural Rubber Production by country



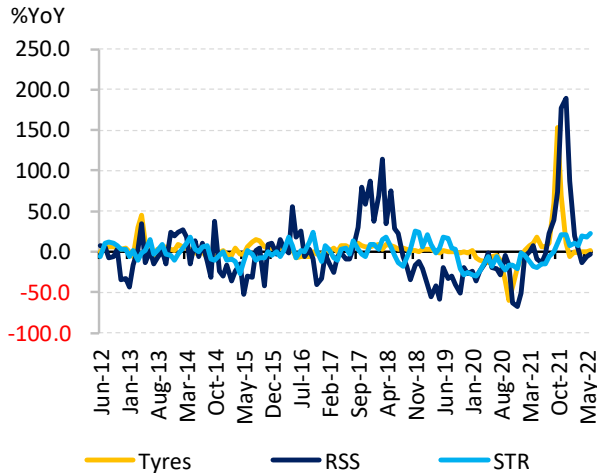
Thai Rubber Harvested Area



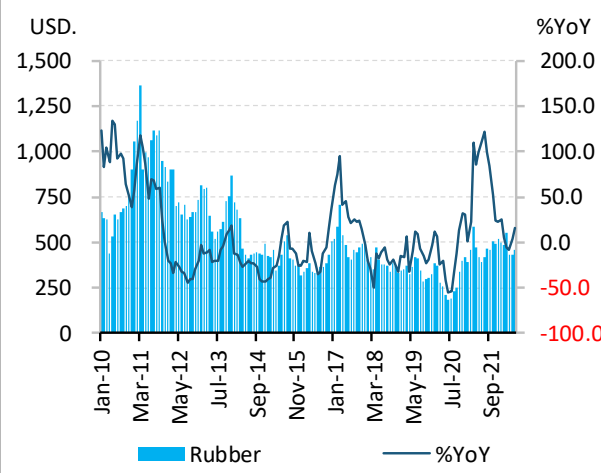
Thai Rubber Prices (at farm gate)



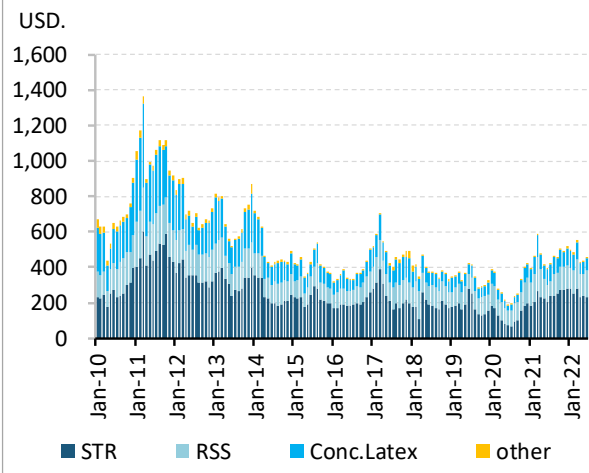
MPI of Thai Rubber Products



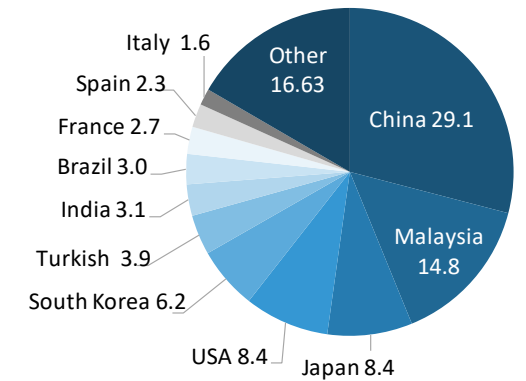
Thai Rubber Exports



Thai Rubber Exports by Products



Share Export Market (Jan-Jun)



Rubber (ยางพารา)

Global Natural Rubber Production

Million Ton.			
Years	Production	Consumption	Export
2017	13.38	13.33	12.17
2018	13.84	13.89	12.09
2019	13.84	13.91	11.61
2020	13.6	12.95	11.59
2021	13.54	14.03	12.49
%YoY	-0.44	8.34	7.77

Source : OAE

Natural Rubber Consumption by country

Million Ton.						
Years	World	China	EU	India	USA	Japan
2017	13.33	5.39	1.24	1.08	0.96	0.68
2018	13.89	5.67	1.23	1.22	0.99	0.71
2019	13.91	5.67	1.19	1.14	1.00	0.71
2020	12.95	5.65	1.04	1.04	0.81	0.58
2021	14.03	5.95	1.15	1.19	0.97	0.66
%YoY	8.34	5.31	10.58	14.42	19.75	13.79

Source : OAE

Prices (at farm gate)

	THB/Kg.			
RSS3	2019	2020	2021	2022
Jan	40.3	38.7	52.9	52.6
Feb	41.5	38.8	52.4	58.2
Mar	43.9	36.8	57.9	60.5
Apr	46.9	33.6	54.1	61.4
May	47.4	35.2	58.3	61.3
Jun	50.6	37.0	55.7	61.2
July	45.9	38.1	48.5	56.1
Aug	38.6	42.2	49.1	
Sep	37.9	48.2	48.4	
Oct	35.5	54.8	49.5	
Nov	36.7	55.2	52.4	
Dec	38.7	56.4	52.7	
Avg.	42.0	42.9	52.7	58.8

Source : OAE

Prices (FOB. Bangkok)

	THB/Kg.			
RSS3	2019	2020	2021	2022
Jan	50.5	48.9	65.2	65.1
Feb	50.8	48.9	67.4	70.0
Mar	55.8	48.0	71.2	74.3
Apr	56.1	44.5	68.6	77.9
May	57.3	44.7	73.4	75.2
Jun	62.8	47.1	67.3	73.3
July	56.1	48.2	59.7	67.9
Aug	46.8	54.4	62.4	61.9
Sep	46.7	61.4	58.8	
Oct	44.0	68.6	61.9	
Nov	45.8	69.8	64.0	
Dec	48.3	69.7	64.2	
Avg.	51.7	54.5	65.3	70.7

Source : ROAT

MPI of Thai Rubber Products

MPI	Tyres	%YoY	RSS	%YoY	STR	%YoY
2017	107.5	7.5	141.4	41.4	105.71	5.7
2018	110.2	2.5	106.0	-25.1	109.08	3.2
2019	106.4	-3.5	78.2	-26.2	95.80	-12.2
2020	92.3	-13.2	59.4	-24.0	82.30	-14.1
2021	107.0	15.9	73.3	23.3	86.88	5.6
6M2022	110.0	0.7	61.1	-12.1	91.87	10.2

Source : OIE

Capacity Utilization of Thai Rubber Products

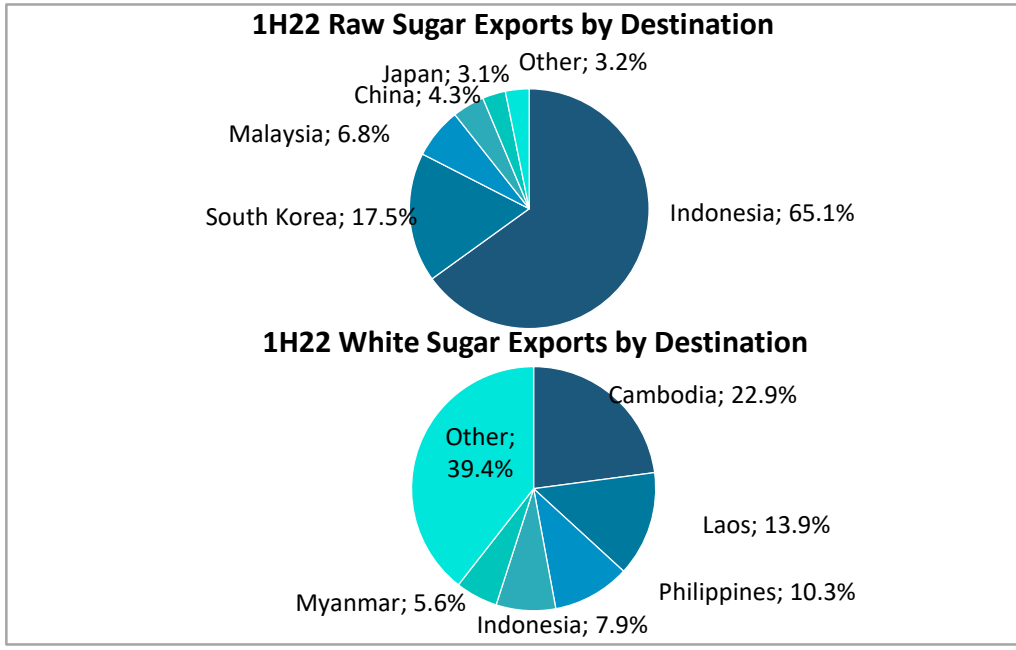
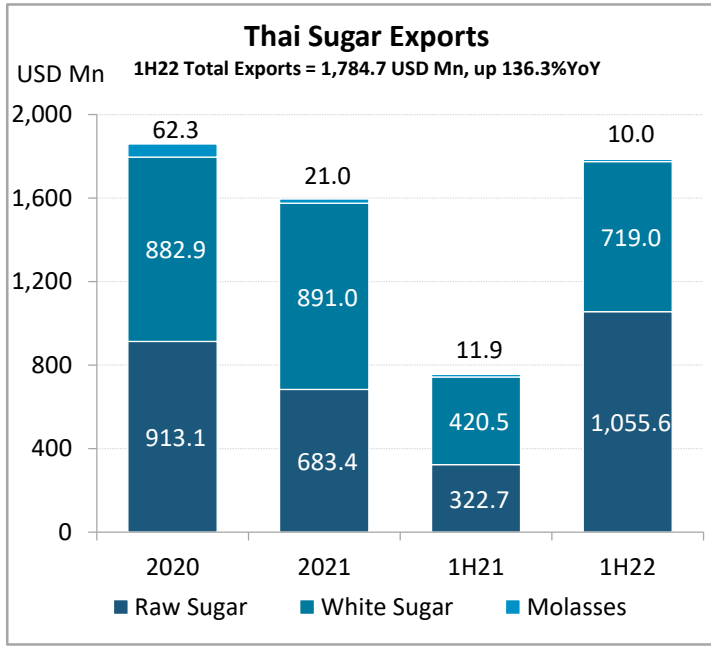
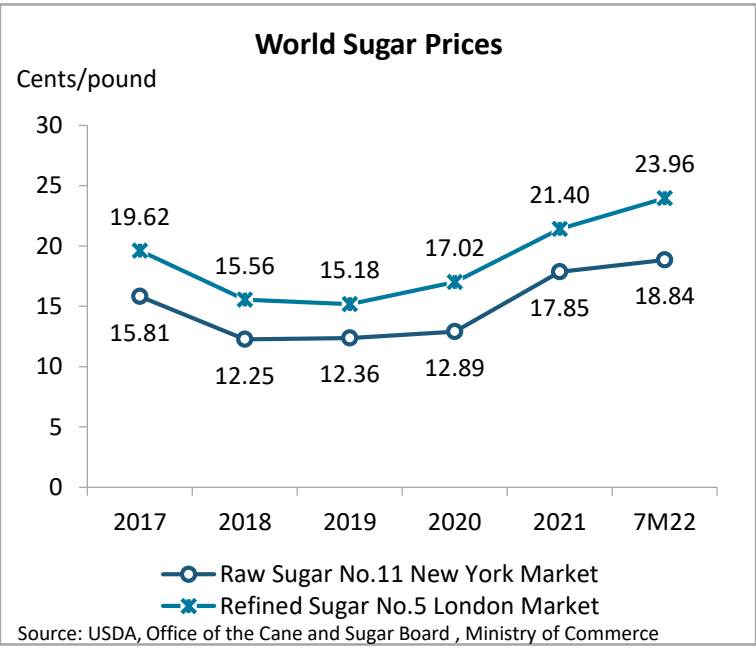
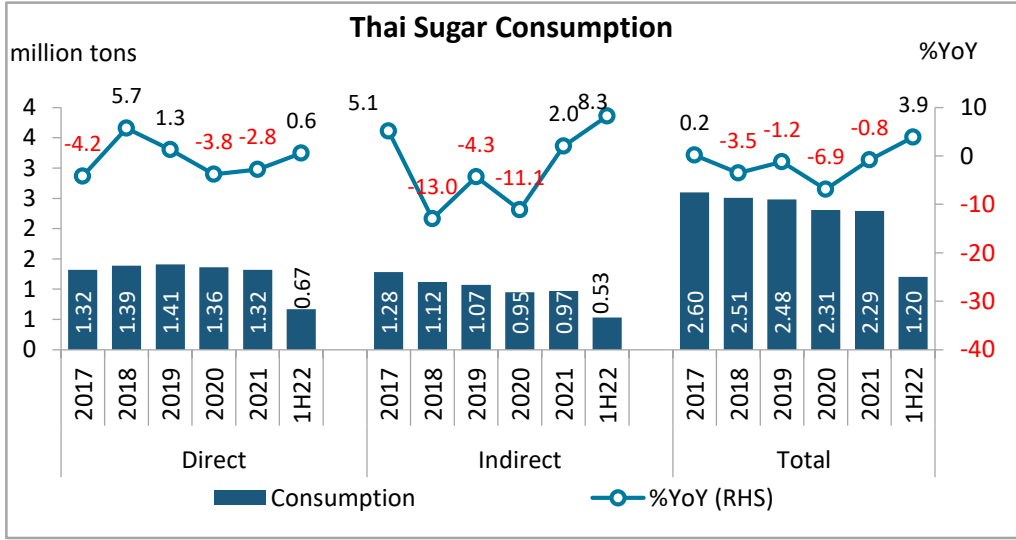
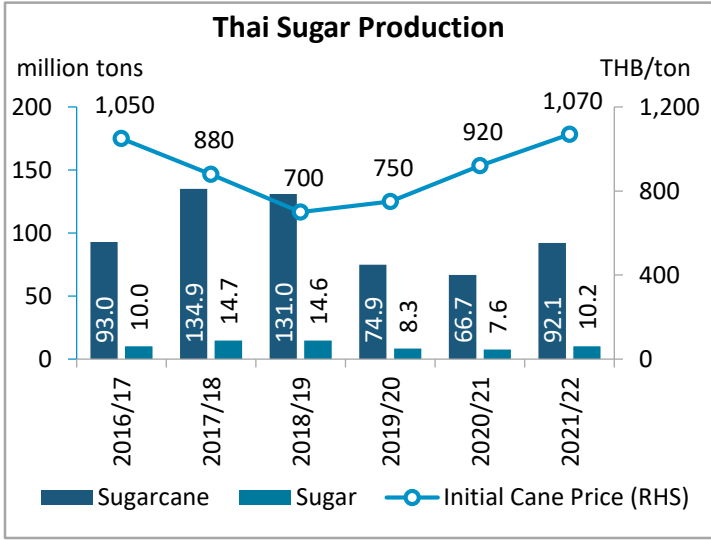
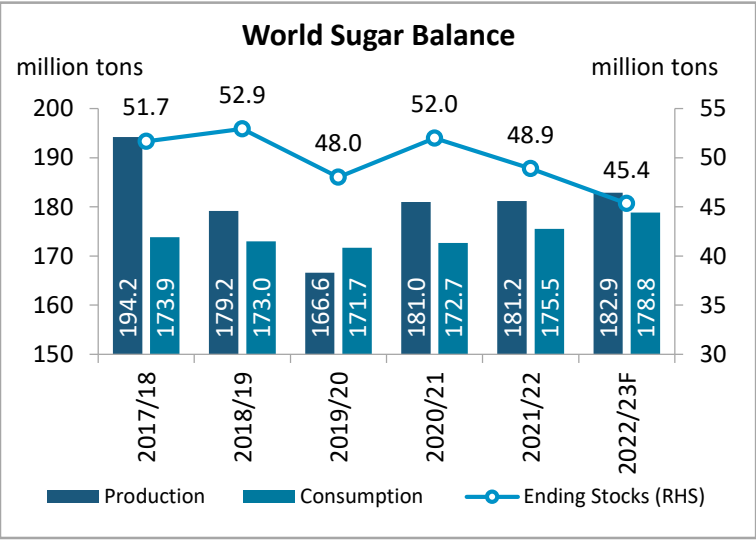
CapU	Tyres	STR	Conc. Latex
2017	72.5	54.7	45.7
2018	71.1	50.4	47.6
2019	72.0	43.4	44.1
2020	68.9	37.1	43.4
2021	76.4	40.8	44.0
6M2022	73.7	41.5	38.9

Source : MOC

Thai Rubber Exports by Products

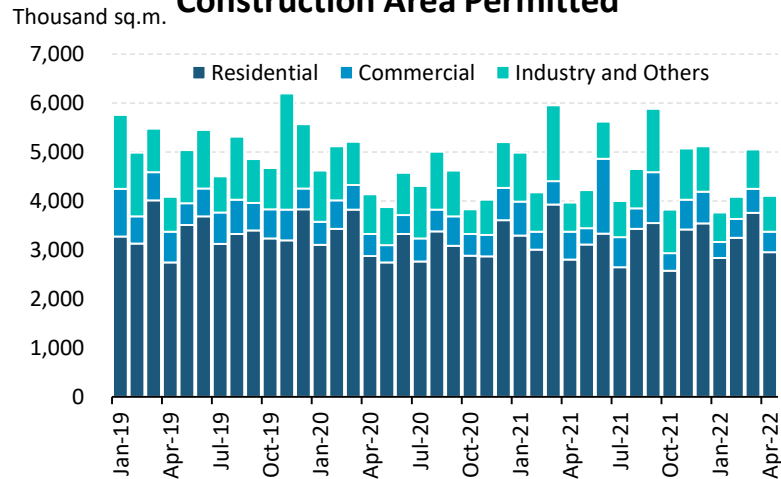
	Rubber	%YoY	RSS	%YoY	STR	%YoY	Conc.Latex	%YoY
2017	6,024.5	35.5	1,439.7	60.8	2,879.9	22.0	1,526.3	34.0
2018	4,602.1	-23.6	902.8	-37.3	2,222.0	-22.8	1,354.1	-11.3
2019	4,142.4	-10.0	760.3	-15.8	2,163.6	-2.6	1,149.3	-15.1
2020	3,524.8	-14.9	649.6	-14.6	1,550.5	-28.3	1,275.2	11.0
2021	5,591.0	58.6	1,094.3	68.5	2,854.5	84.1	1,563.8	22.6
6M2022	2,857.0	4.7	483.8	-12.1	1,516.1	16.0	813.7	-3.6

Sugar (น้ำตาล)



Cement (ปูนซีเมนต์)

Construction Area Permitted

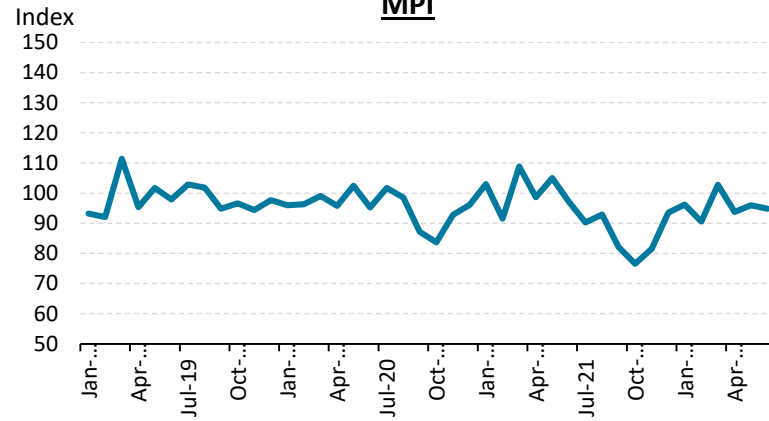


Source: REIC

MPI & Capacity Utilization

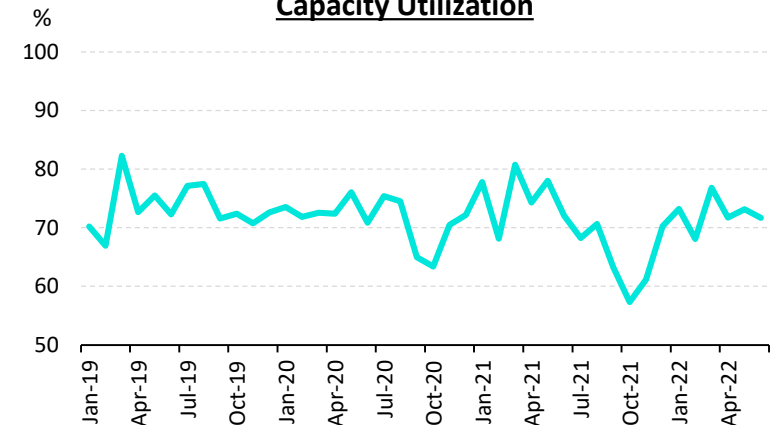
(Cement, White Cement and Clinkers)

MPI

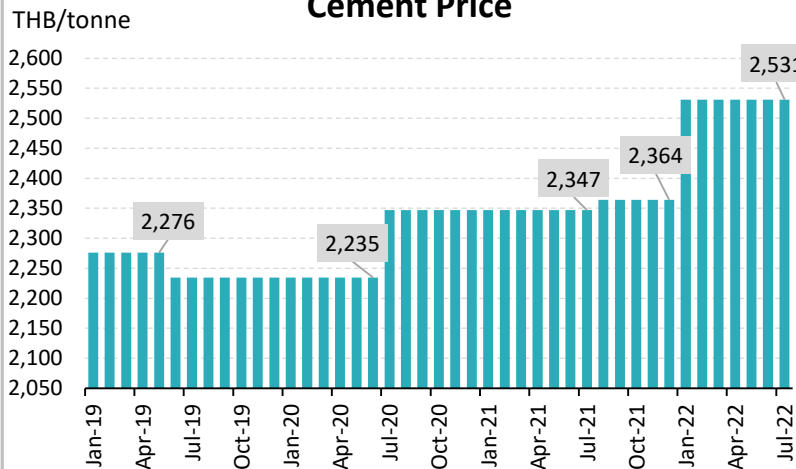


Note: MPI as of the base year (2016=100)
Source: OIE

Capacity Utilization



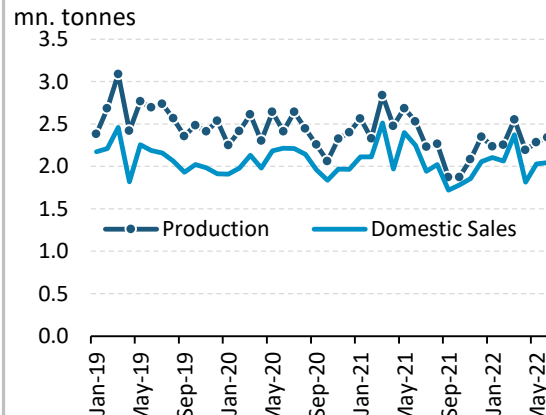
Cement Price



Source: MOC

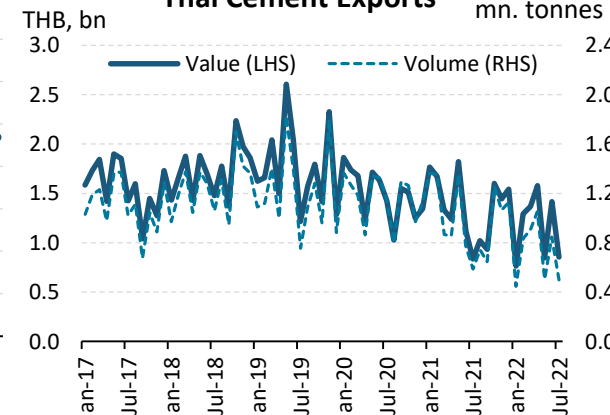
Thai Cement Production, Domestic Sales and Exports

Production & Domestic Sales



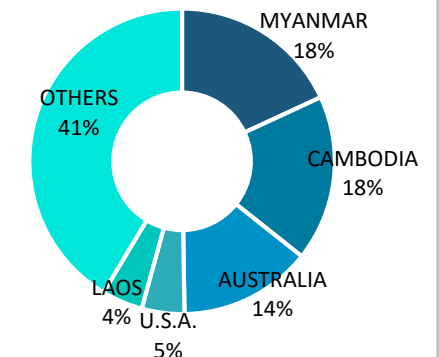
Source: OIE

Thai Cement Exports



Source: MOC

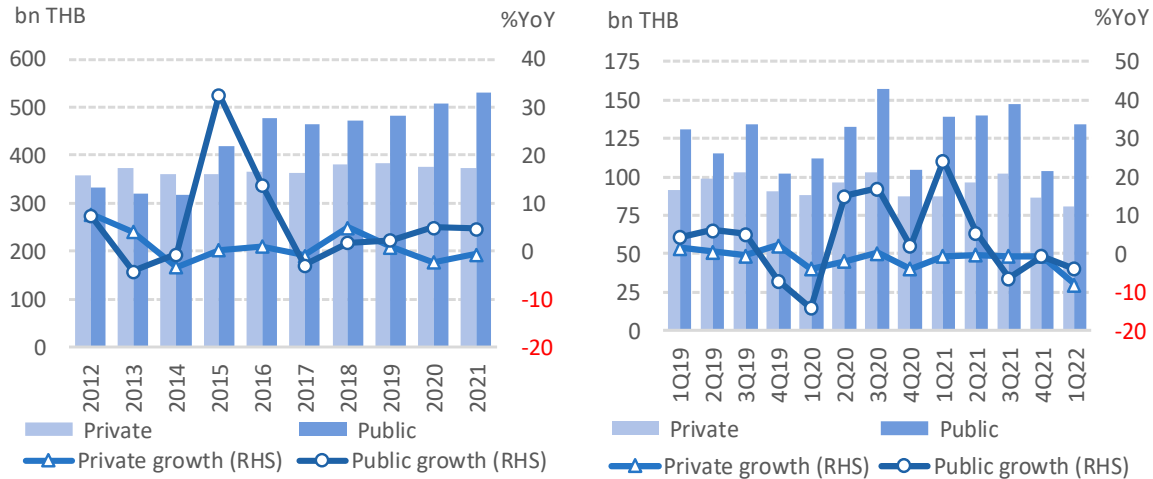
Export Market Shares in 7M22 by Value



Source: MOC

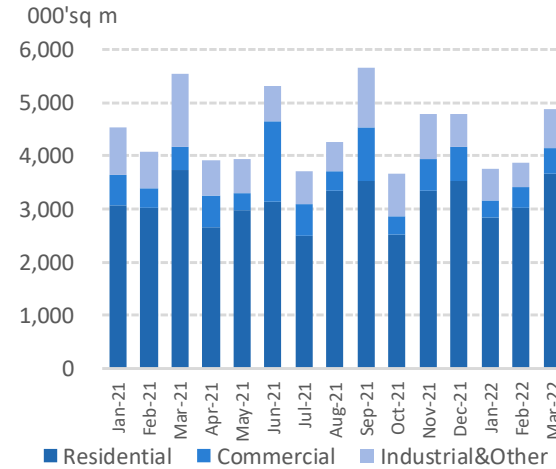
Construction Contractor (รับเหมาก่อสร้าง)

Construction Gross Fixed capital (constant price)



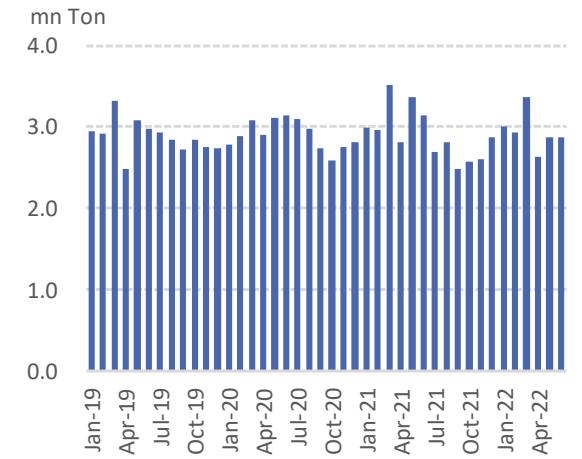
Source: NESDC

Construction areas permitted



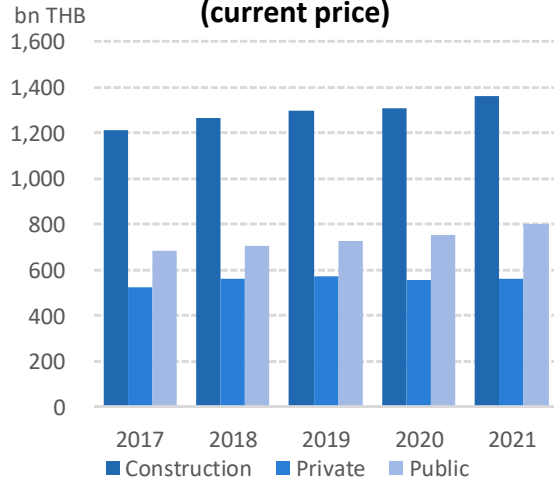
Source: REIC

Domestic Cement Sales



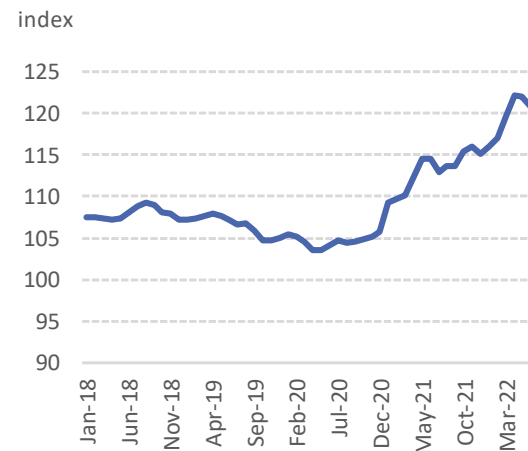
Source: OIE

Construction Gross Fixed capital (current price)



Source: NESDC

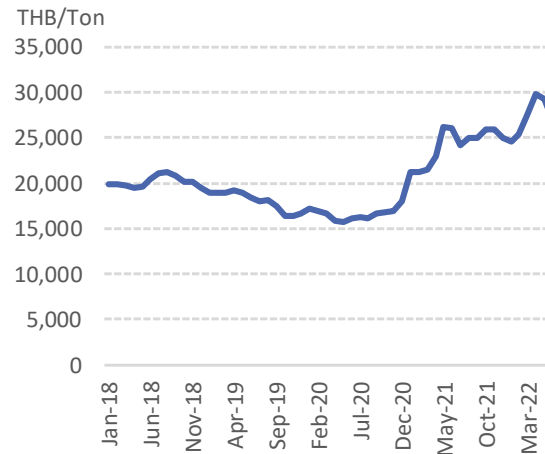
Construction Materials Price Index



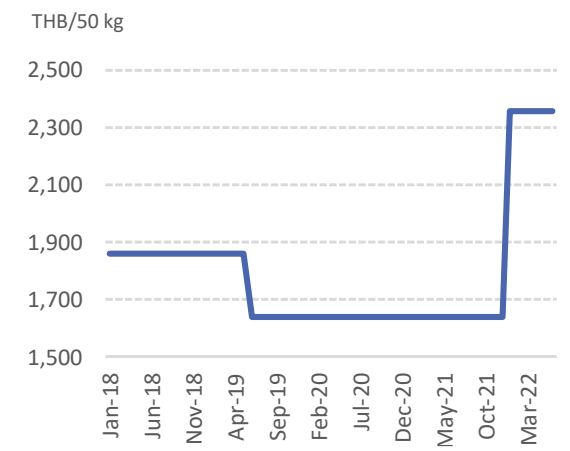
Source: MOC

Construction Material Price

Domestic Steel Price (wire rod 9 mm)

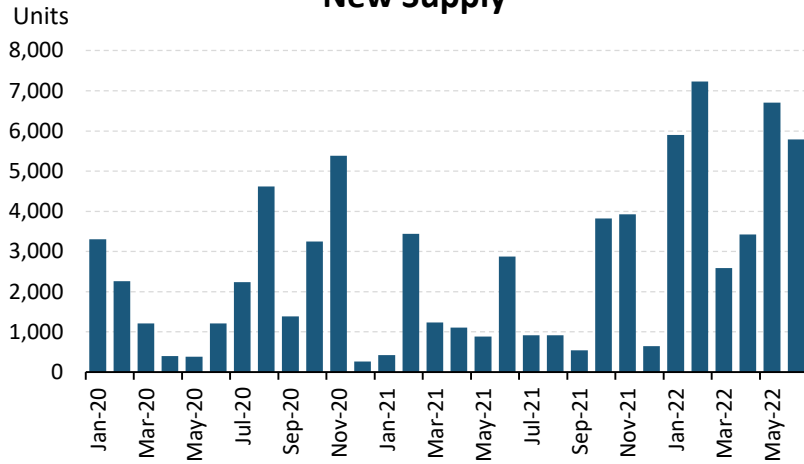


Domestic Cement Price



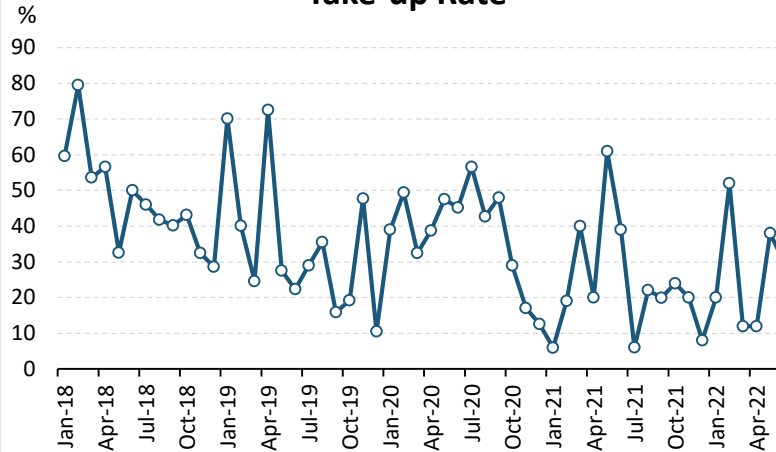
Condominiums in BRM (คอนโดมิเนียม)

New Supply



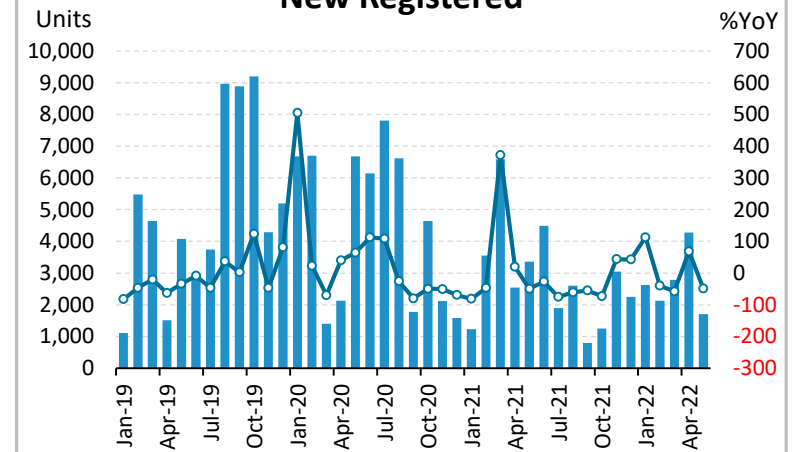
Source: AREA

Take-up Rate



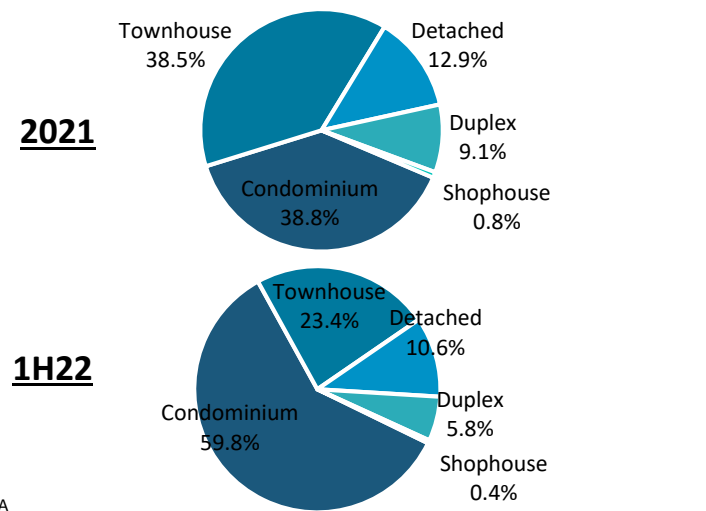
Source: AREA

New Registered



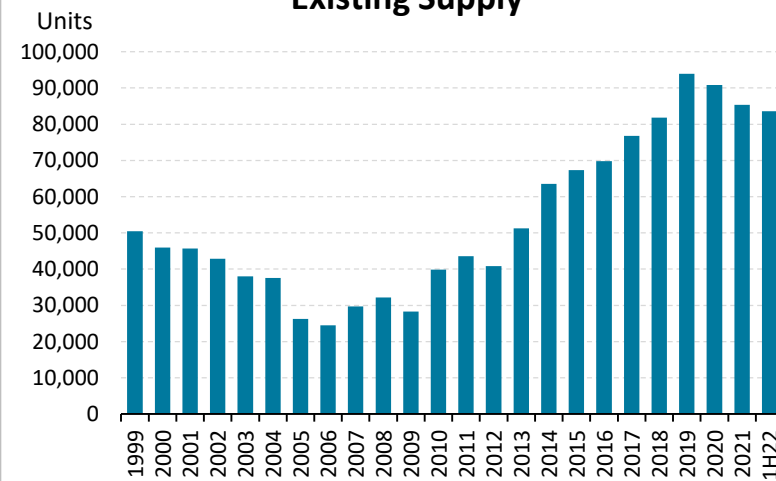
Source: BOT

New Launched Project



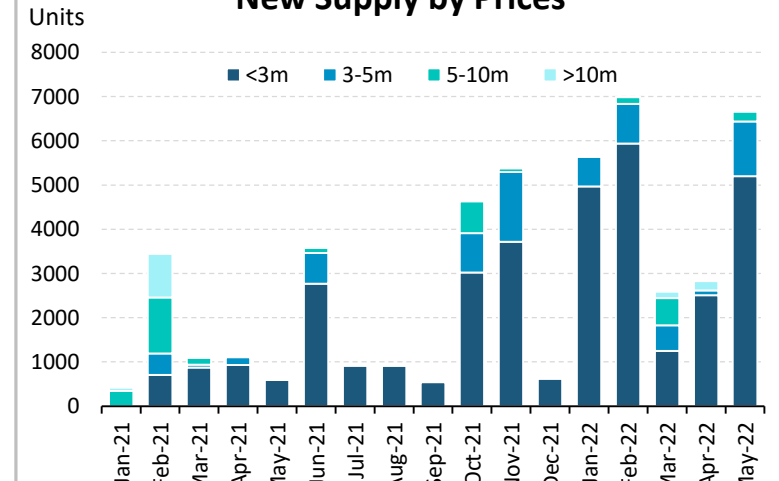
Source: AREA

Existing Supply



Source: AREA

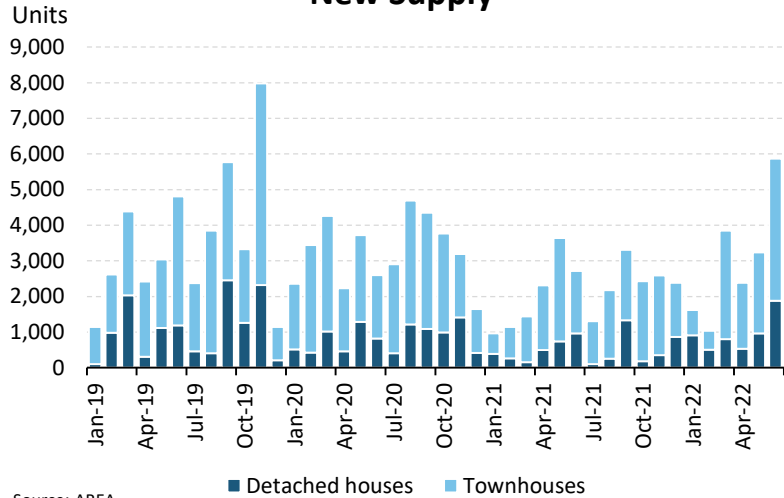
New Supply by Prices



Source: AREA

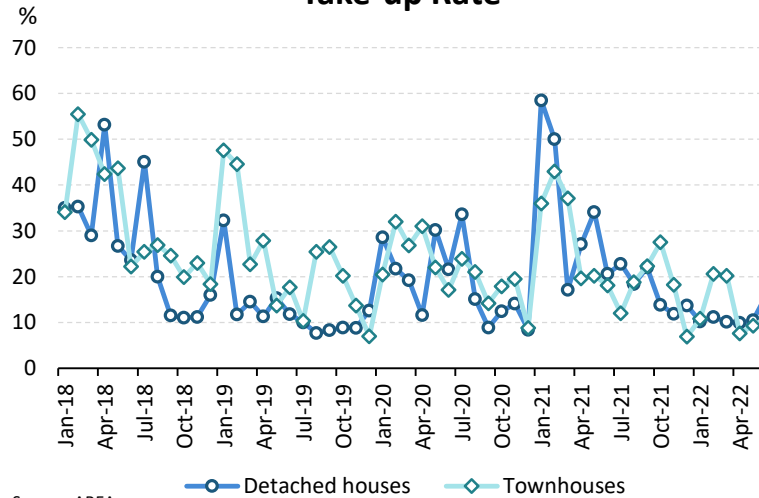
Low-rise Housing in BRM (บ้านจัดสรร)

New Supply



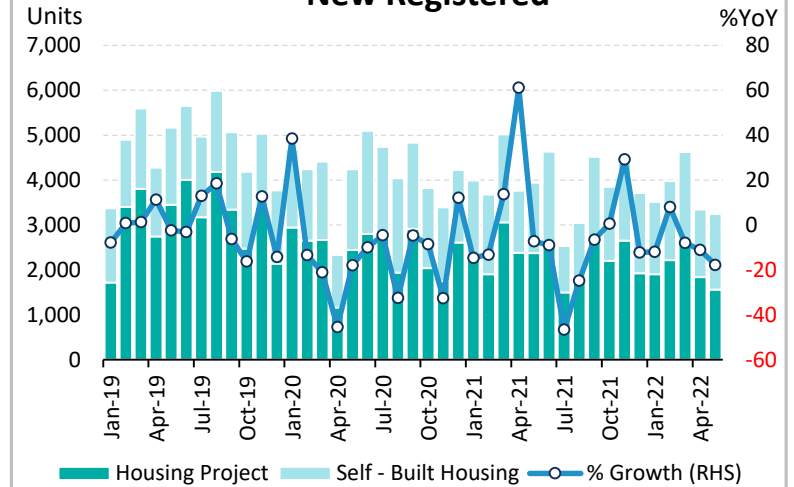
Source: AREA

Take-up Rate



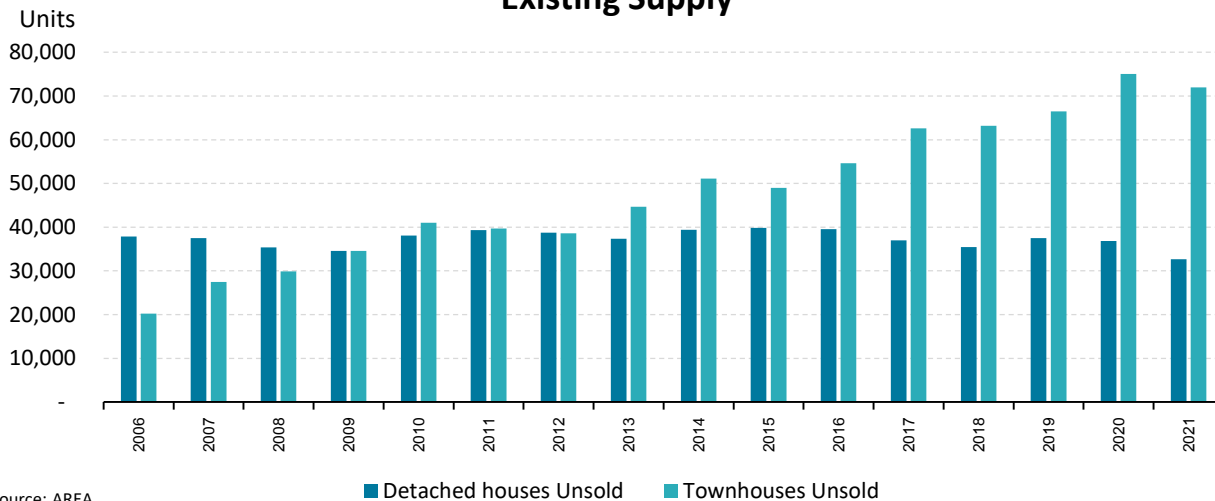
Source: AREA

New Registered



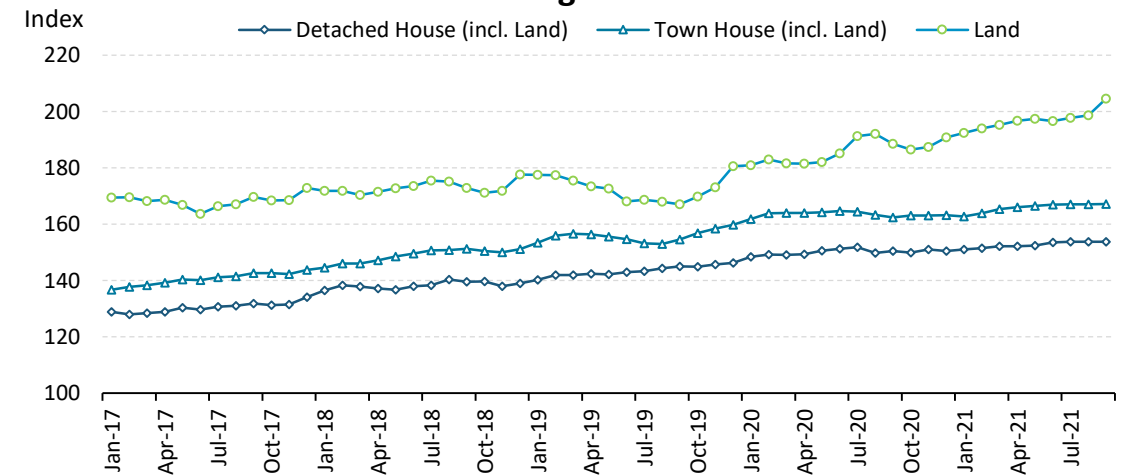
Source: BOT

Existing Supply



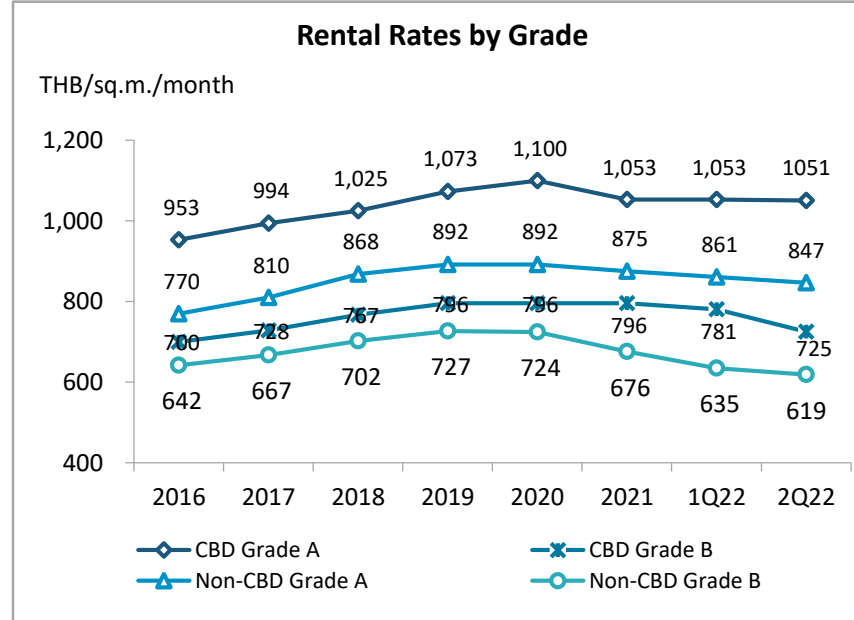
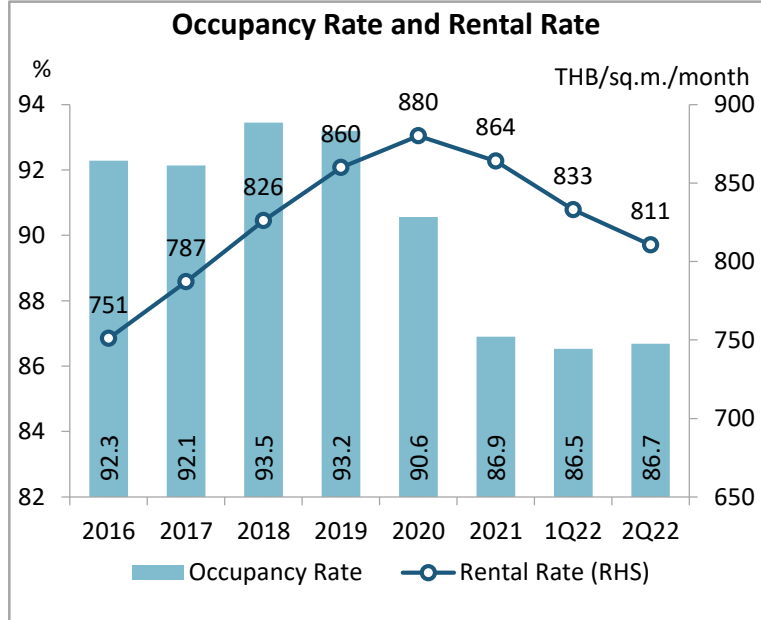
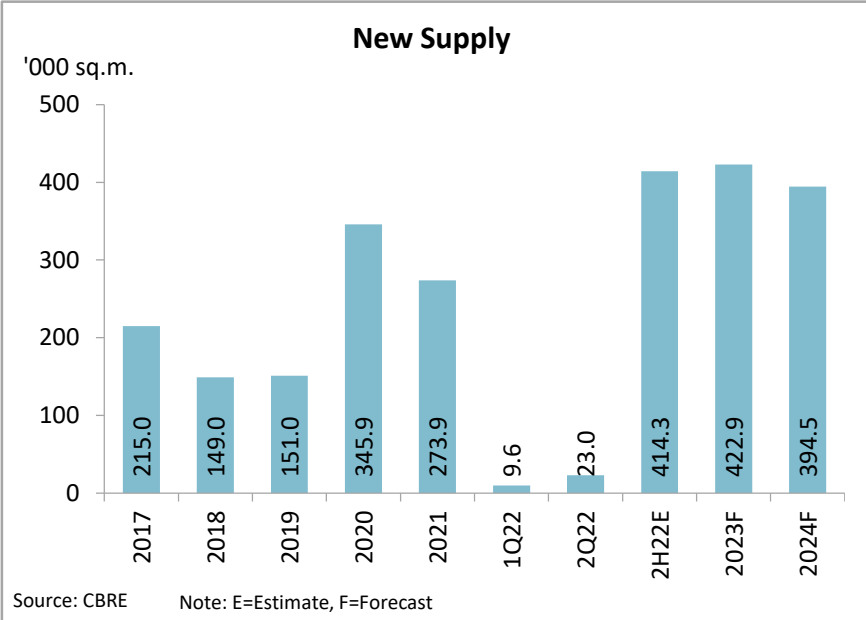
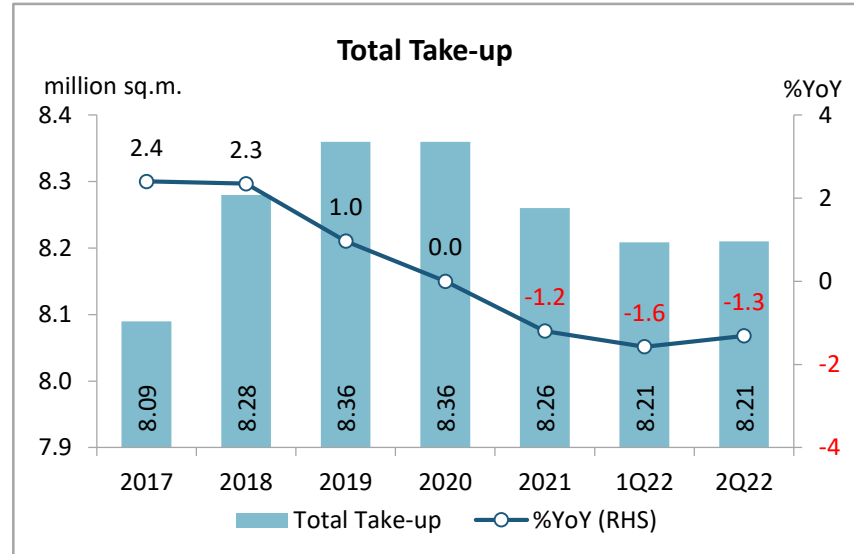
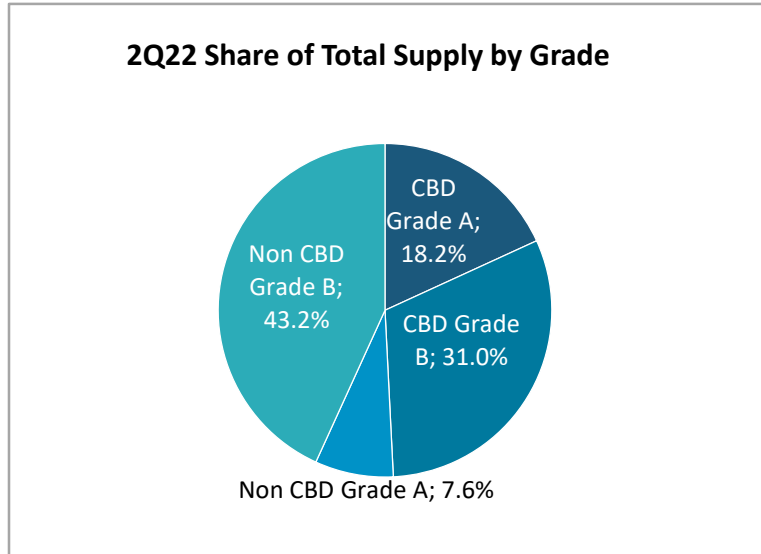
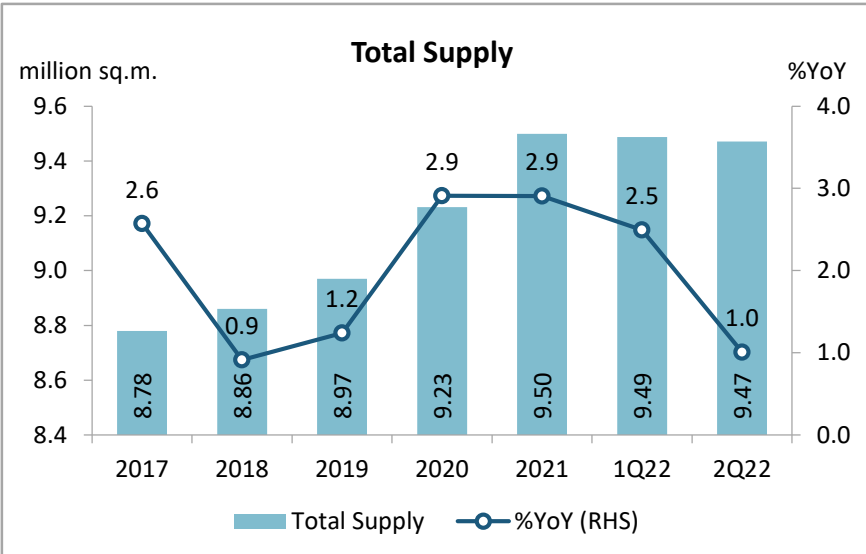
Source: AREA

Housing Price Index

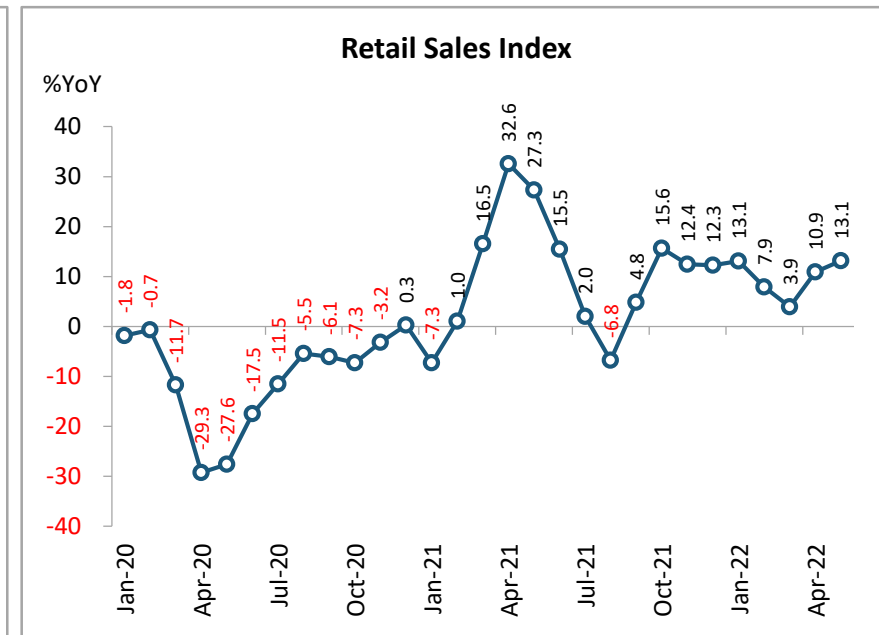
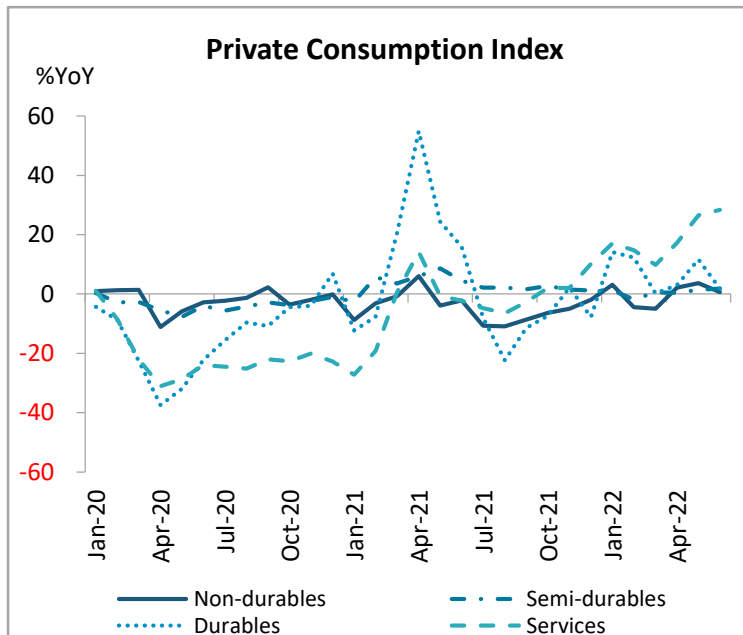
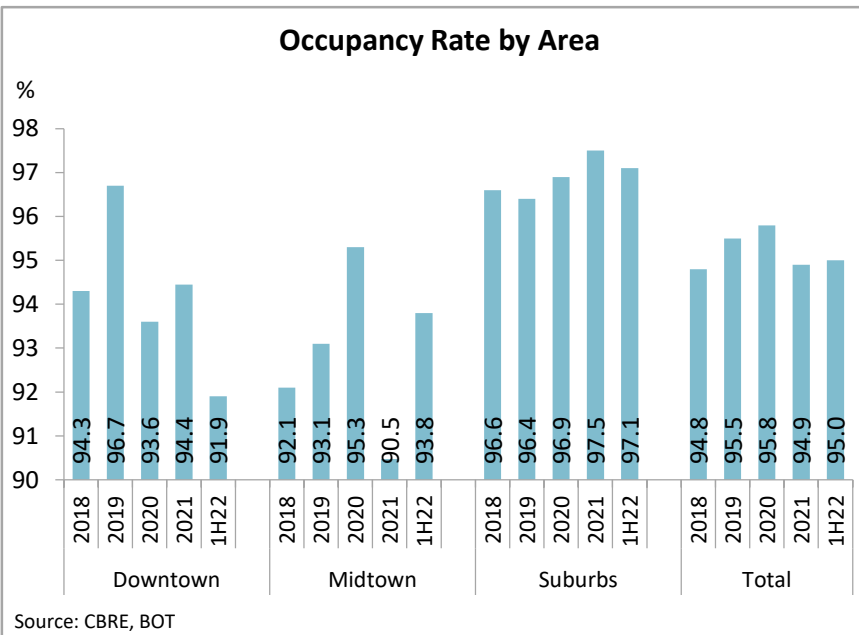
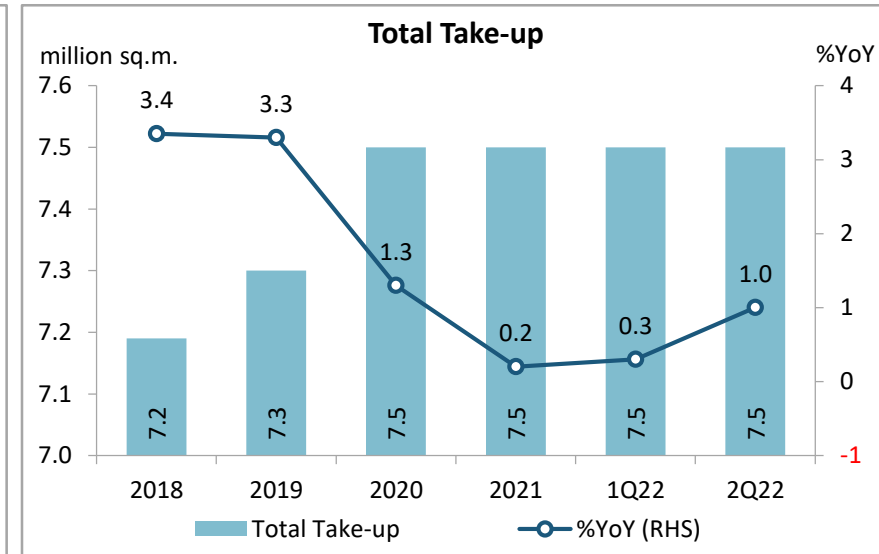
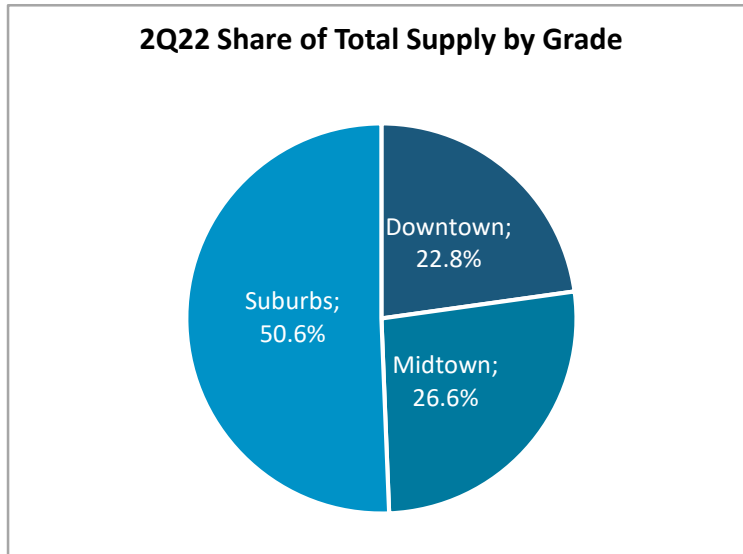
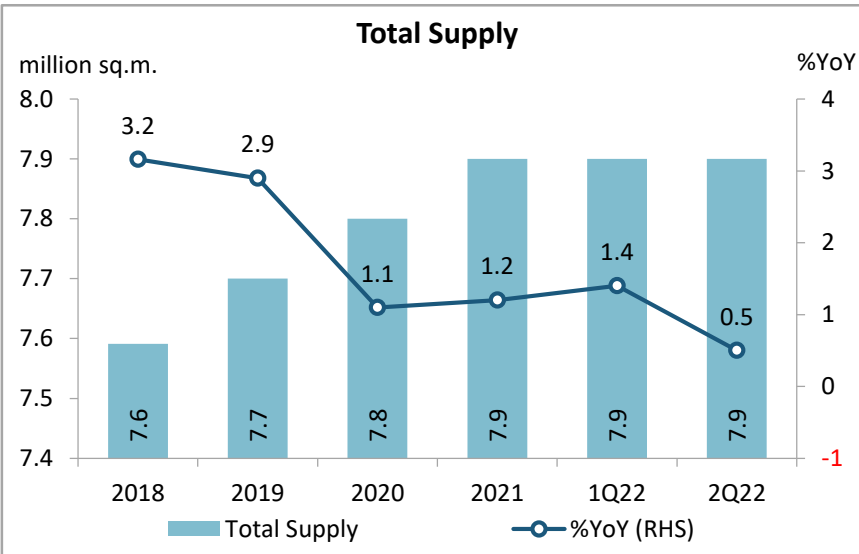


Note: based year 2009 = 100
Source: BOT

Office Building in BMR (อาคารสำนักงานให้เช่า)



Retail Space in BMR (พื้นที่ค้าปลีก)

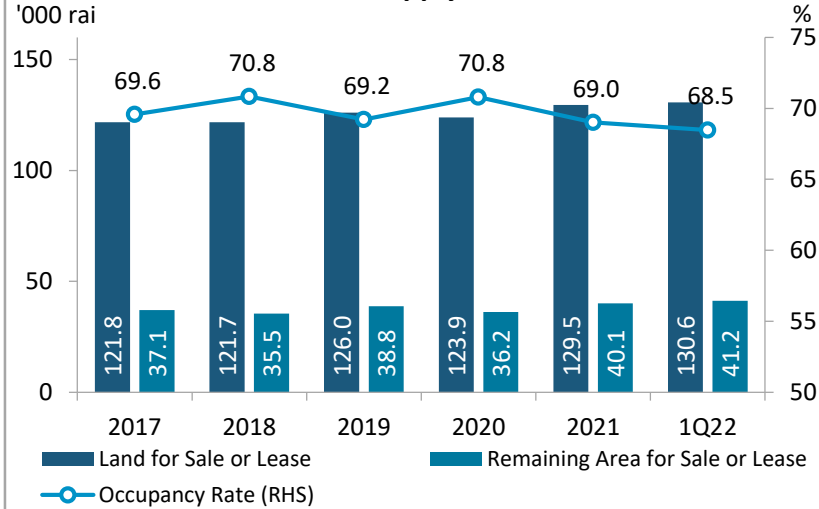


Source: CBRE, BOT

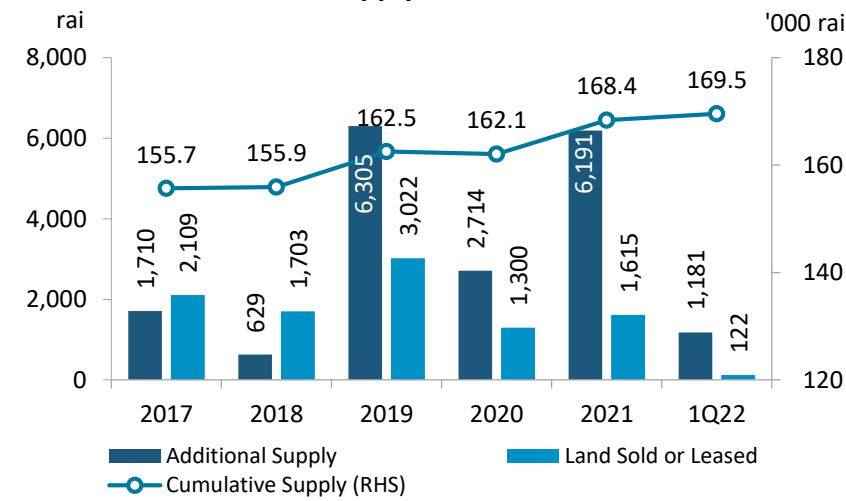
Source: LH Business Research analysis

Industrial Estate (นิคมอุตสาหกรรม)

Supply



Additional Supply/Land Sold or Leased



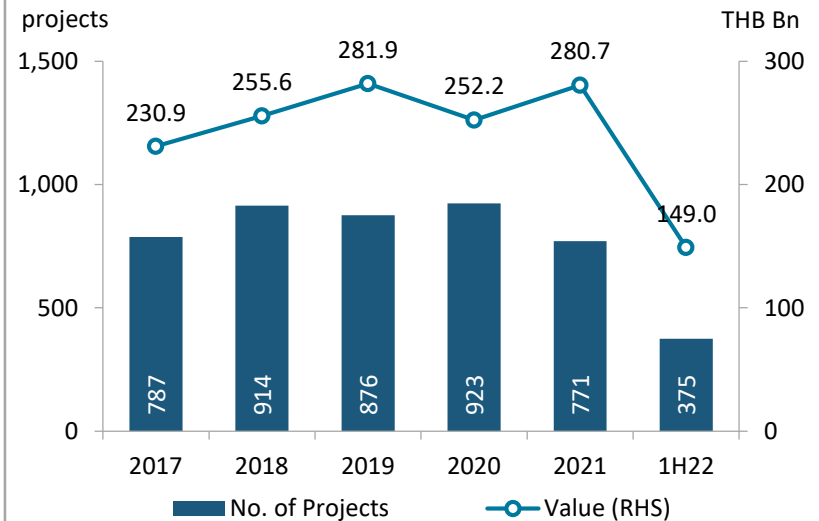
Additional Supply (rai)

Year	BKK& Vicinity	North	Central	East	NE	West	Total
2020	-	-	1,392	1,322	-	-	2,714
2021	-	-	-	6,191	-	-	6,191
1Q22	-	-	-	1,181	-	-	1,181

Land Sold or Leased (rai)

Year	BKK& Vicinity	North	Central	East	NE	West	Total
2020	42	202	11	1,041	-	4	1,300
2021	117	-	113	1,325	60	-	1,615
1Q22	30	17	-	72	-	3	122

Foreign Investment Approved by BOI



Foreign Investment Projects Classified by Sector

Unit: THB Bn	2020		2021		1H22	
	No. of Projects	Value	No. of Projects	Value	No. of Projects	Value
Agricultural Products	57	8.2	72	24.9	30	9.2
Minerals and Ceramics	32	21.9	14	5.7	6	11.1
Light Industry/Textiles	64	8.1	57	43.1	20	27.9
Metal Products and Machinery	234	77.9	179	45.1	76	45.7
Electrical and Electronic Products	233	55.2	186	67.8	92	34.0
Chemicals and Paper	57	17.1	64	59.4	23	6.6
Services	245	63.5	199	34.7	128	14.5
Technology and Innovation Development	1	0.4	0	0	0	0
Total	923	252.2	771	280.7	375	149.0

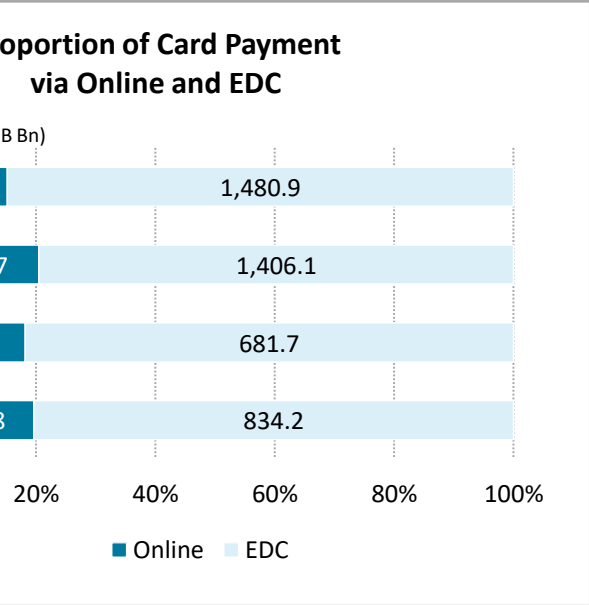
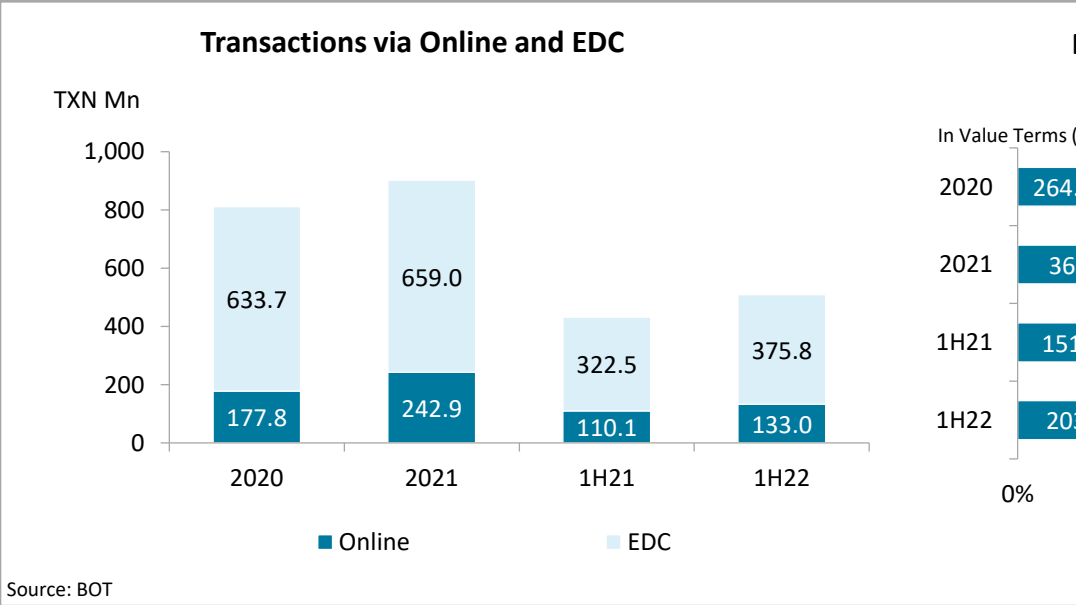
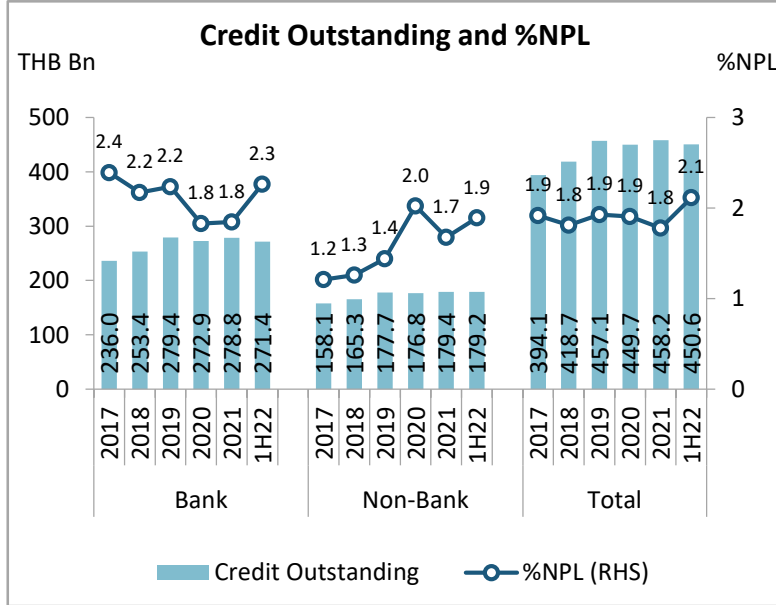
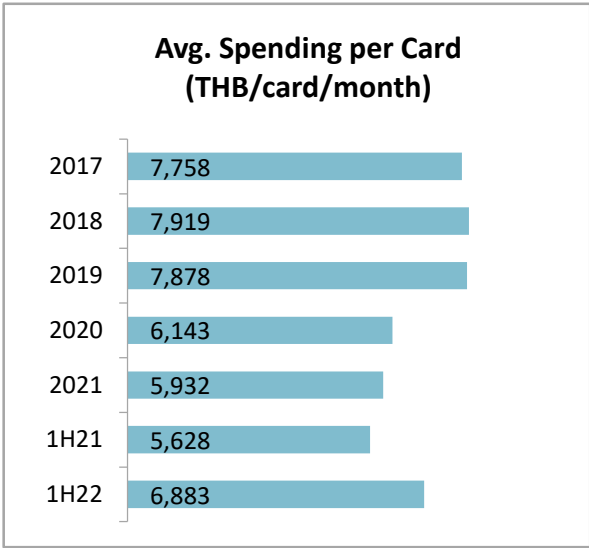
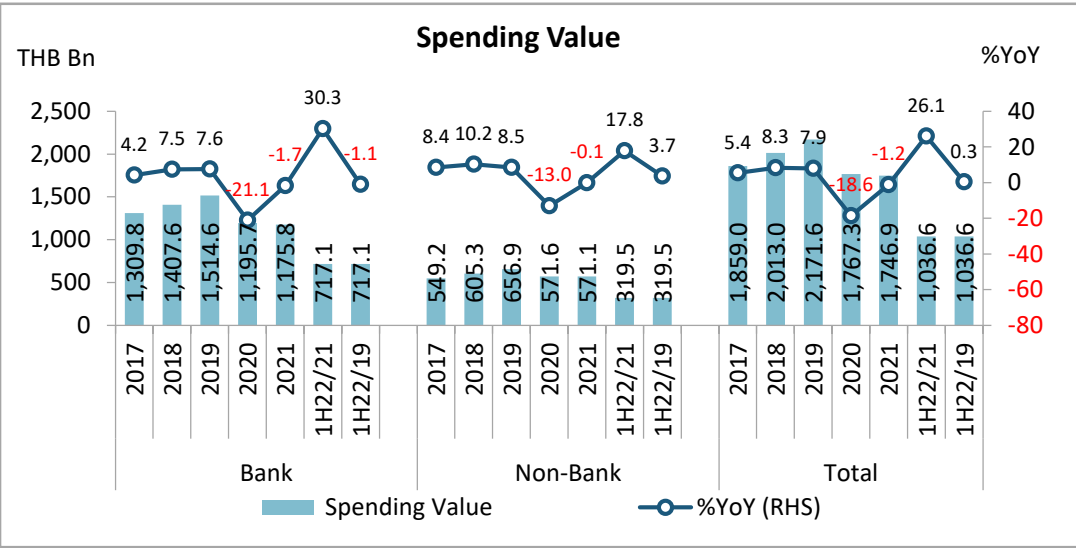
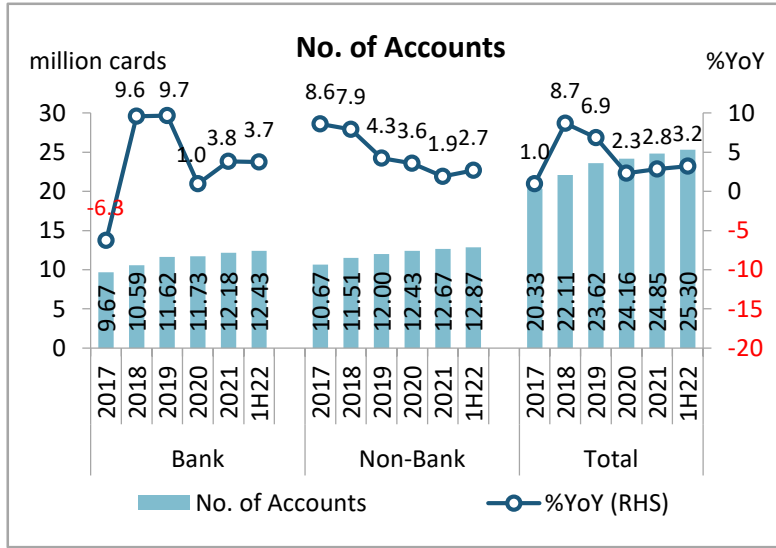
1H22 Top 10 Foreign Investment Approved by BOI

Ranking	Country	No. of Projects	Value (THB Bn)
1	Taiwan	22	43.7
2	Japan	95	33.0
3	China	48	24.6
4	Austria	2	14.8
5	Singapore	60	6.7
6	Australia	13	4.0
7	Germany	14	3.4
8	The US	17	3.4
9	South Korea	9	2.7
10	Hong Kong	35	2.2

Source: Real Estate Information Center, The Board of Investment of Thailand

Source: LH Business Research analysis

Credit Card (บัตรเครดิต)

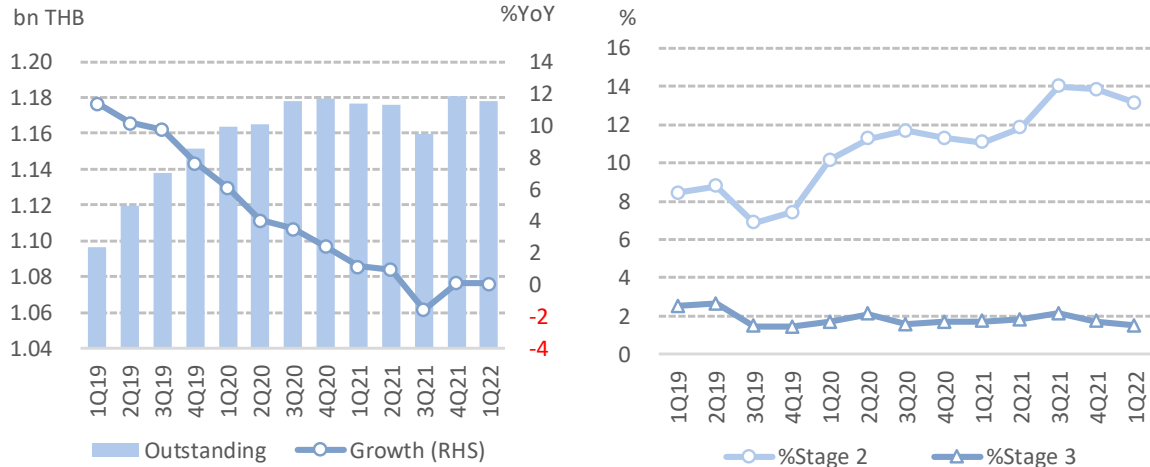


Source: BOT

Note: EDC stands for Electronic Data Capture.

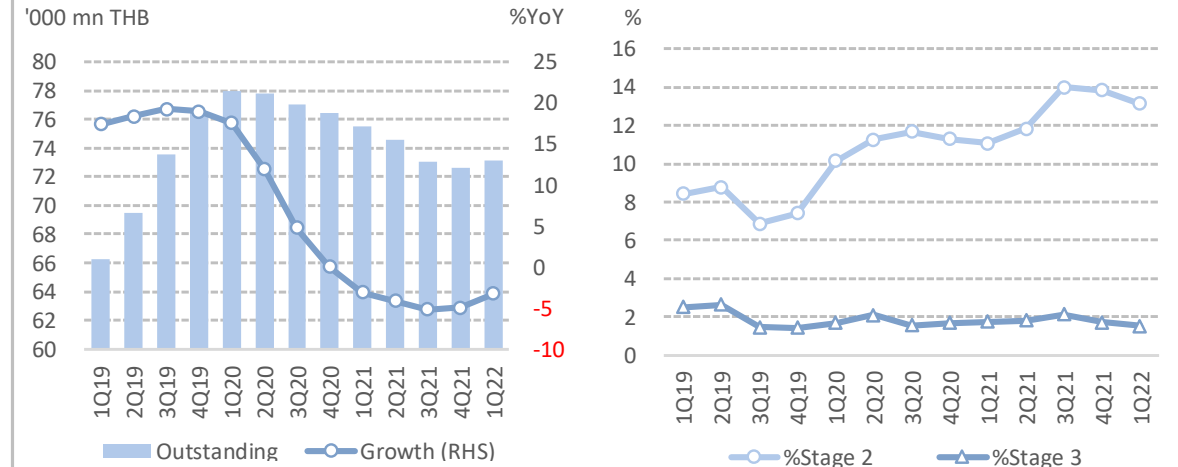
Auto Hire-Purchase (เช่าซื้อรถยนต์)

Hire-Purchase Loan Outstanding & Quality



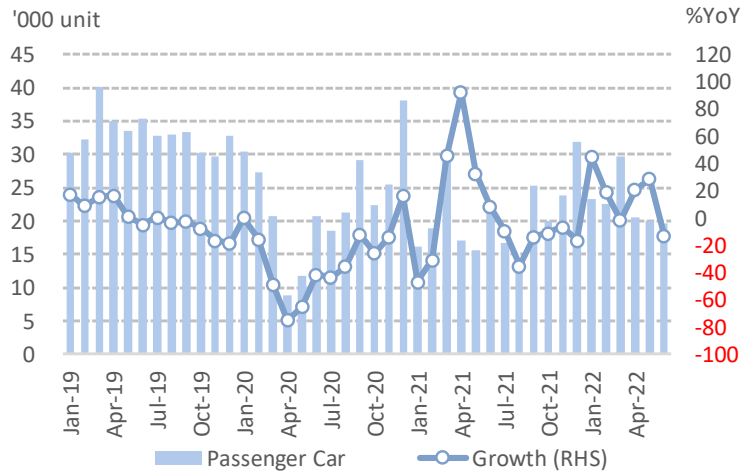
Source: BOT

Title Loan Outstanding & Quality



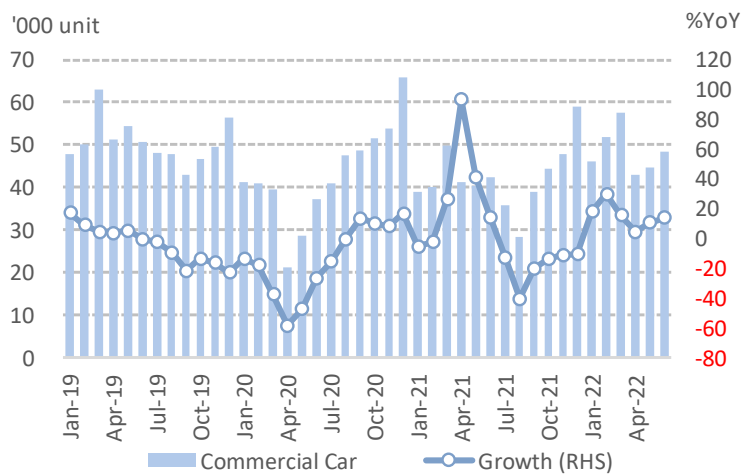
Source: BOT

Passenger Car sales



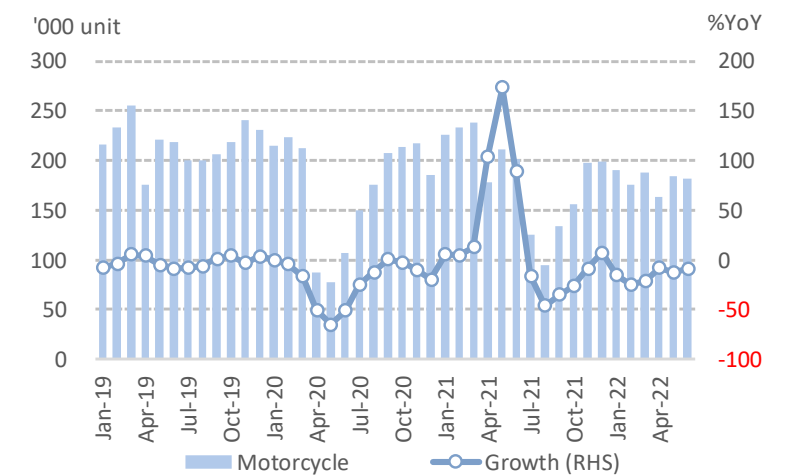
Source: TOYOTA

Commercial Car sales



Source: TOYOTA

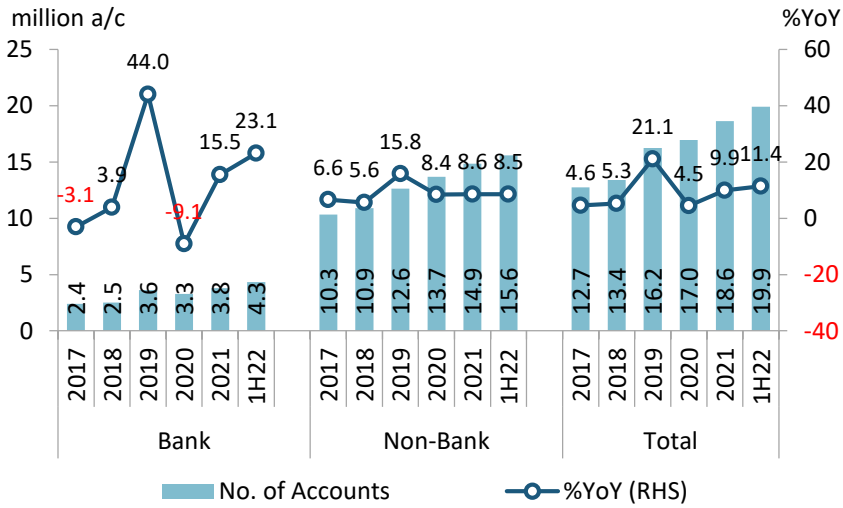
Motorcycle sales



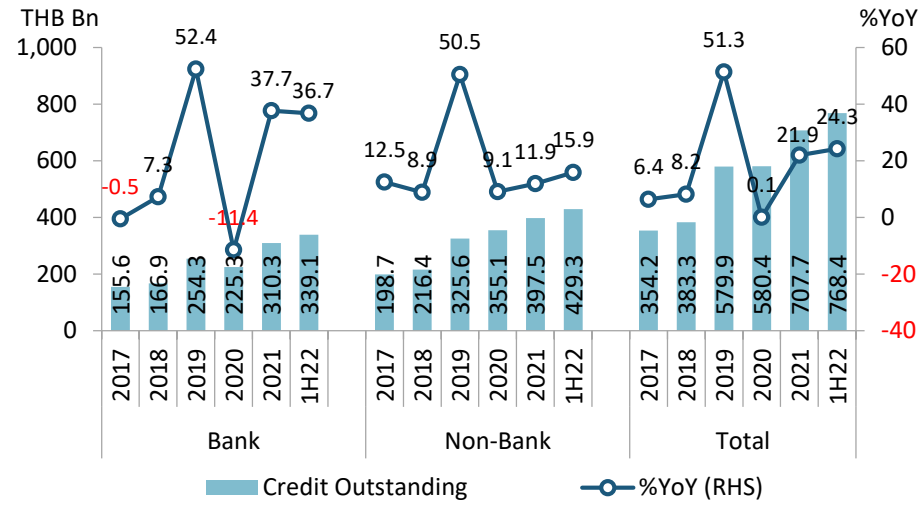
Source: OIE

Personal Loan (สินเชื่อส่วนบุคคล)

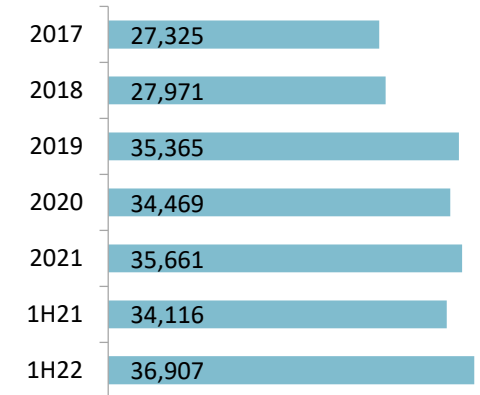
No. of Accounts



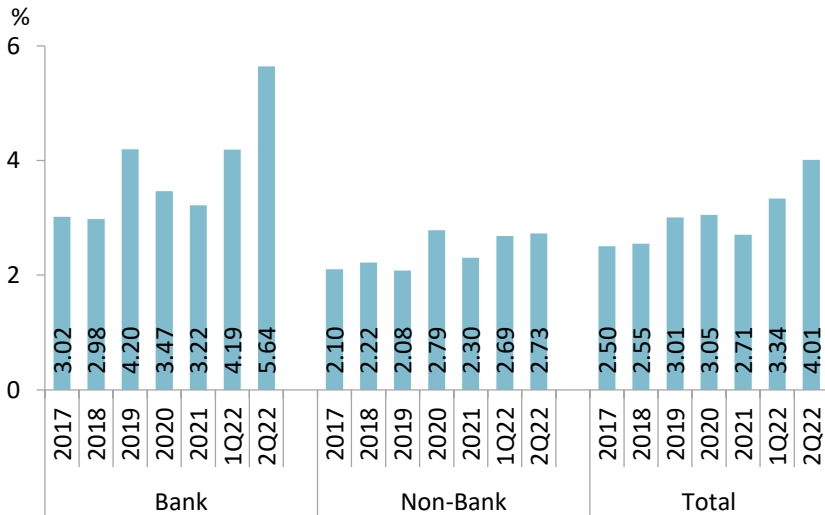
Credit Outstanding



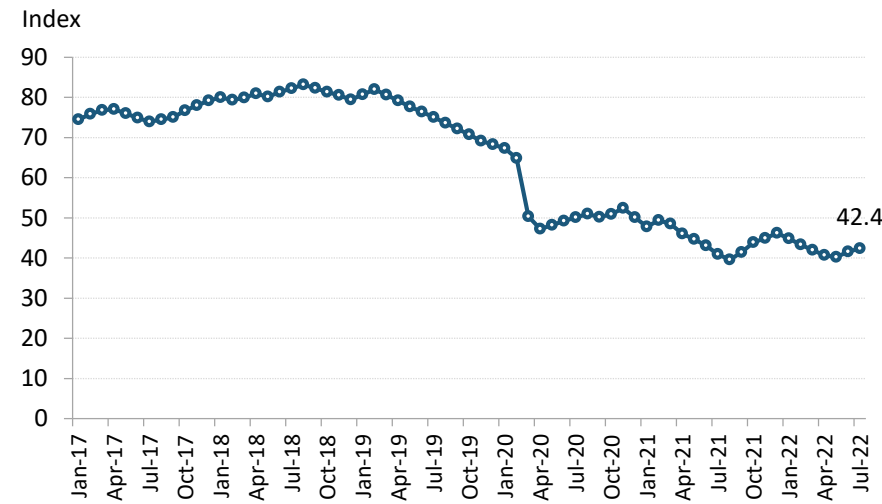
Outstanding per Account (THB/account/month)



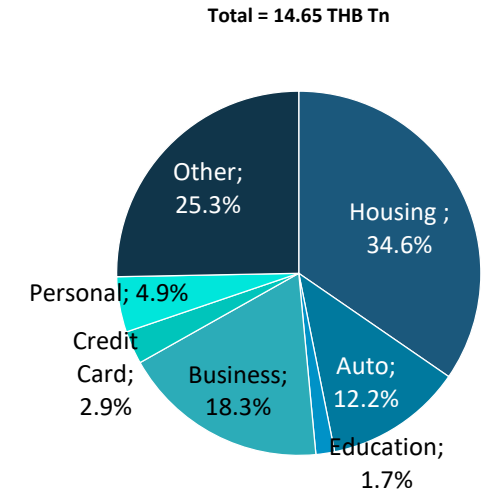
%NPL



Consumer Confidence Index



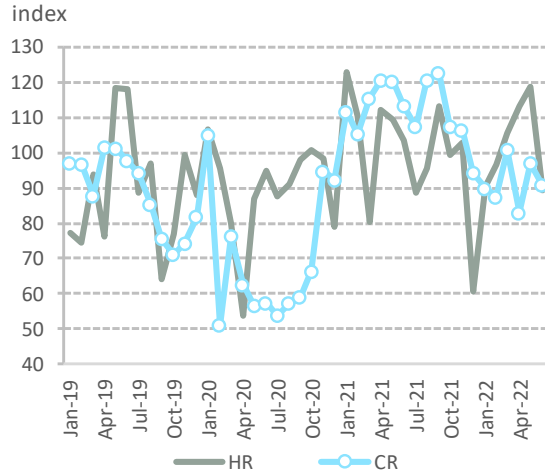
1Q22 Household Debt



Source: BOT, Center for Economics and Business Forecasting; University of the Thai Chamber of Commerce

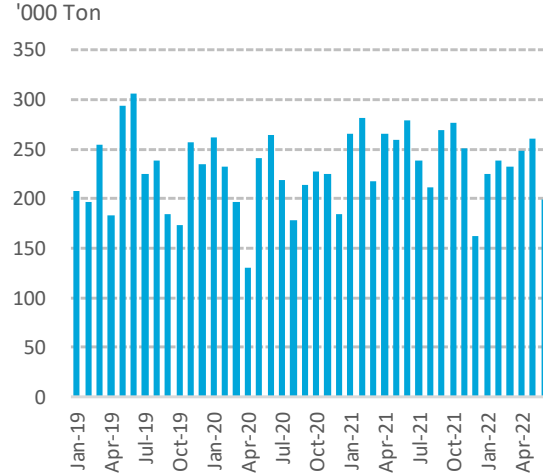
Hot & Cold Rolled Steel Sheet (เหล็กแผ่นรีดร้อนรีดเย็น)

HR & CR Steel MPI



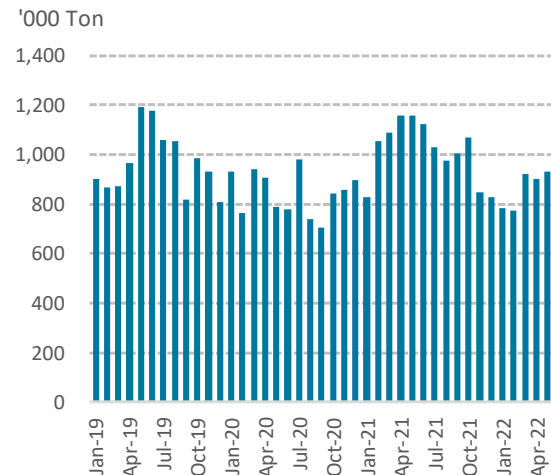
Source: OIE

HR & CR Production

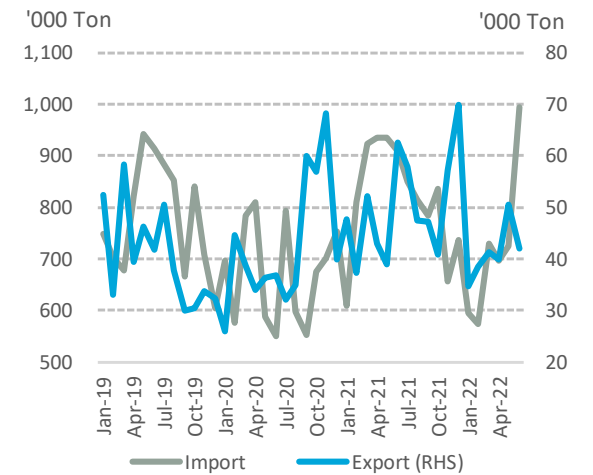


Source: IRON AND STEEL INSTITUTE OF THAILAND

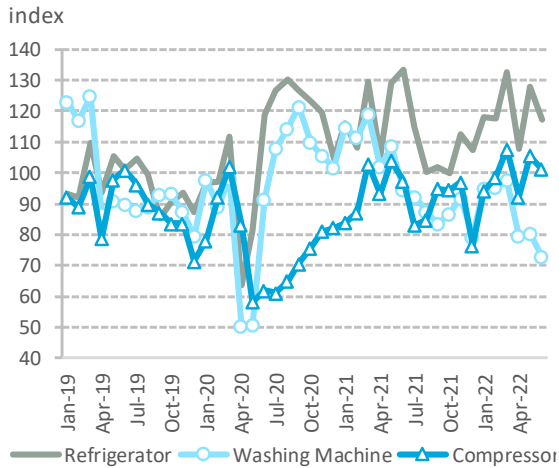
HR & CR Domestic Demand



HR & CR Import and Export

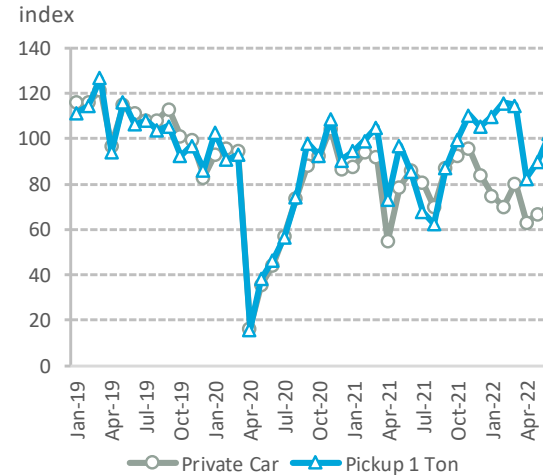


Electrical Appliance MPI



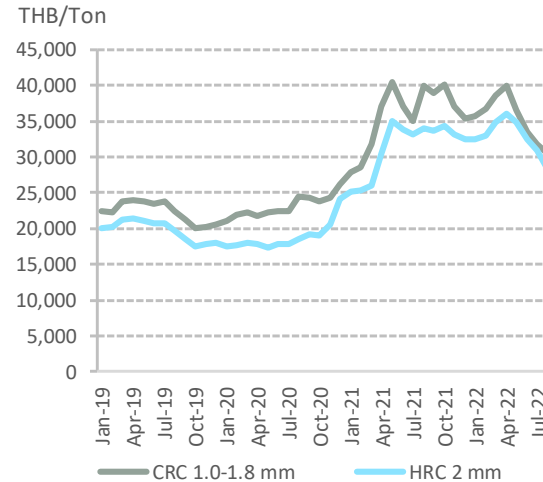
Source: OIE

Automobile MPI



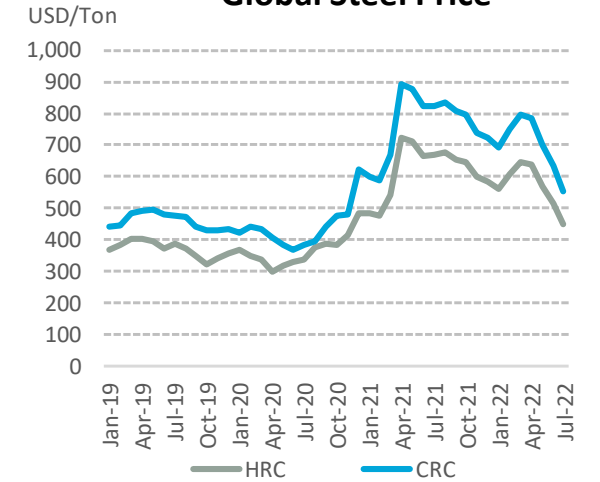
Source: OIE

Domestic Steel Price



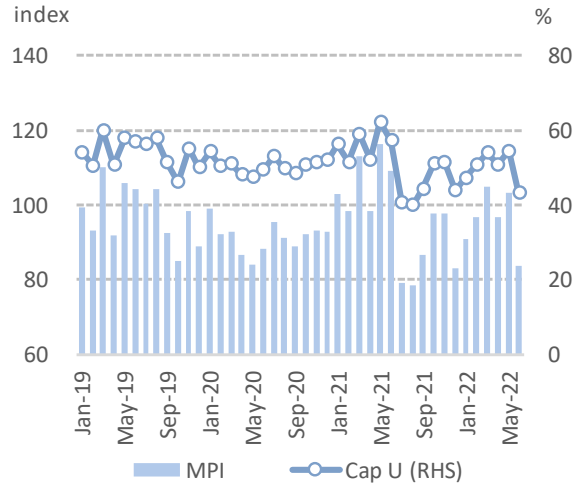
Source: IRON AND STEEL INSTITUTE OF THAILAND

Global Steel Price



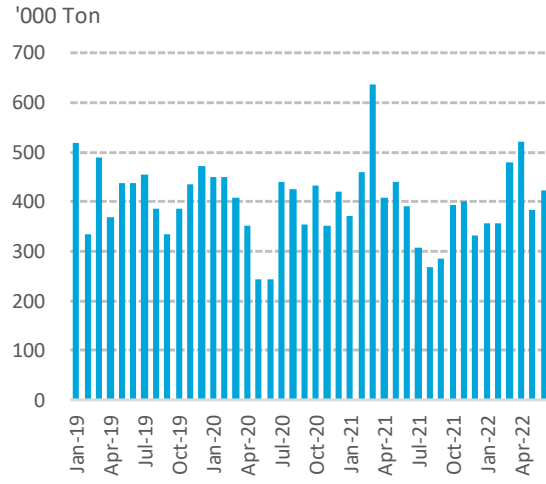
Long Product Steel (เหล็กทรงยาว)

MPI & Capacity Utilization



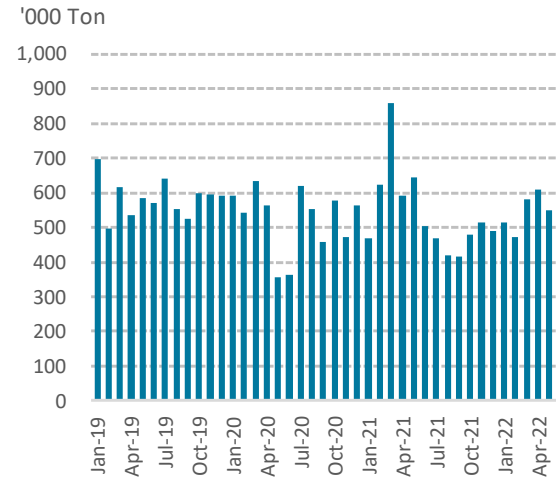
Source: OIE

Production

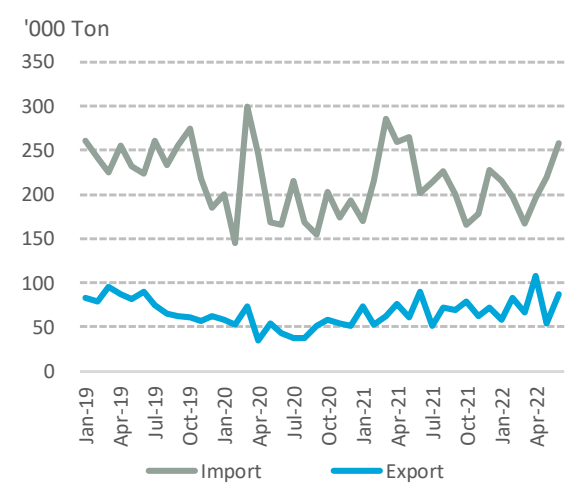


Source: IRON AND STEEL INSTITUTE OF THAILAND

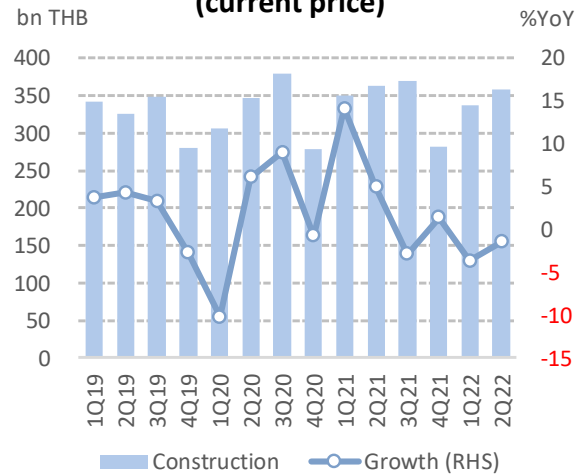
Domestic Demand



Import and Export

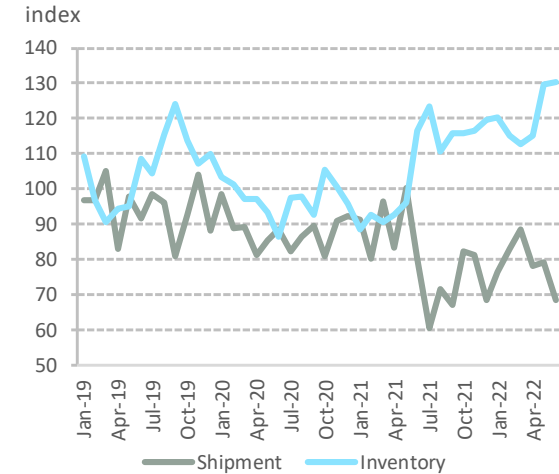


Construction Gross Fixed Capital (current price)



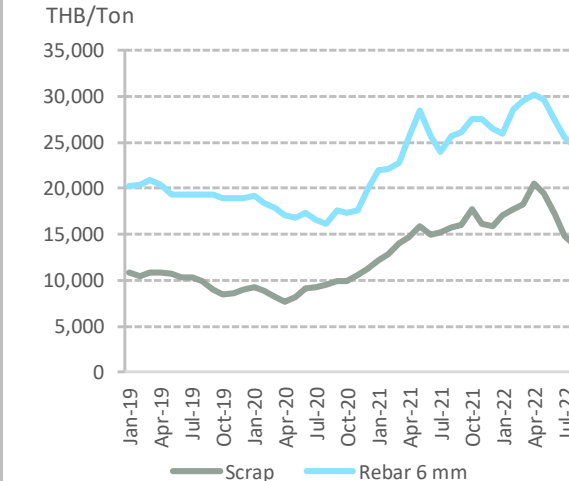
Source: NESDC

Shipment & Inventory index



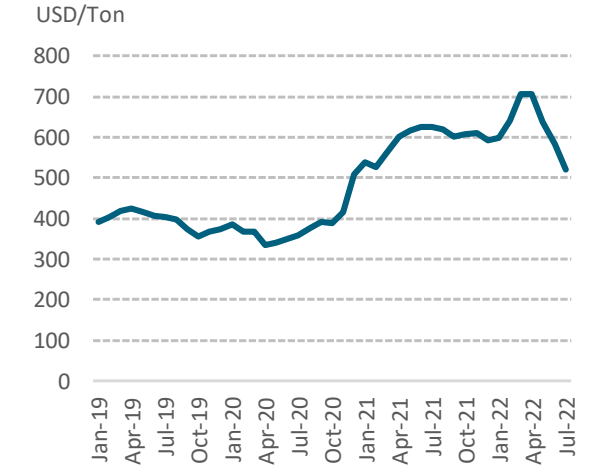
Source: OIE

Domestic Price



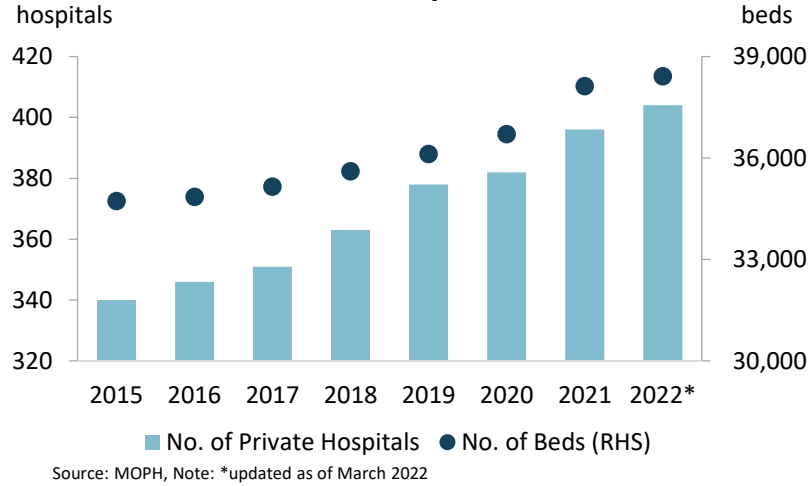
Source: IRON AND STEEL INSTITUTE OF THAILAND

Global Steel Price (Rebar)

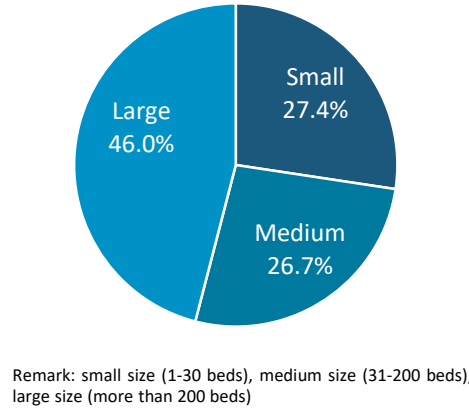


Private Hospitals (โรงพยาบาลเอกชน)

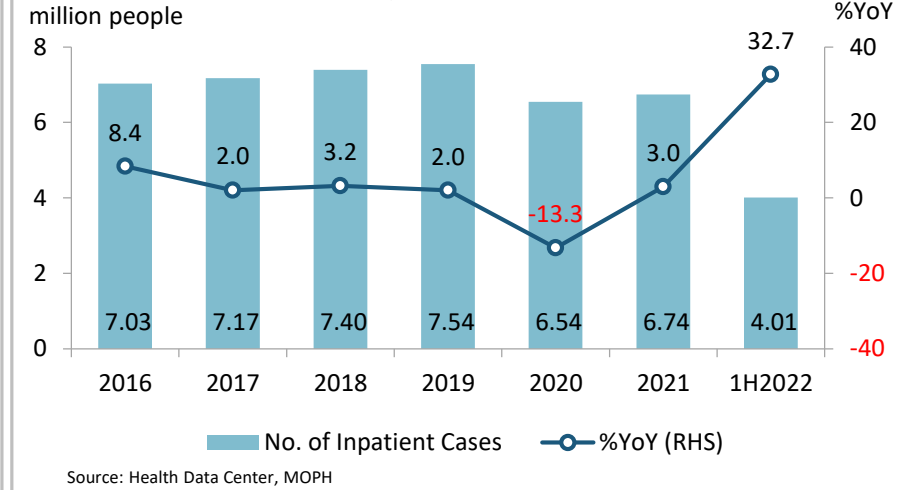
No. of Private Hospitals and Beds



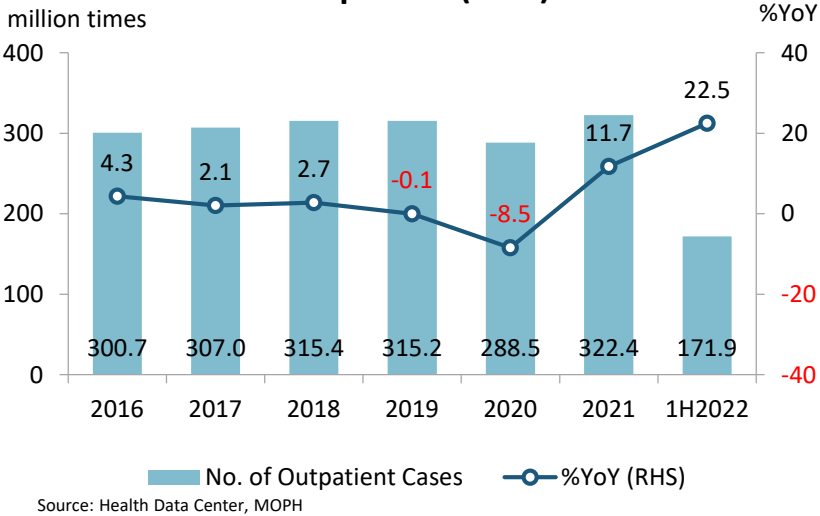
Share of Private Hospitals by Size (2022)



No. of Inpatient (IPD) Cases

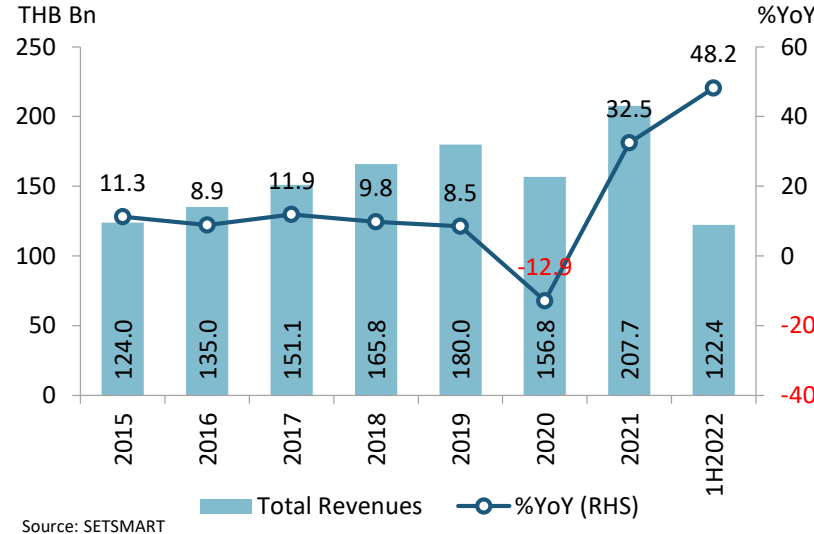


No. of Outpatient (OPD) Cases

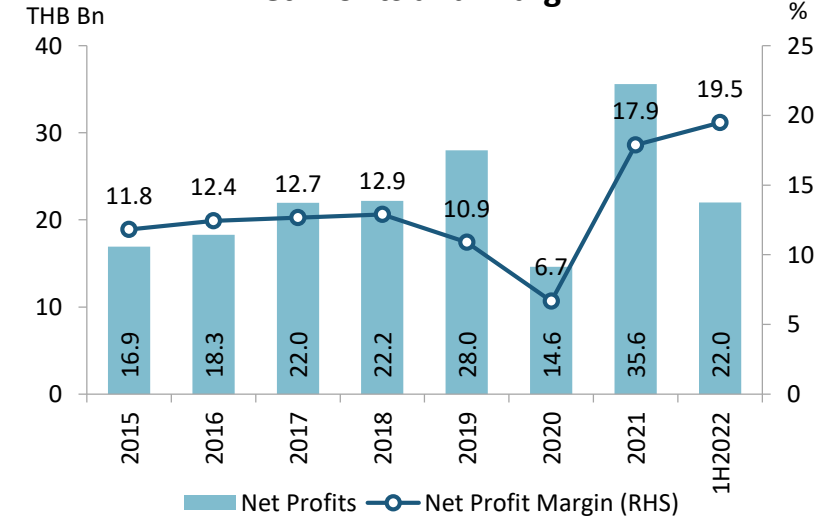


Performance of SET-listed Private Hospitals in Thailand

Total Revenues

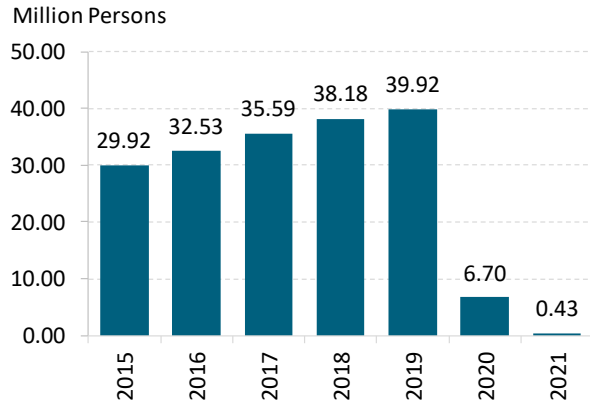


Net Profits and Margin



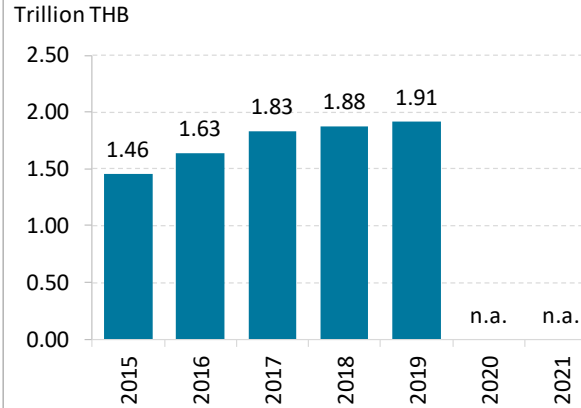
Tourist Accommodation (โรงแรม)

International Tourist Arrivals



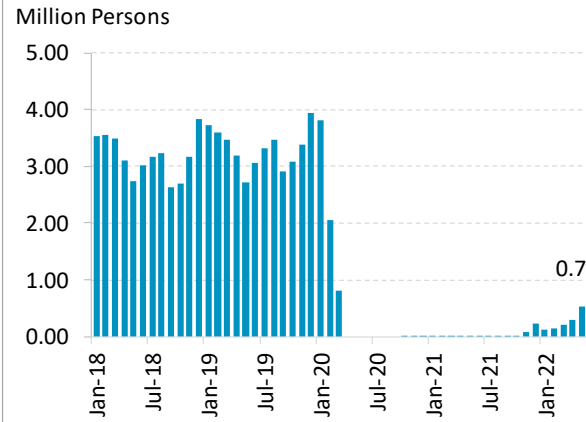
Source : MOTs

Receipts from International Tourist



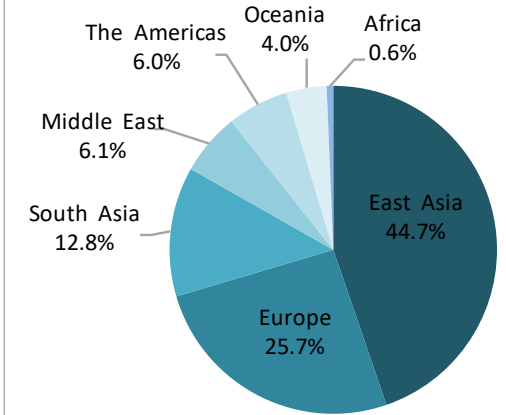
Source : MOTs

International Tourist Arrivals



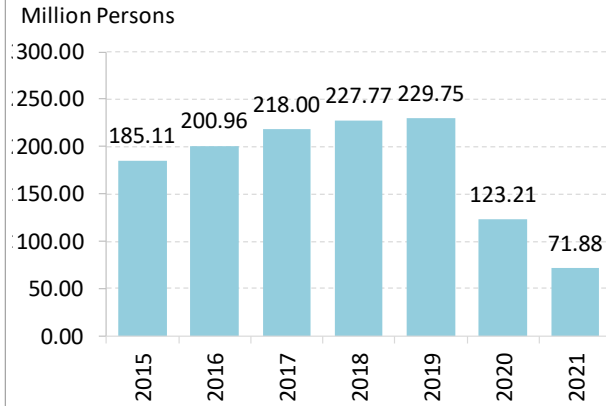
Source : MOTs

Share by region (Jan-Jul 2022)



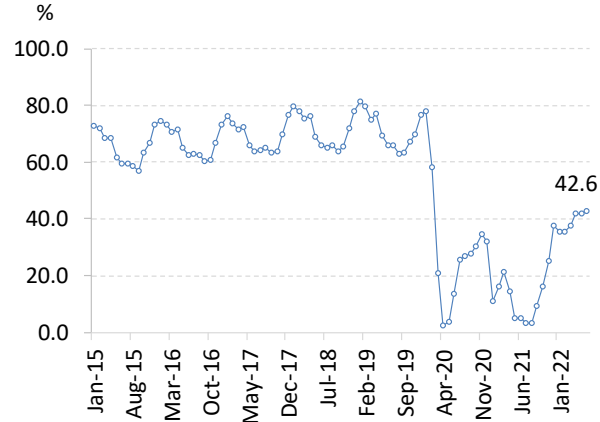
Source : MOTs

Thai Visitor



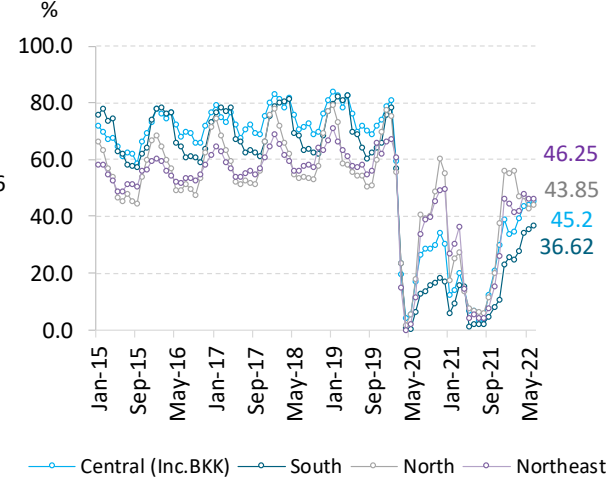
Source : MOTs

Occupancy Rate (Nationwide)

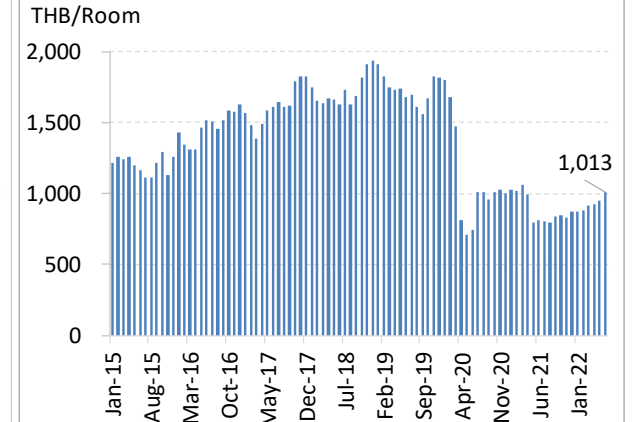


Source : BOT

Occupancy Rate (Region)



Room Rate (Nationwide)



Source : BOT

Tourist Accommodation (โรงแรม)

International Tourist Arrivals by Region

Million Persons

	2019	2020	2021	Jan-Jun		%YoY
				2021	2022	
ASEAN	10.69	1.65	0.03	0.00	0.61	12,785.9
East Asia	16.64	2.09	0.04	0.01	0.19	2,514.0
Europe	6.72	2.08	0.25	0.02	0.62	3,544.6
South Asia	2.40	0.32	0.01	0.00	0.28	29,687.4
Middle East	0.70	0.08	0.03	0.00	0.13	6,878.4
The Americas	1.63	0.32	0.05	0.01	0.14	1,996.5
Oceania	0.89	0.14	0.01	0.00	0.09	8,921.1
Africa	0.20	0.02	0.00	0.00	0.02	1,644.8
Total	39.87	6.70	0.43	0.04	2.08	5,042.4

Source : MOTS

International Tourist Arrivals (thousand persons)

	2019	2020	2021	2022
Jan	3,718.5	3,810.2	7.7	133.9
Feb	3,603.7	2,062.0	5.7	153.0
Mar	3,473.1	819.4	6.7	210.8
Apr	3,195.0	0.0	8.5	293.4
May	2,726.8	0.0	6.1	521.4
Jun	3,052.3	0.0	5.7	767.5
July	3,327.2	0.0	18.1	
Aug	3,466.5	0.0	15.1	
Sep	2,902.7	0.0	12.2	
Oct	3,074.1	1.2	20.3	
Nov	3,386.4	3.1	91.3	
Dec	3,947.3	6.6	230.5	
Total	39,873.53	6,702.40	427.87	2,079.95

International Tourist Arrivals (%YoY)

	2019	2020	2021	2022
Jan	5.3	2.5	-99.8	1,640.4
Feb	1.5	-42.8	-99.7	2,564.2
Mar	-0.6	-76.4	-99.2	3,029.5
Apr	3.2	-100.0	n.a.	3,339.4
May	-0.4	-100.0	n.a.	8,515.5
Jun	1.3	-100.0	n.a.	13,379.0
July	4.7	-100.0	n.a.	
Aug	7.4	-100.0	n.a.	
Sep	10.1	-100.0	n.a.	
Oct	13.7	-100.0	1,587.9	
Nov	6.8	-99.9	2,877.3	
Dec	2.9	-99.8	3,415.8	
Total	4.4	-83.2	-93.6	5,042.4

Occupancy Rate (%)

	2019	2020	2021	2022
Jan	81.26	77.97	10.85	35.64
Feb	79.76	58.39	16.04	35.57
Mar	74.83	20.82	21.51	37.43
Apr	76.89	2.26	14.63	41.94
May	69.51	3.83	4.95	41.75
Jun	65.98	13.43	5.15	42.58
July	65.80	25.41	3.45	
Aug	63.04	26.93	3.51	
Sep	63.25	27.93	9.42	
Oct	67.37	30.40	16.19	
Nov	69.93	34.82	25.03	
Dec	76.47	32.16	37.52	
Avg.	71.17	29.53	14.02	39.15

Central (Inc.BKK)

	2019	2020	2021	2022
Jan	83.77	80.97	12.24	33.94
Feb	82.84	59.55	14.08	34.65
Mar	78.53	19.73	19.94	39.50
Apr	82.54	4.01	14.63	43.77
May	76.10	5.68	6.61	44.25
Jun	69.73	16.93	6.58	45.20
July	71.89	26.58	3.47	
Aug	70.38	28.55	3.57	
Sep	69.09	28.82	12.23	
Oct	72.01	29.83	21.01	
Nov	74.18	34.03	29.89	
Dec	78.96	30.48	38.92	
Avg.	75.84	30.43	15.26	40.22

Southern

	2019	2020	2021	2022
Jan	79.59	78.24	5.98	25.55
Feb	82.31	56.91	9.48	24.78
Mar	80.96	23.57	15.63	27.82
Apr	82.63	0.86	15.19	34.28
May	69.76	0.54	1.25	35.55
Jun	68.82	6.26	1.95	36.62
July	64.24	12.64	1.90	
Aug	60.22	13.55	2.07	
Sep	62.47	15.88	4.48	
Oct	64.01	16.71	8.13	
Nov	65.94	18.40	10.53	
Dec	75.62	16.95	22.90	
Avg.	71.38	21.71	8.29	30.77

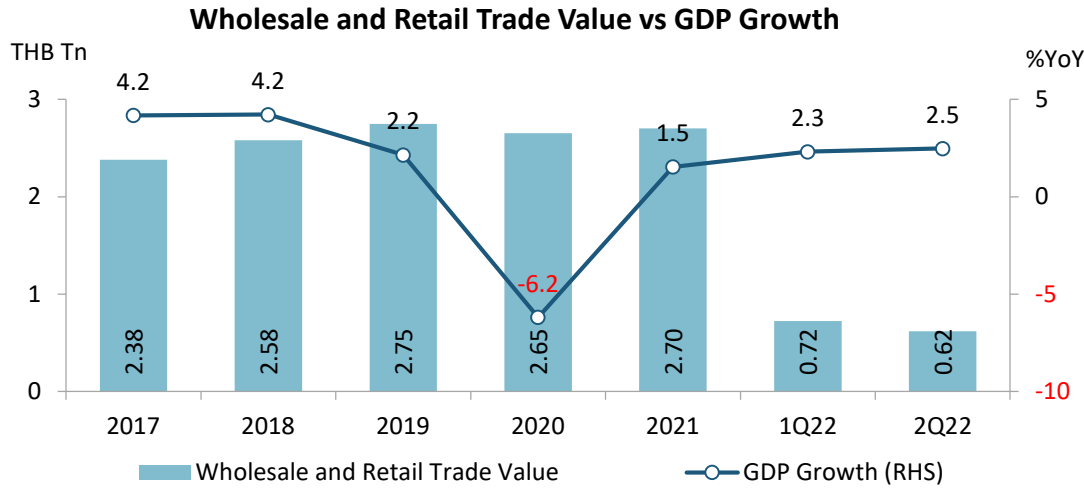
Northern

	2019	2020	2021	2022
Jan	79.40	75.47	17.27	55.29
Feb	73.26	55.84	24.99	56.15
Mar	58.71	23.40	27.35	47.08
Apr	58.18	1.45	13.45	46.89
May	55.78	5.54	7.56	42.94
Jun	54.28	17.78	6.75	43.85
July	54.39	40.72	6.12	
Aug	50.69	39.45	6.09	
Sep	50.84	40.14	11.56	
Oct	60.10	48.72	19.90	
Nov	69.65	60.18	37.60	
Dec	77.44	55.32	56.25	
Avg.	61.89	38.67	19.57	48.70

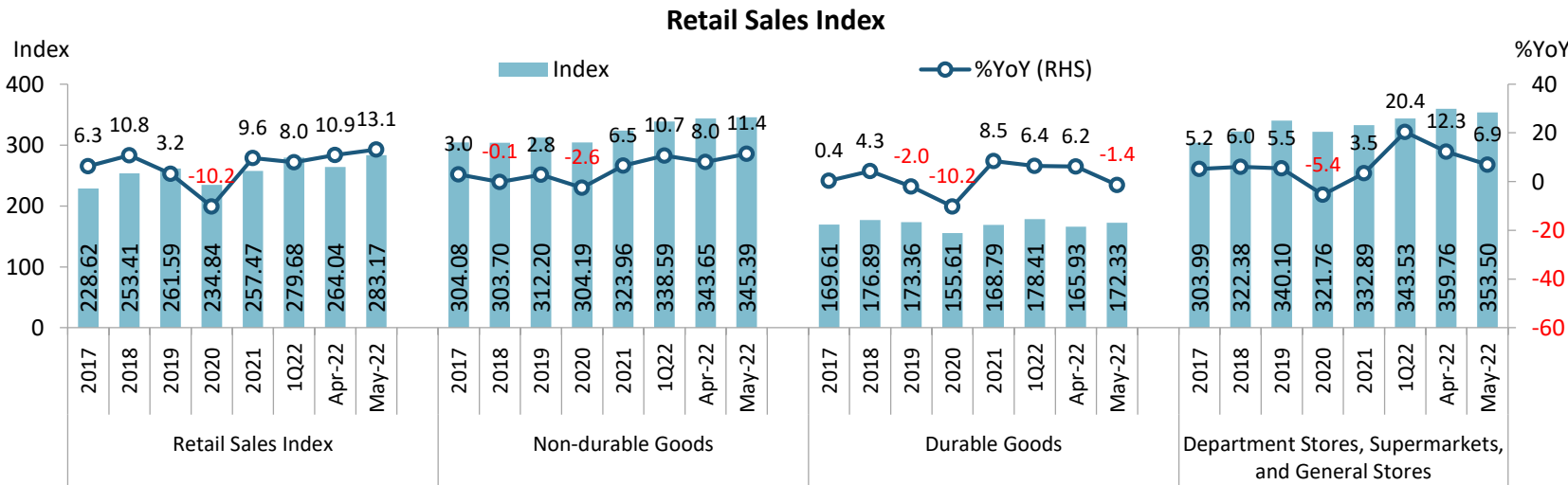
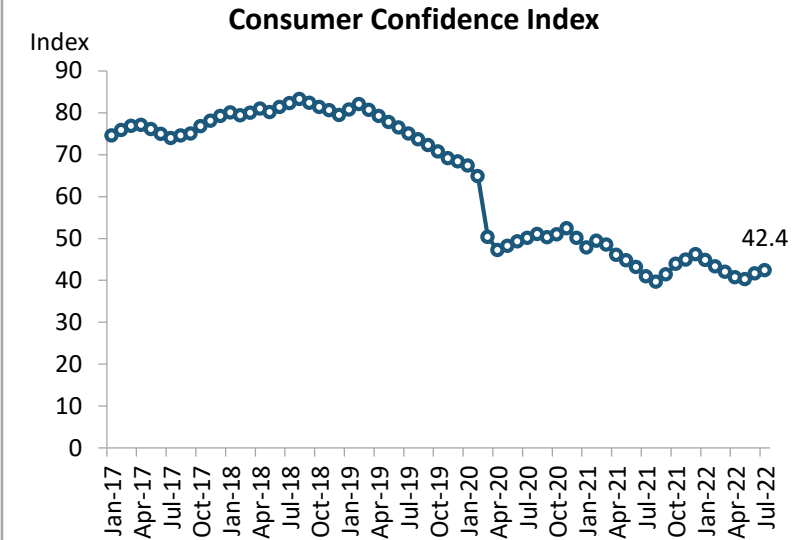
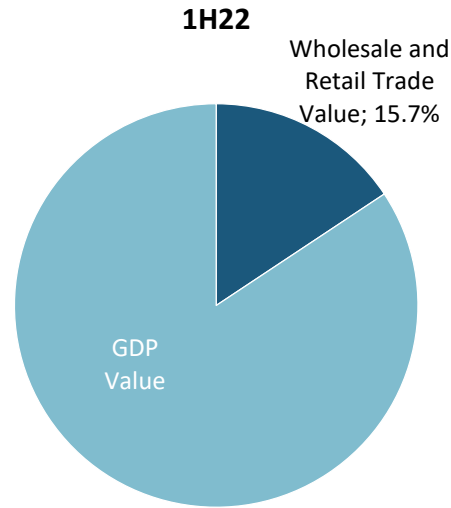
Northeastern

	2019	2020	2021	2022
Jan	71.28	67.38	26.97	44.42
Feb	66.23	60.60	30.31	41.69
Mar	63.48	14.74	36.30	41.88
Apr	61.39	0.05	14.65	48.09
May	57.98	2.13	4.33	46.25
Jun	57.33	11.33	5.54	46.00
July	58.32	33.84	4.03	
Aug	54.67	38.80	4.14	
Sep	56.13	39.89	7.58	
Oct	65.78	45.51	15.30	
Nov	62.20	49.05	26.19	
Dec	66.48	49.85	46.39	
Avg.	61.77	34.43	18.48	44.72

Modern Trade (ร้านค้าปลีกสมัยใหม่)

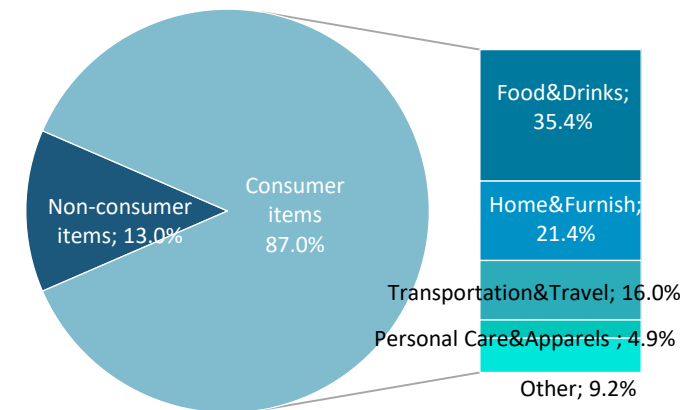


Note: GDP, wholesale and retail trade value at current market prices



Source: The National Economic and Social Development Council, BOT, National Statistical Office

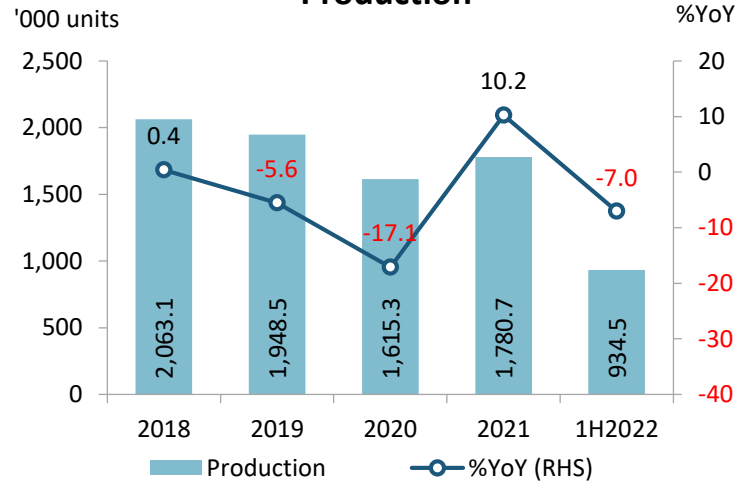
2021 Monthly Household Expenditure by Type



Source: LH Business Research analysis

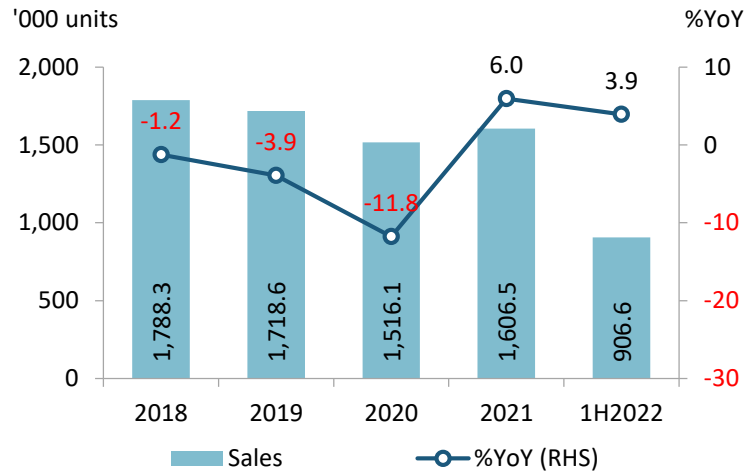
Motorcycle (รถจักรยานยนต์)

Production



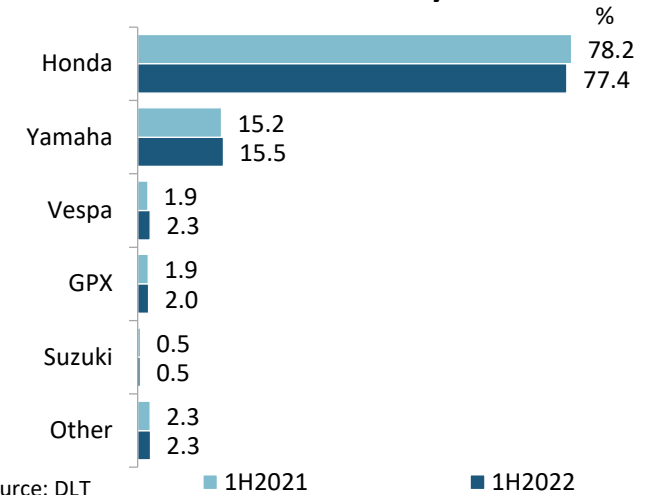
Source: FTI

Domestic Sales



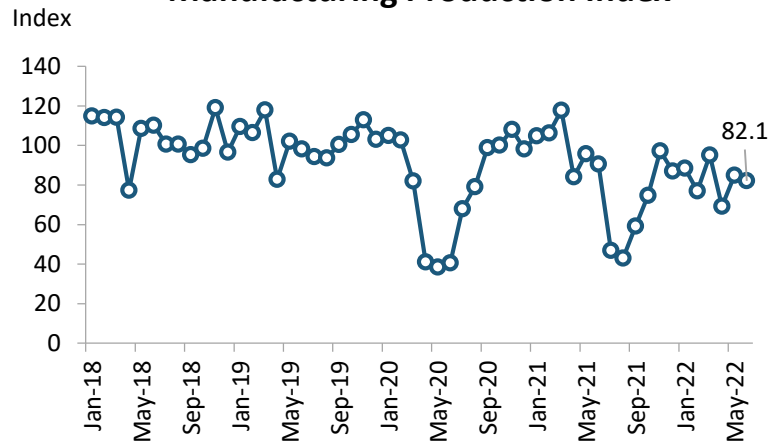
Source: FTI

Domestic Share by Brand



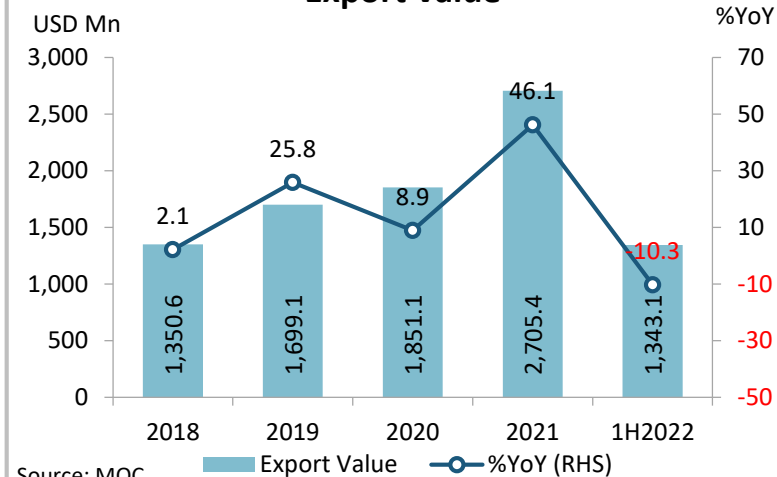
Source: DLT

Manufacturing Production Index



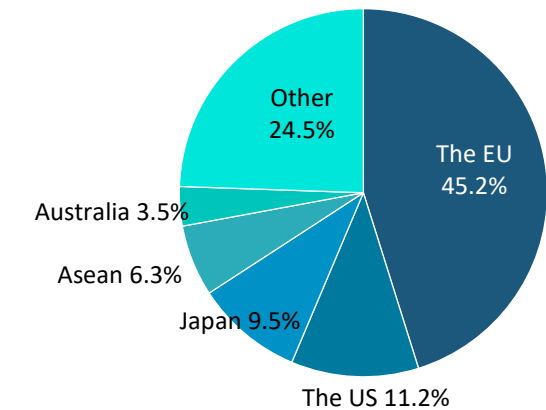
Note: MPI as of the base year Z2016=100)
Source: OIE

Export Value



Source: MOC

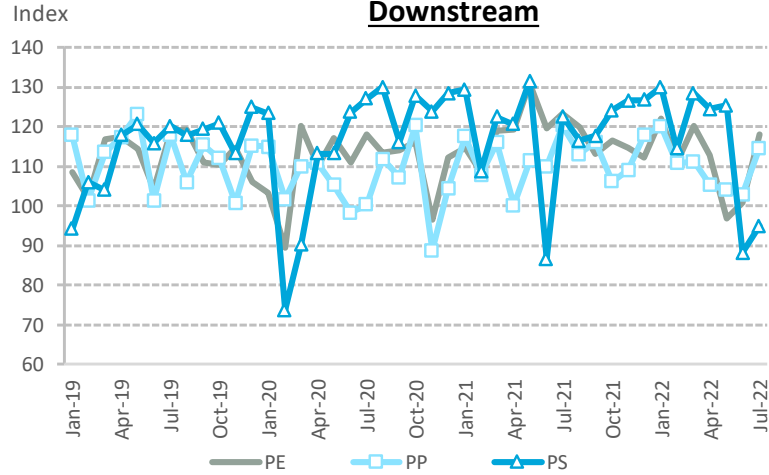
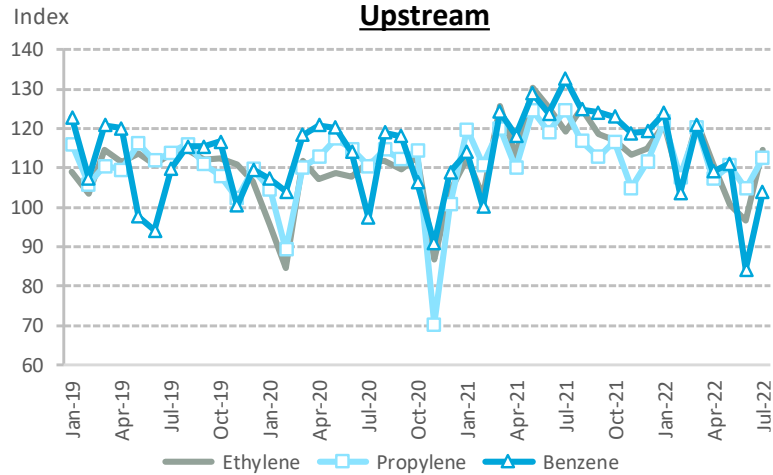
1H2022 Exports by Destination



Source: MOC

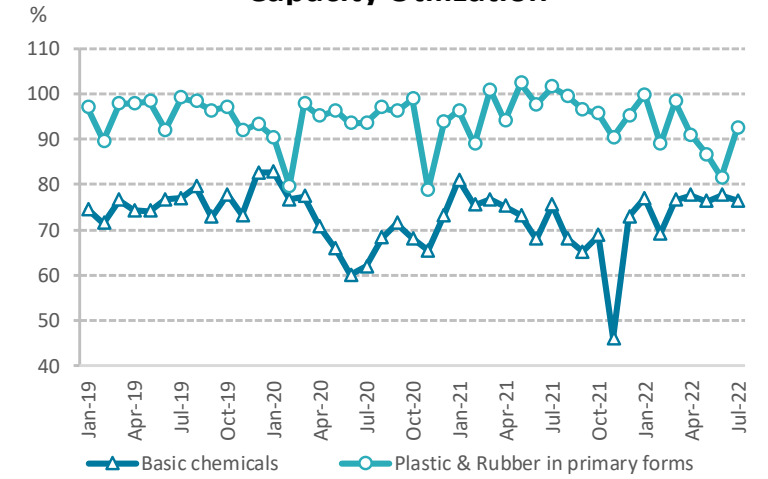
Petrochemicals (ปิโตรเคมี)

Manufacturing Production Index



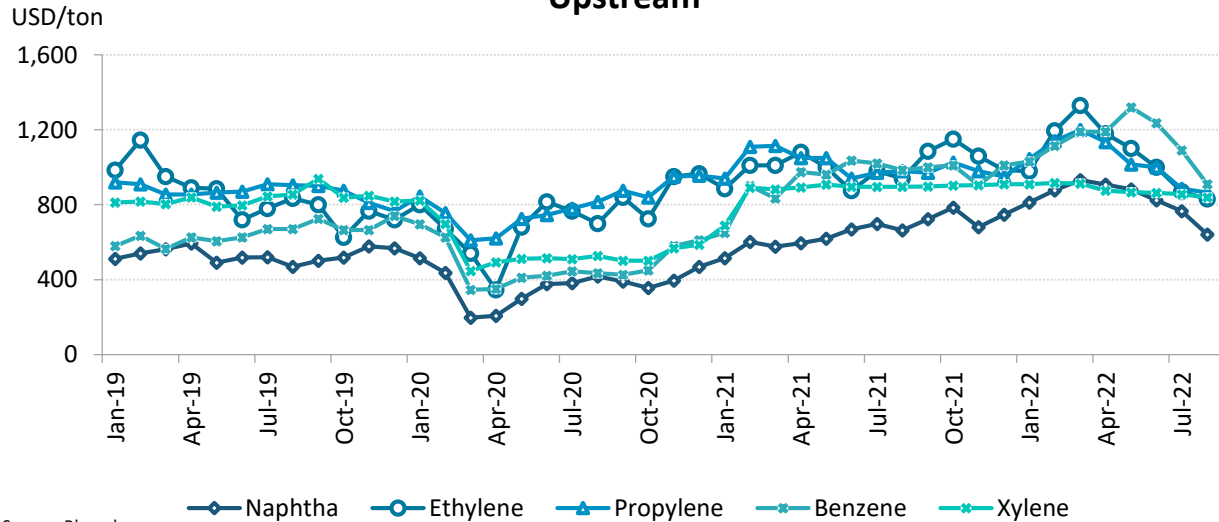
Source: OIE

Capacity Utilization



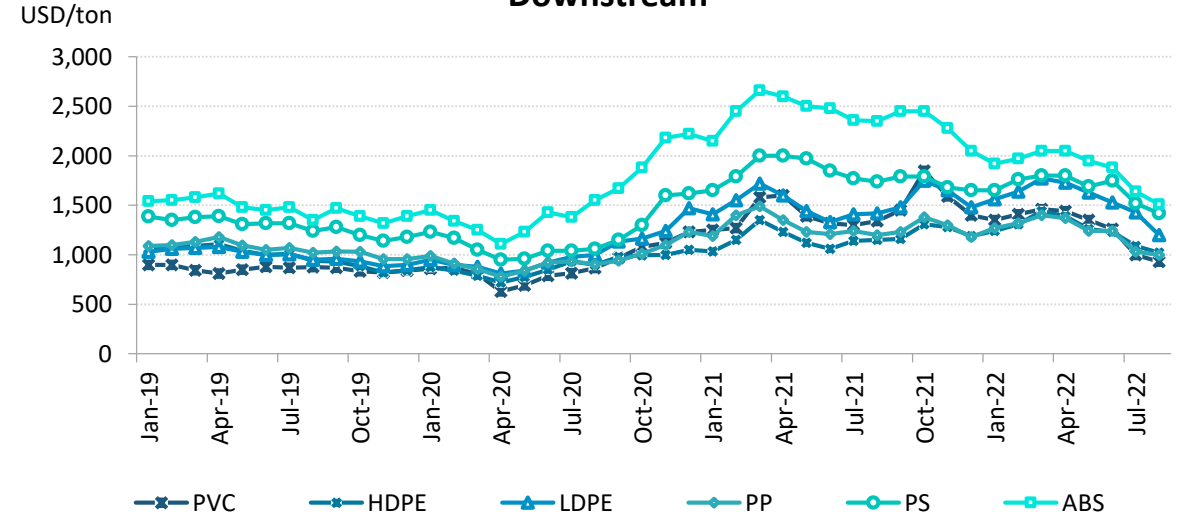
Source: OIE

Upstream



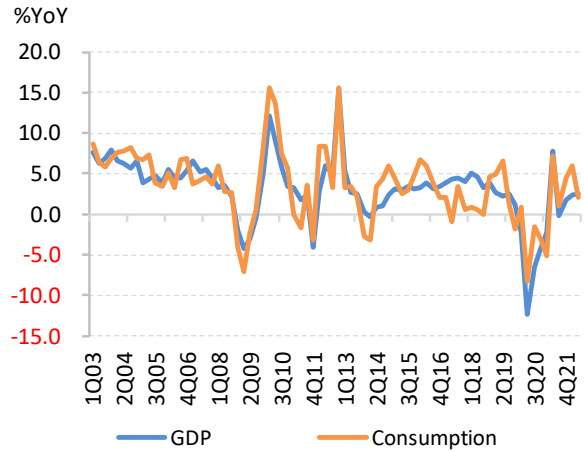
Source: Bloomberg

Downstream



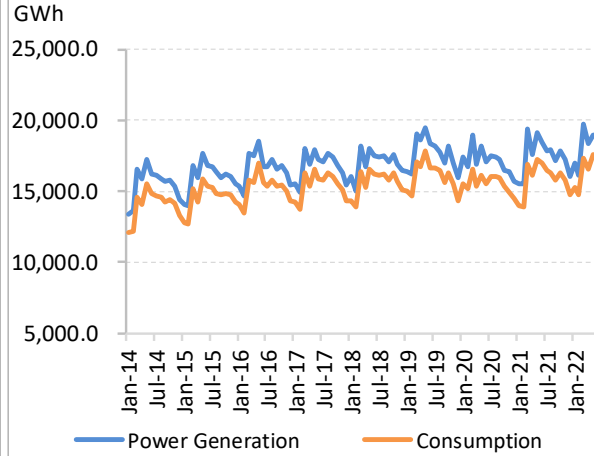
Power Generation (ผลิตไฟฟ้า)

GDP & Electricity Consumption



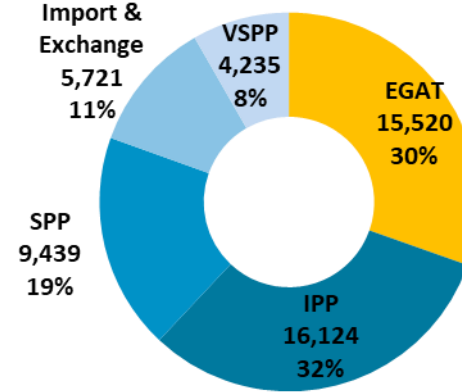
Source : EPPO

Electricity Consumption

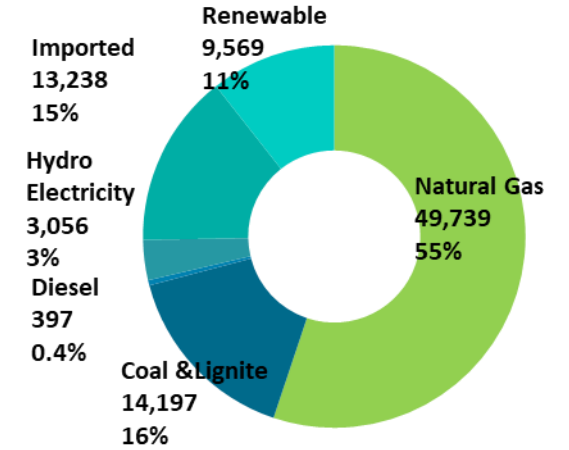


Source : EPPO

Installed Generation Capacity

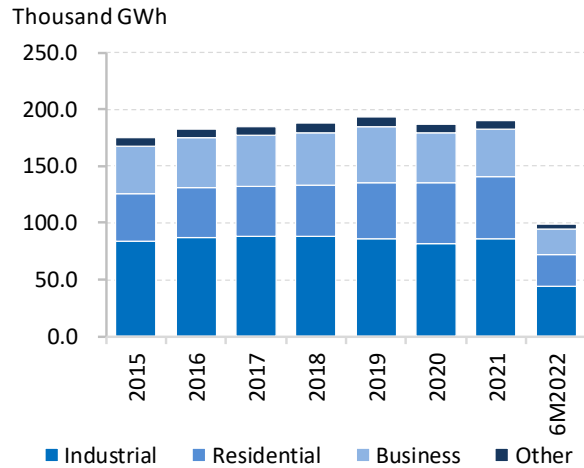


Power Generation by Fuel



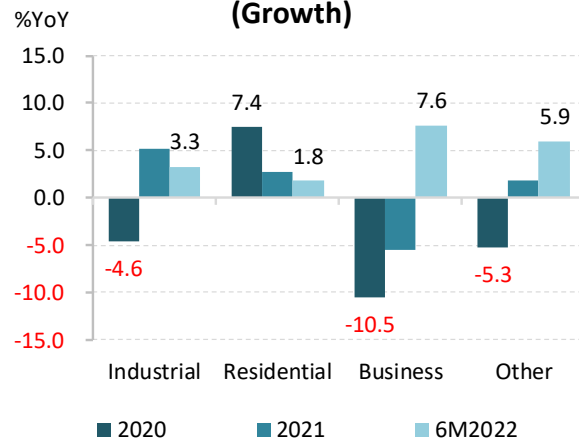
Source : EPPO

Electricity Consumption by Sector



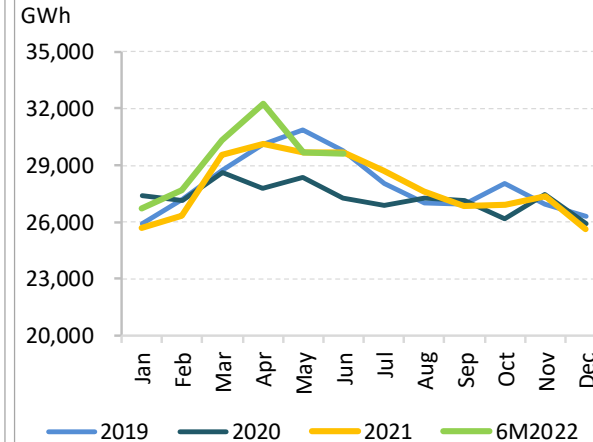
Source : EPPO

Electricity Consumption by Sector (Growth)



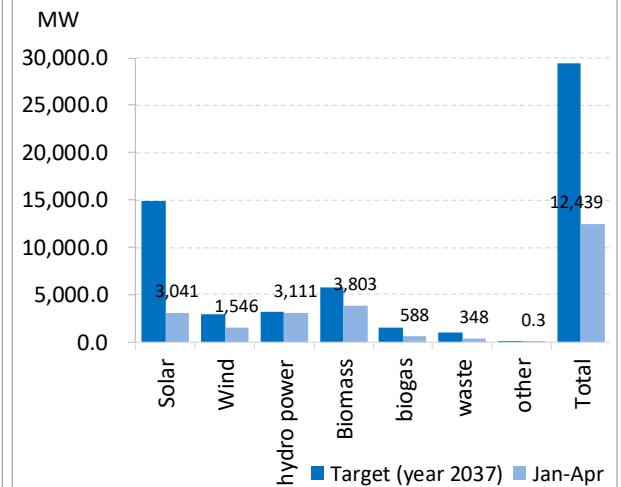
Source : EPPO

Peak Demand



Source : EPPO

Performance on Alternative Energy



Source : DEDE

Power Generation (ผลิตไฟฟ้า)

Electricity Consumption

Unit : Gwh

	2020	2021	Jan-Jun		%YoY
			2021	2022	
Industrial	82,158	86,427	43,082	44,503	3.3
Residential	52,860	54,290	26,985	27,462	1.8
Business	43,950	41,529	20,943	22,535	7.6
Agriculture	417	398	250	221	-11.6
Government and Non-Profit	204	201	101	107	6.9
Others	3,872	3,829	1,918	2,070	7.9
Free of Charge	3,586	3,794	1,847	1,961	6.2
Total	187,046	190,468	95,126	98,859	3.9

Source : EPPO

Power Generation by Fuel

Unit : Gwh

	2020	2021	Jan-Jun		%YoY
			2021	2022	
Natural Gas	113,859	113,113	59,291	59,849	0.9
Coal&Lignite	36,823	36,065	17,330	17,073	-1.5
Imported	29,551	33,356	15,087	16,699	10.7
Renewable Energy	20,529	21,927	11,173	11,346	1.6
Hydro Electricity	4,540	4,540	2,508	3,702	47.6
Diesel	97	294	33	468	1,337.1
Fuel Oil	624	422	203	5	-97.3
Total	206,023	209,717	105,625	109,142	3.3

Source : EPPO

Renewable Energy Consumption for Power Generation by Fuel Type

Unit : MW

Target 2037	Target 2037	2019	2020	2021	2022 (Jan - Apr)
Solar	12,139	2,982.62	2,979.24	2,982.68	2,996.11
Hydro-floating Solar	2,725	-	-	45.00	45.00
Biomass	5,790	3,410.14	3,517.38	3,773.67	3,802.87
Wind	2,989	1,506.82	1,506.73	1,546.32	1,546.32
Biogas	1,565	529.98	557.24	572.72	588.39
Waste	900	314.67	333.68	348.48	348.48
Waste	75	-	-	-	-
Small Hydro Power	308	187.85	190.39	190.39	191.75
Large Hydro Power	2,920	2,919.66	2,919.66	2,919.66	2,919.66
Other	0.30	0.30	0.30	0.30	0.30
Total	29,411	11,852	12,005	12,379	12,439

Source : DEDE

Peak Demand

Unit : MW

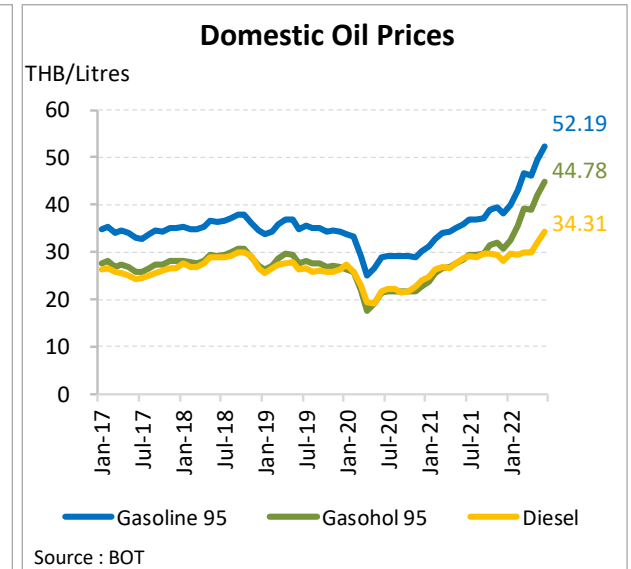
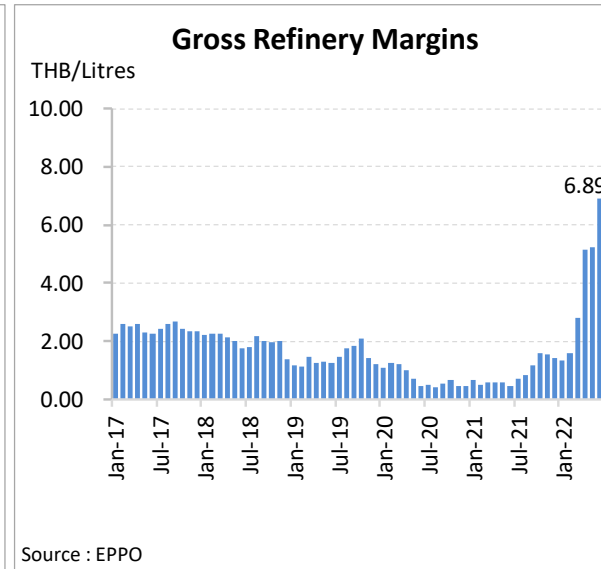
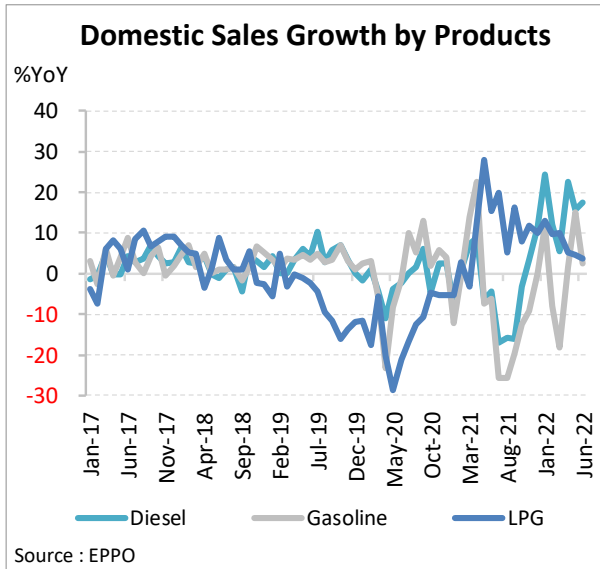
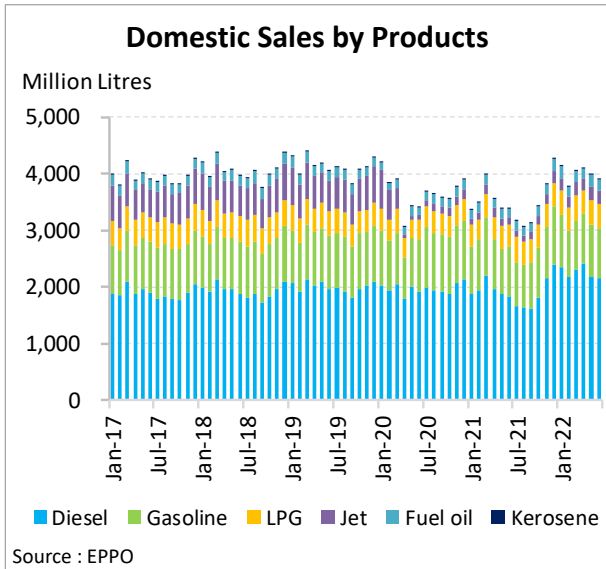
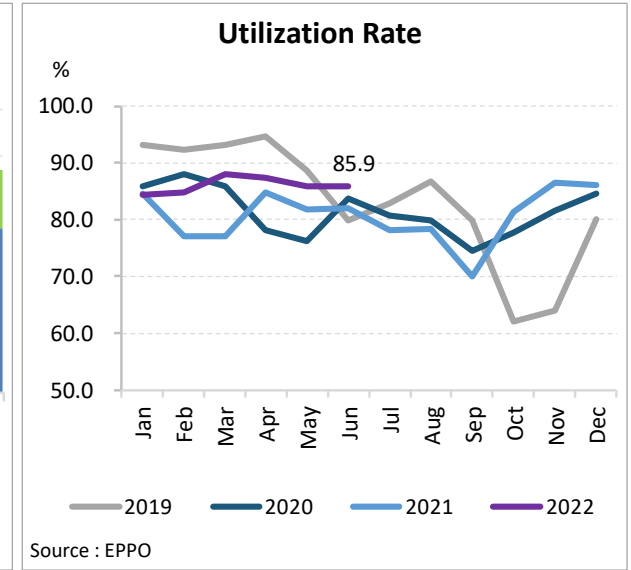
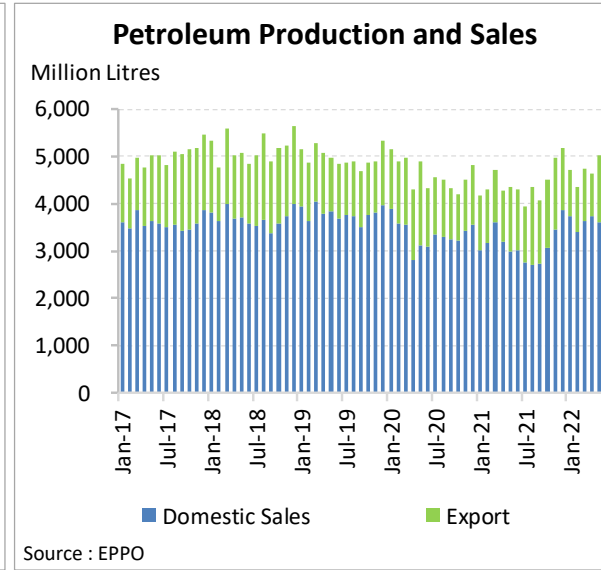
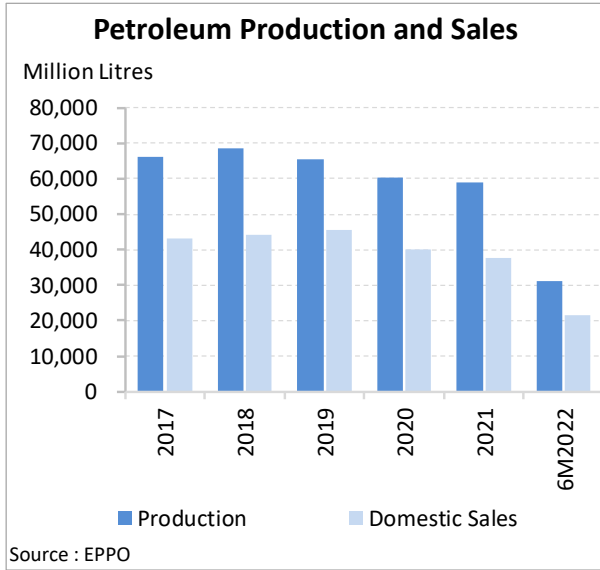
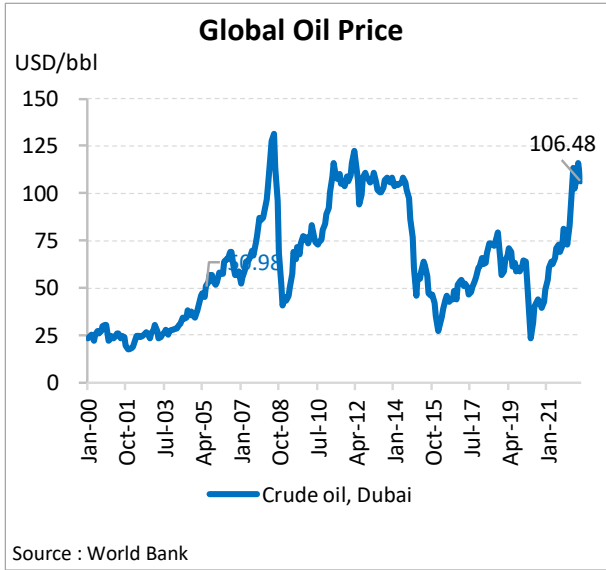
	2019	2020	2021	2022
Jan	25,898	27,423	25,686	26,688
Feb	27,215	27,112	26,319	27,673
Mar	28,722	28,637	29,537	30,349
Apr	30,120	27,747	30,135	32,255
May	30,853	28,328	29,702	29,675
Jun	29,800	27,240	29,692	29,594
July	28,015	26,855	28,691	
Aug	26,987	27,235	27,642	
Sep	26,937	27,159	26,841	
Oct	28,026	26,162	26,920	
Nov	26,958	27,433	27,347	
Dec	26,295	25,924	25,597	
Max	30,853.2	28,636.7	30,135.3	32,254.5

Power Generation

Unit : Gwh

	2019	2020	2021	2022
Jan	15,063	16,138	14,145	15,646
Feb	15,093	15,477	14,263	14,867
Mar	17,700	17,618	18,012	18,388
Apr	17,387	15,715	16,384	17,075
May	18,277	16,899	17,871	17,765
Jun	17,163	15,887	17,224	17,767
July	17,026	16,390	16,675	
Aug	16,620	16,348	16,708	
Sep	15,954	16,195	15,966	
Oct	17,041	15,475	16,694	
Nov	15,883	15,292	16,112	
Dec	14,643	14,483	14,815	
Total	197,850	191,917	194,869	101,508

Refinery (โรงกลั่นน้ำมัน)



Refinery (โรงกลั่นน้ำมัน)

Production

Unit : Gwh

	2019	2020	2021	2022
Jan	5,611	5,423	5,005	5,274
Feb	5,338	5,228	4,430	4,592
Mar	5,833	5,344	4,973	5,369
Apr	5,752	4,624	4,965	5,329
May	5,559	4,842	4,989	5,384
Jun	5,225	4,875	4,848	5,136
July	5,570	5,051	4,739	
Aug	5,771	5,081	4,780	
Sep	5,432	4,644	4,335	
Oct	4,867	4,895	5,025	
Nov	4,766	4,921	5,322	
Dec	5,882	5,263	5,544	
Total	65,604	60,190	58,955	31,083

Source : EPPO

Domestic Sales

Unit : Gwh

	2019	2020	2021	2022
Jan	3,946	3,897	3,026	5,274
Feb	3,645	3,579	3,160	4,592
Mar	4,043	3,554	3,617	5,369
Apr	3,798	2,798	3,200	5,329
May	3,829	3,128	3,003	5,384
Jun	3,689	3,090	3,022	5,136
July	3,771	3,356	2,758	
Aug	3,742	3,296	2,708	
Sep	3,504	3,260	2,741	
Oct	3,764	3,214	3,056	
Nov	3,822	3,435	3,444	
Dec	3,967	3,551	3,870	
Total	45,520	40,158	37,604	31,083

Source : EPPO

Petroleum Production and Sales

Sale	Gasoline	Kerosene	Jet Petrol	Diesel	Fuel Oil	LPG	Total
2014	8,506.1	10.8	5,513.1	21,083.9	2,092.8	13,917.0	51,123.6
2015	9,632.1	10.6	6,033.4	21,942.1	2,061.7	12,398.8	52,078.7
2016	10,608.3	11.0	6,467.9	22,668.3	2,278.2	11,359.1	53,392.8
2017	10,972.5	7.7	6,742.9	23,276.7	2,123.0	11,737.6	54,860.4
2018	11,334.4	7.7	7,095.5	23,618.2	2,211.8	12,257.7	56,525.2
2019	11,750.5	7.6	7,153.0	24,614.9	1,986.2	12,147.3	57,659.5
2020	11,608.4	6.5	2,744.9	23,958.5	1,768.9	10,630.2	50,717.4
2021	10,595.6	6.0	1,774.9	23,053.2	2,038.6	11,305.3	48,773.8
6M2021	5,379.7	3.2	865.7	11,746.1	974.3	5,621.9	24,590.8
6M2022	5,376.0	3.2	1,386.7	13,598.7	1,166.5	6,051.9	27,583.0
%YoY							
2021	-8.7	-6.5	-35.3	-3.8	15.2	6.4	-3.8
6M2022	-0.1	-0.1	60.2	15.8	19.7	7.6	12.2

Source : EPPO

Crude Intake

million barrels/ day

	2019	2020	2021	2022
Jan	1.15	1.06	1.02	1.04
Feb	1.14	1.09	0.92	1.05
Mar	1.15	1.06	0.92	1.09
Apr	1.17	0.97	1.02	1.08
May	1.09	0.94	0.98	1.07
Jun	0.99	1.03	0.96	1.07
July	1.02	1.00	0.94	
Aug	1.07	0.99	0.95	
Sep	0.99	0.92	0.86	
Oct	0.77	0.96	1.00	
Nov	0.79	1.01	1.07	
Dec	0.99	1.05	1.06	
Avg.	1.03	1.01	0.98	1.07

Source : EPPO

Utilization Rate

%

	2019	2020	2021	2022
Jan	93.1	85.8	84.5	84.4
Feb	92.3	88.0	77.0	84.7
Mar	93.1	85.8	77.0	88.1
Apr	94.6	78.2	84.9	87.4
May	88.6	76.2	81.8	85.9
Jun	79.8	83.7	82.1	85.9
July	82.8	80.7	78.1	
Aug	86.7	79.9	78.4	
Sep	79.9	74.6	70.1	
Oct	62.0	77.8	81.3	
Nov	64.0	81.5	86.5	
Dec	80.1	84.7	86.1	
Avg.	83.1	81.4	80.7	86.1

Source : OIE

Gross Refinery Margins

THB/Litres

	2019	2020	2021	2022
Jan	1.2	1.1	0.7	1.4
Feb	1.1	1.3	0.5	1.6
Mar	1.5	1.2	0.6	2.8
Apr	1.3	1.0	0.6	5.2
May	1.3	0.7	0.6	5.2
Jun	1.2	0.5	0.5	6.9
July	1.4	0.5	0.7	3.8
Aug	1.8	0.4	0.9	
Sep	1.9	0.6	1.2	
Oct	2.1	0.7	1.6	
Nov	1.4	0.5	1.6	
Dec	1.2	0.5	1.4	
Avg.	1.5	0.7	0.9	3.8

Source : EPPO

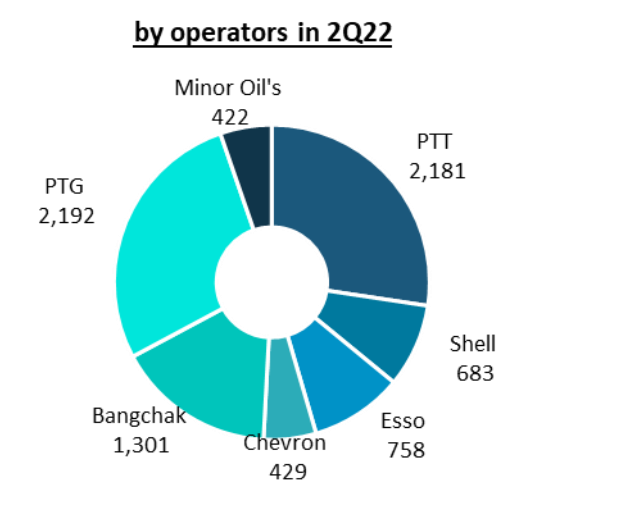
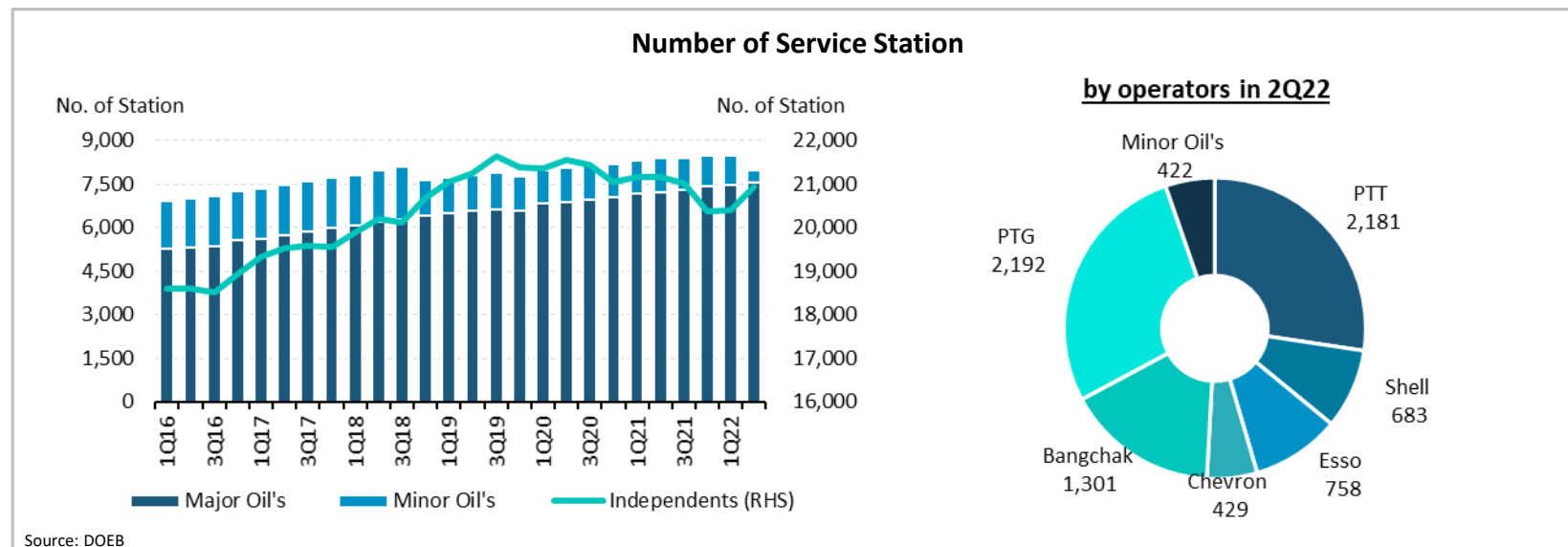
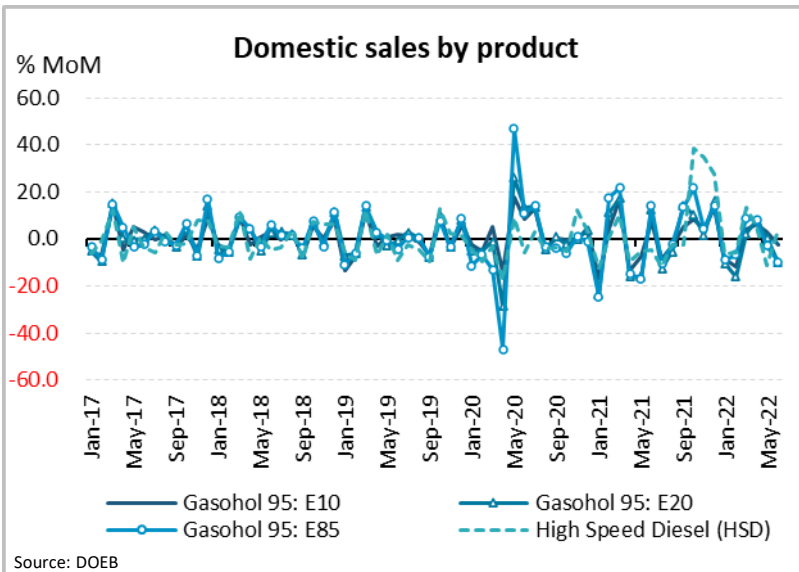
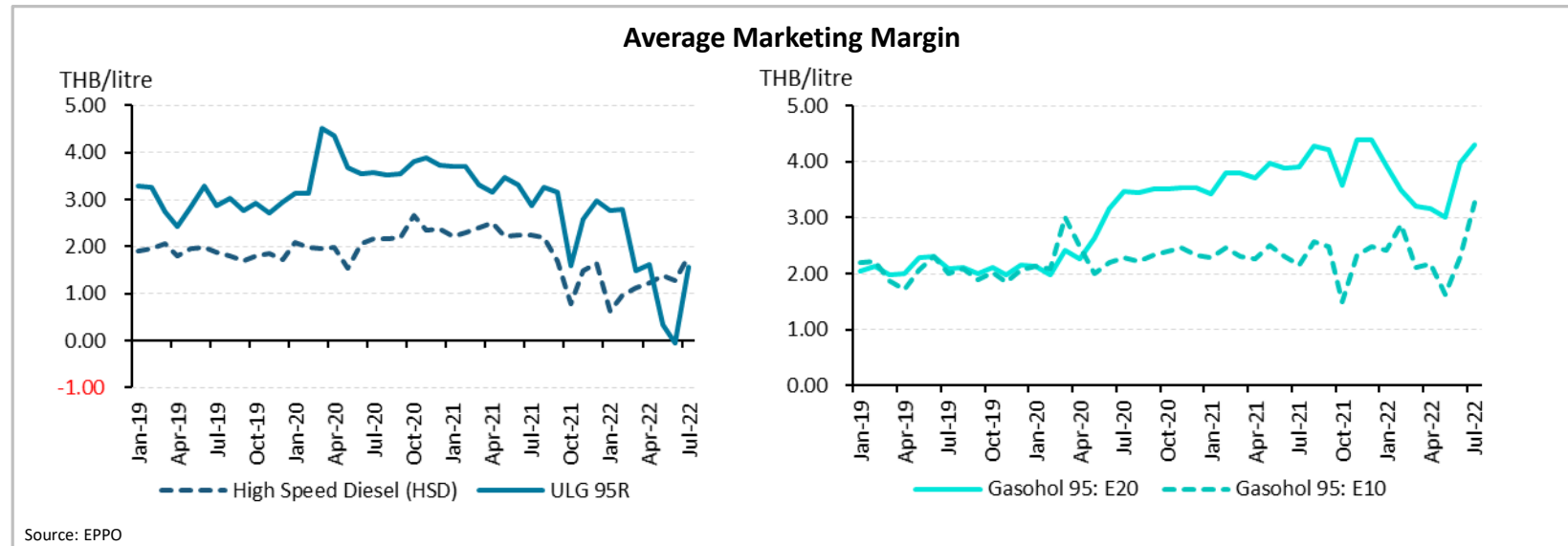
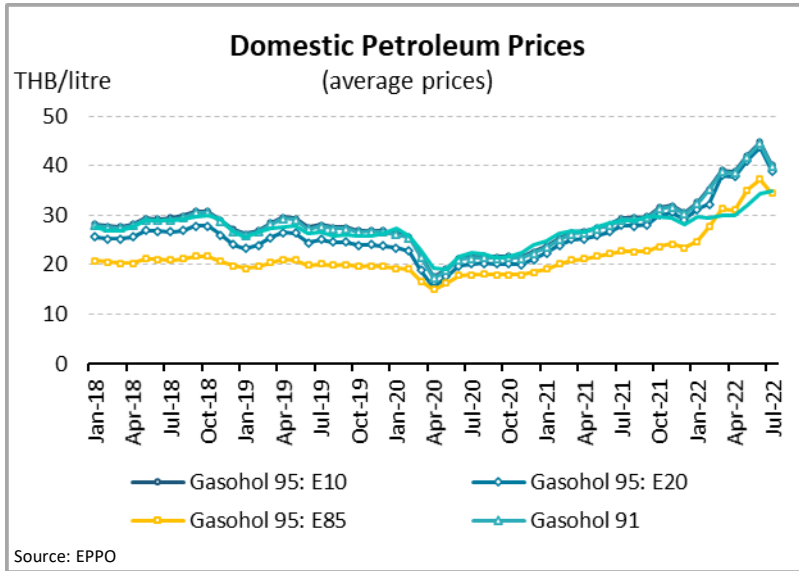
Dubai Price

USD/bbl

	2019	2020	2021	2022
Jan	59.0	63.8	54.2	83.1
Feb	64.3	54.5	60.4	93.1
Mar	66.8	33.8	64.0	113.1
Apr	70.7	23.3	62.4	102.7
May	69.1	31.6	66.0	108.3
Jun	61.3	40.1	71.0	115.7
July	62.9	42.6	73.0	106.5
Aug	58.9	43.7	68.9	
Sep	60.8	41.1	72.2	
Oct	58.5	39.7	81.2	
Nov	61.4	42.6	79.8	
Dec	64.4	49.3	72.8	
Avg.	63.2	42.2	68.8	103.2

Source : World Bank

Oil Service Station (สถานีบริการน้ำมันเชื้อเพลิง)



End of Presentation

Disclaimer

ข้อมูล บทวิเคราะห์ และการแสดงความคิดเห็นต่างๆที่ปรากฏอยู่ในรายงานฉบับนี้ ได้จัดทำขึ้นบนพื้นฐานของแหล่งข้อมูลที่ได้รับมาจากแหล่งข้อมูลที่เชื่อถือได้ เพื่อใช้ประกอบการวิเคราะห์ภาวะเศรษฐกิจและอุตสาหกรรมซึ่งเป็นเอกสารภายในของธนาคารแลนด์ แอนด์ เฮ้าส์ จำกัด (มหาชน) เท่านั้น ทั้งนี้ธนาคารฯ จะไม่รับผิดชอบความเสียหายใดๆทั้งปวงที่เกิดขึ้นจากการนำข้อมูล บทวิเคราะห์ การคาดหมาย และความคิดเห็นต่างๆ ที่ปรากฏในรายงานฉบับนี้ไปใช้ โดยผู้ที่ประสงค์จะนำไปใช้ต้องยอมรับความเสี่ยง และความเสียหายที่อาจเกิดขึ้นเองโดยลำพัง