



Industry Focus and Indicator Update

แนวโน้มอุตสาหกรรมไทยหลัก 33 อุตสาหกรรม จัดทำโดยทีมวิจัยธุรกิจ ธนาคาร แลนด์ แอนด์ เฮ้าส์ จำกัด (มหาชน)

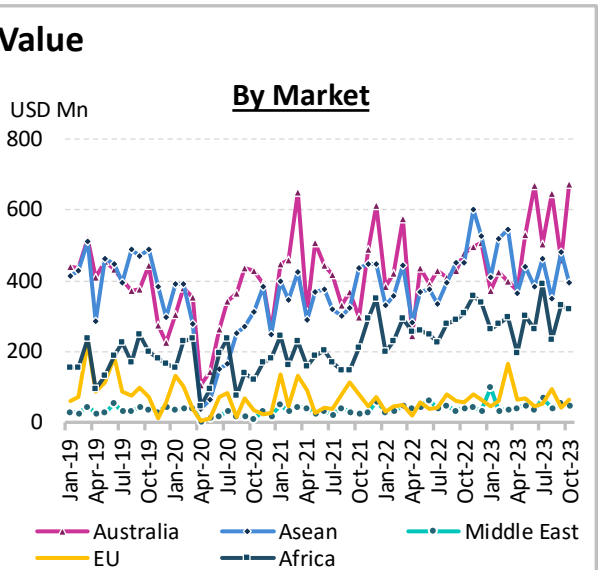
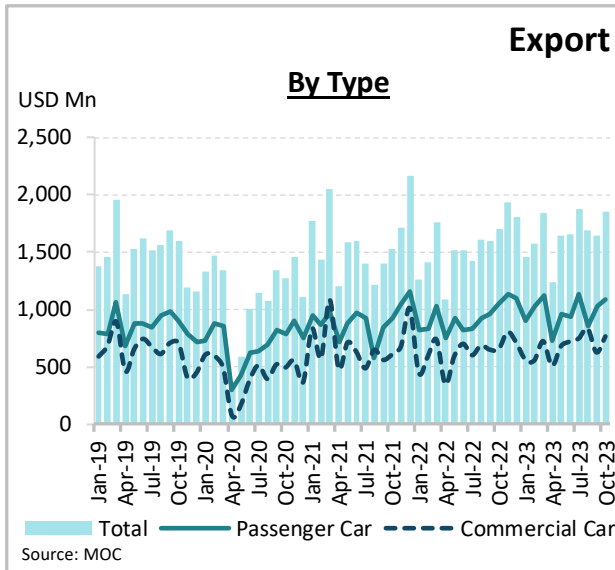
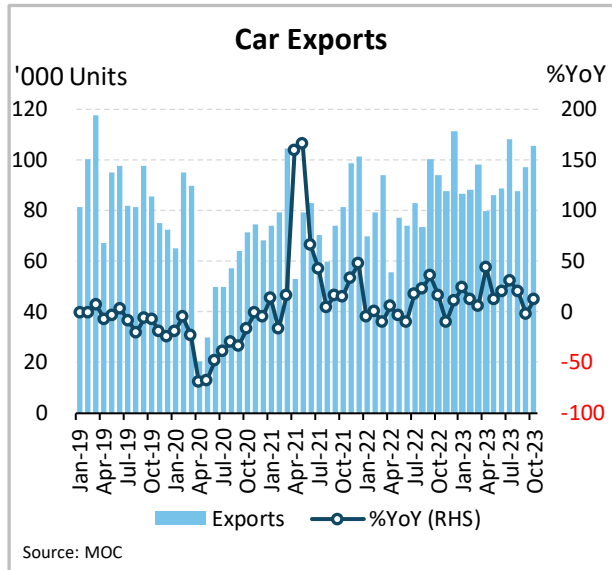
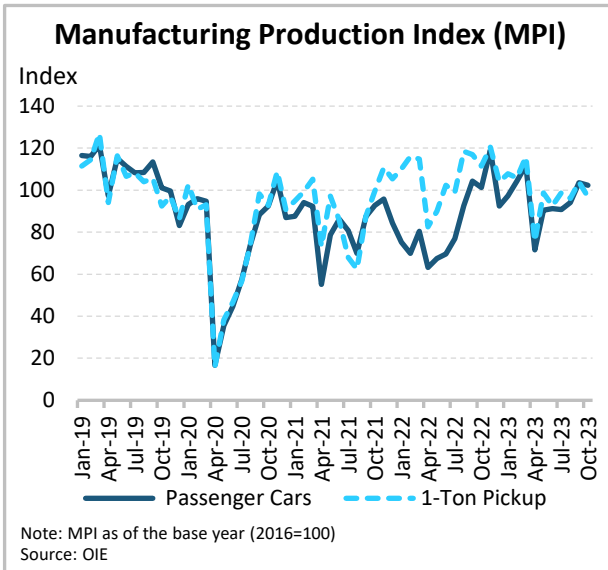
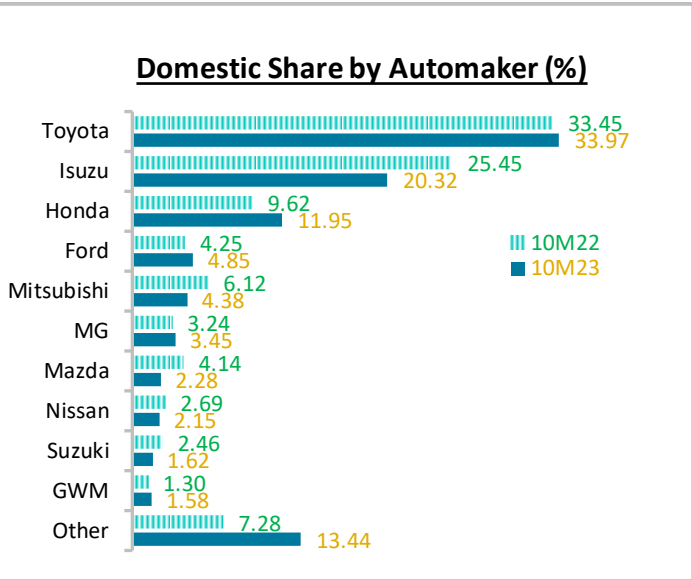
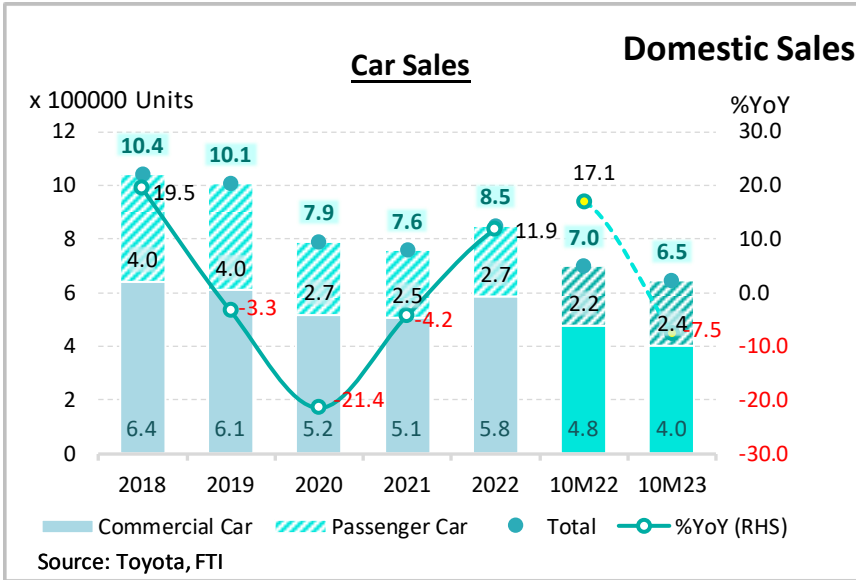
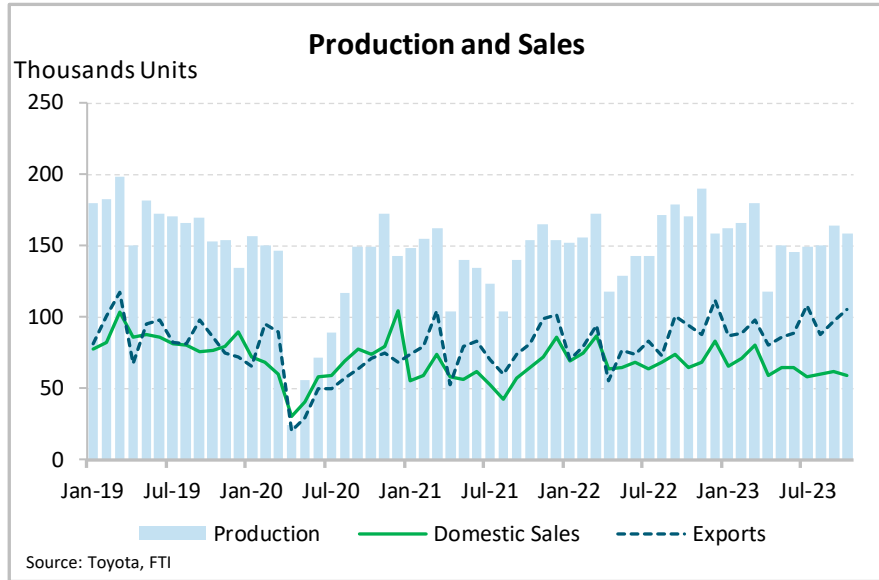
1. Automobile
2. Auto Parts
3. Electrical Appliances
4. HDD
5. Integrated Circuits
6. Frozen & Processed Chicken
7. Frozen Seafood
8. Cassava Products
9. Palm Oil
10. Rice
11. Rubber
12. Sugar
13. Cement
14. Construction Contractor
15. Condominium in BMR
16. Low-rise Housing in BMR
17. Office Building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



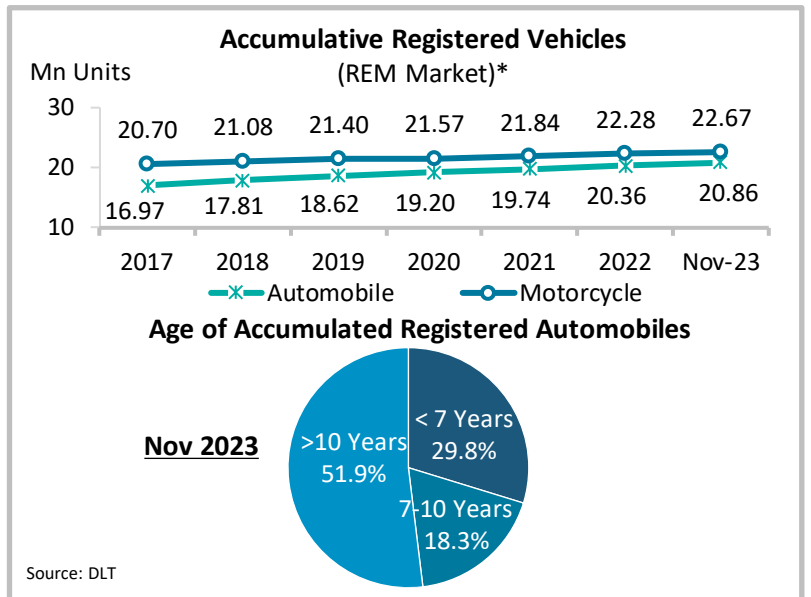
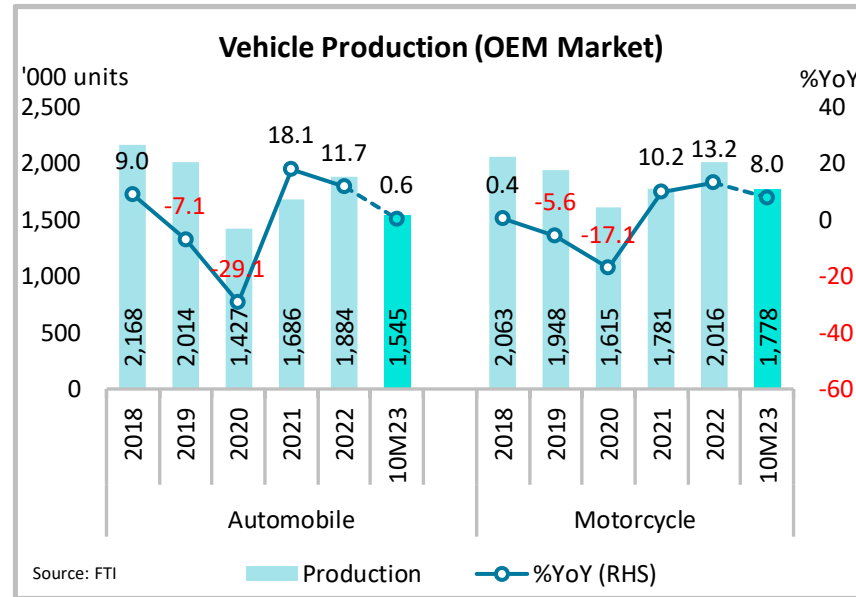
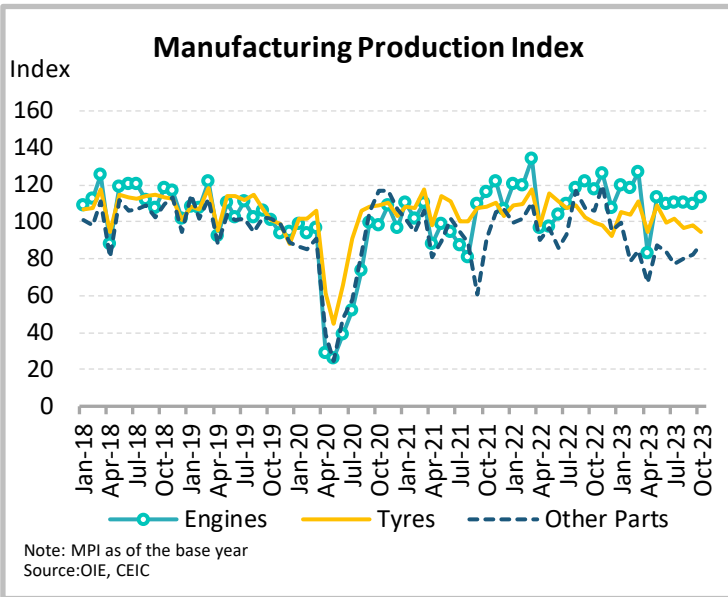
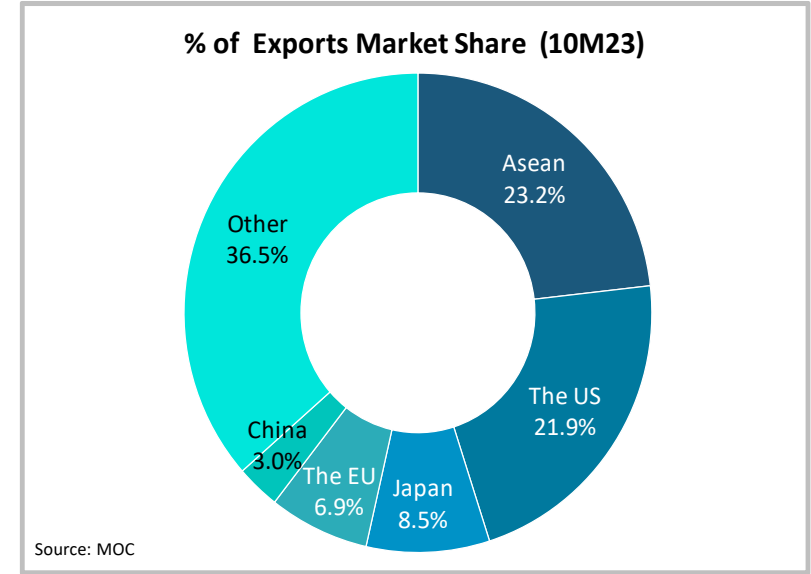
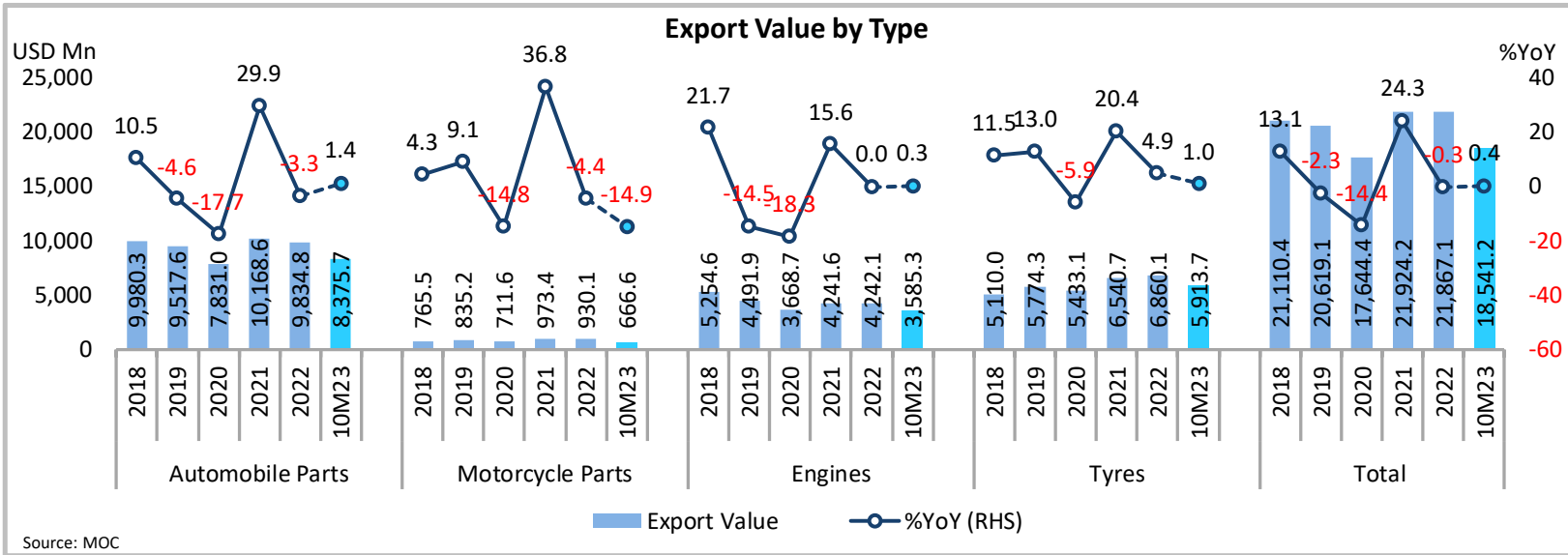
December 2023

ผู้วิเคราะห์: BR Team
Business Research

1. Automobile (รถยนต์)

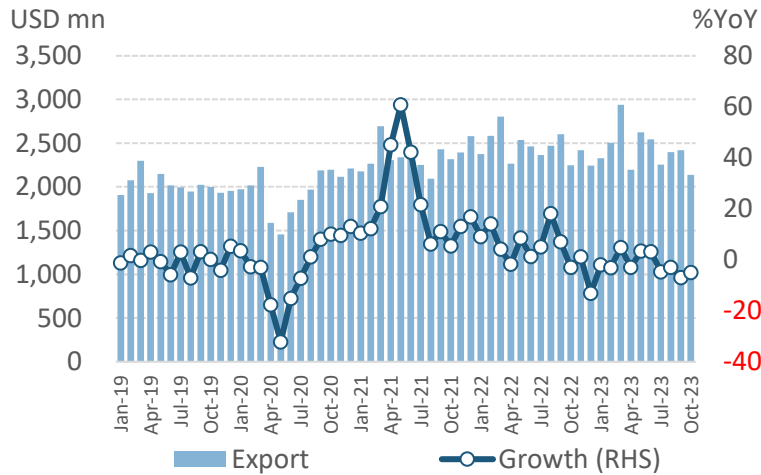


2. Auto Parts (ชิ้นส่วนยานยนต์)



3. Electrical Appliances (เครื่องใช้ไฟฟ้า)

Electrical Appliance Export Value



Source: MOC

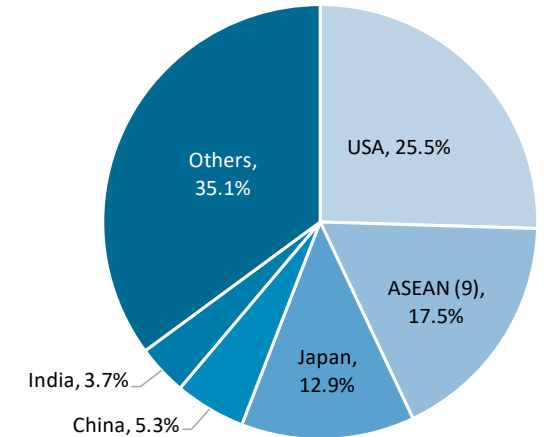
Electrical Appliance Export

Electrical Appliance Export by Product

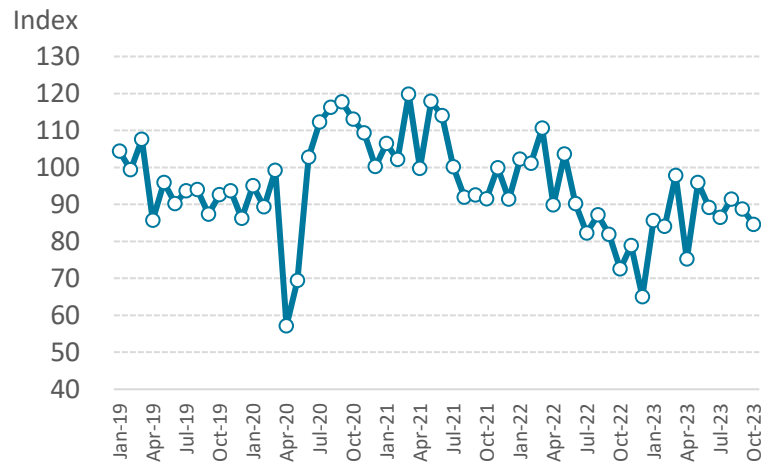
Unit: USD mn

	2019	2020	2021	2022	10M23	%YoY	Share (%)
Air conditioner	5,496	5,253	6,486	7,044	5,649	-5.6	23.2
Television receiver	3,041	2,412	2,862	2,795	2,590	10.7	10.6
Refrigerator	1,977	2,098	2,393	2,222	1,737	-10.9	7.1
Washing machine	1,286	1,226	1,343	1,190	1,095	8.8	4.5
Microwave Oven	765	950	1,239	1,402	966	-19.3	4.0
Compressor	827	698	903	919	654	-15.5	2.7
Video recording	450	349	602	508	347	-22.3	1.4
Others	10,381	10,521	12,444	13,291	11,298	2.6	46.4
Total	24,224	23,506	28,273	29,371	24,336	-1.5	100.0

Export Market Share (10M2023)

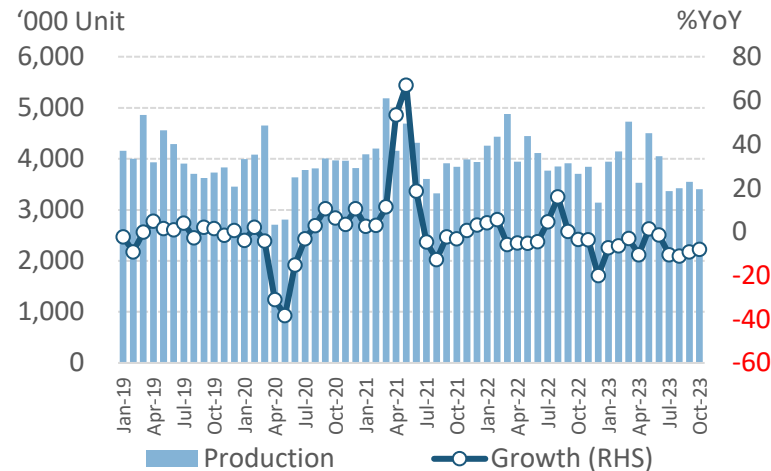


Manufacturing Production Index (MPI)



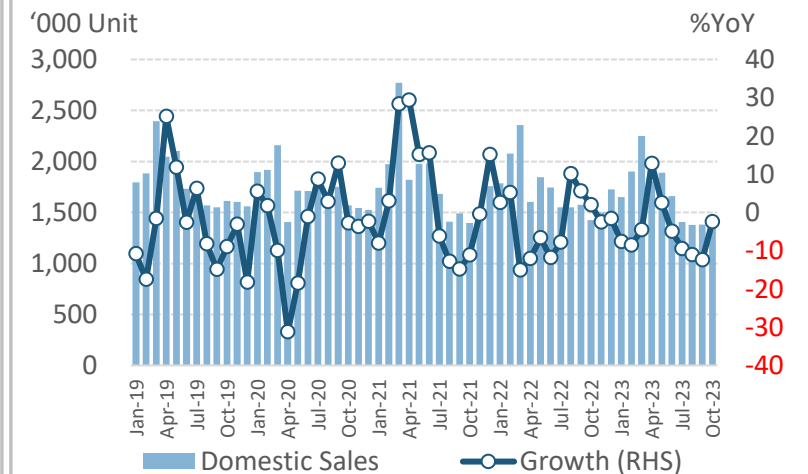
Source: OIE

Electrical Appliance Production



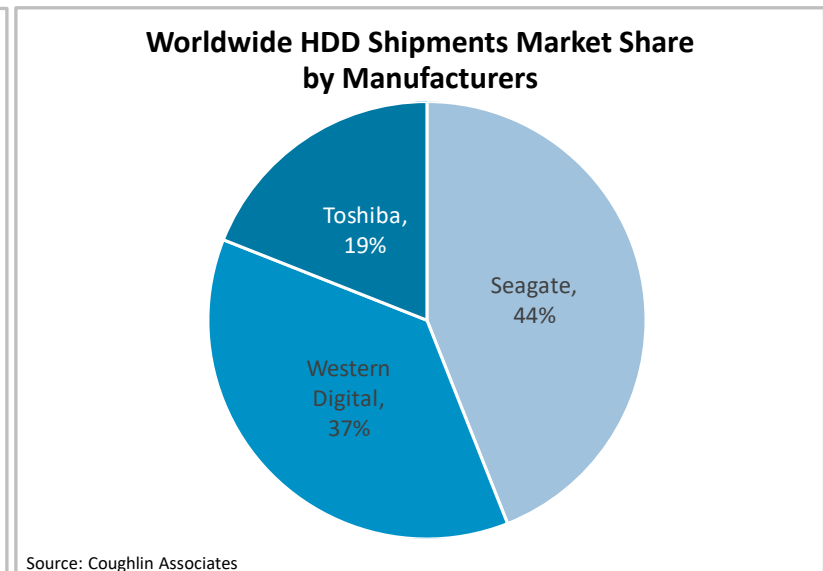
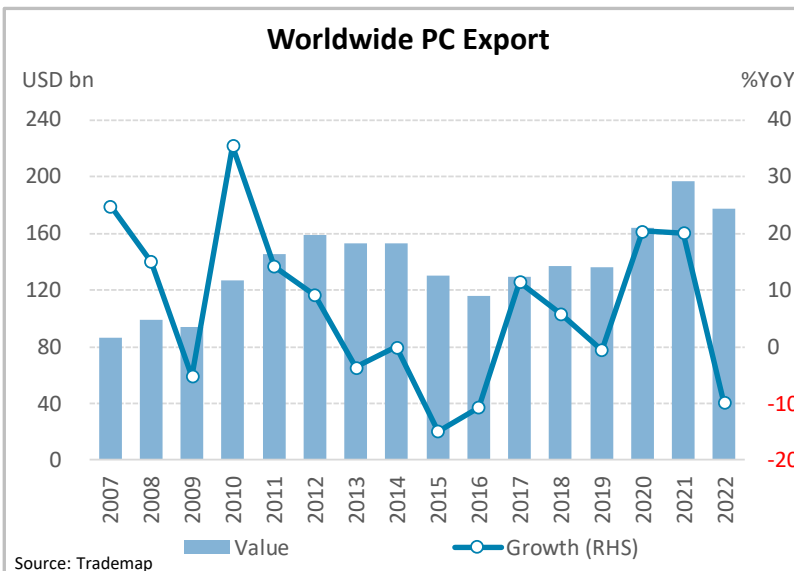
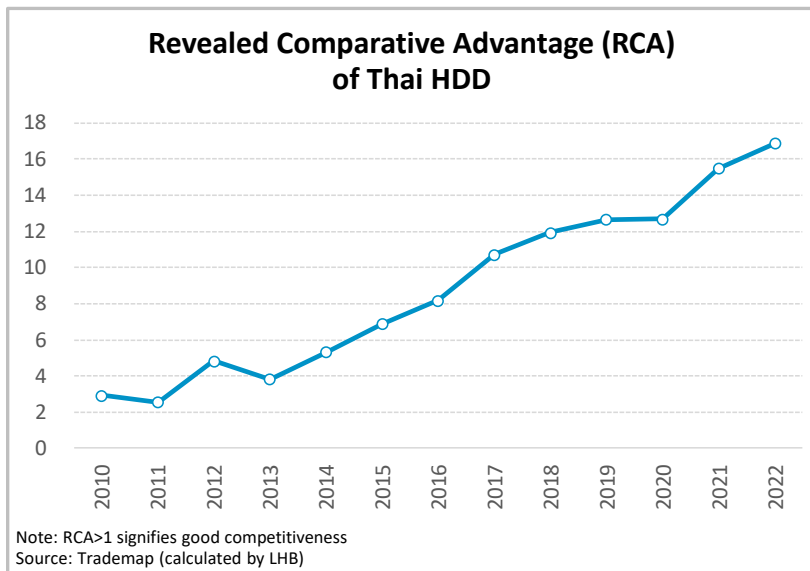
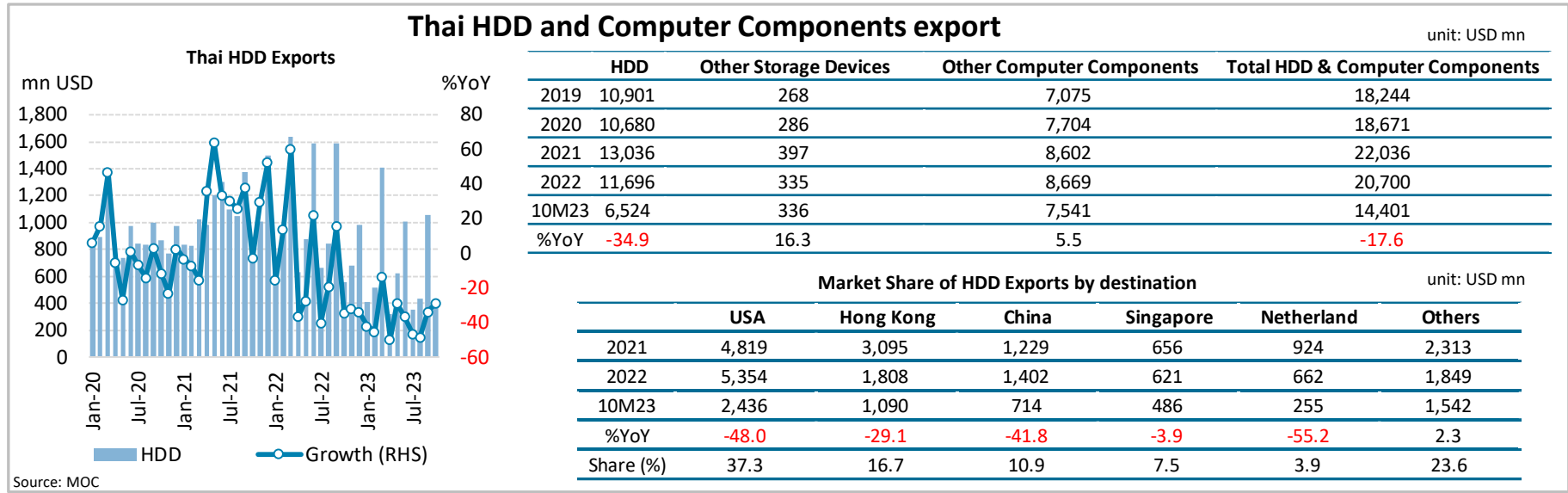
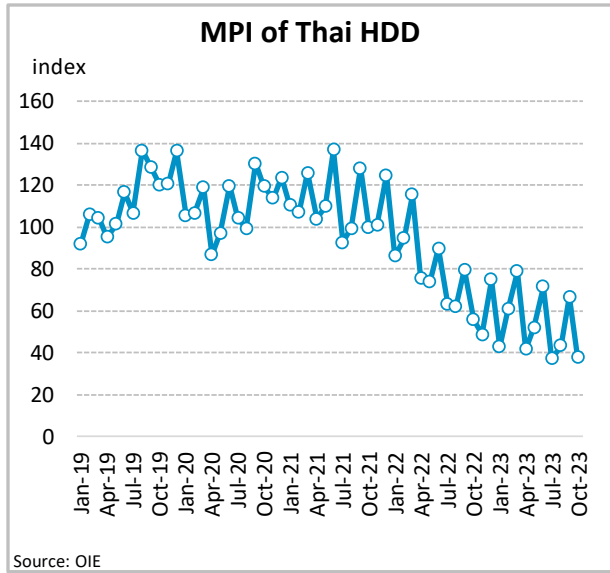
Source: OIE

Domestic Electrical Appliance Sales



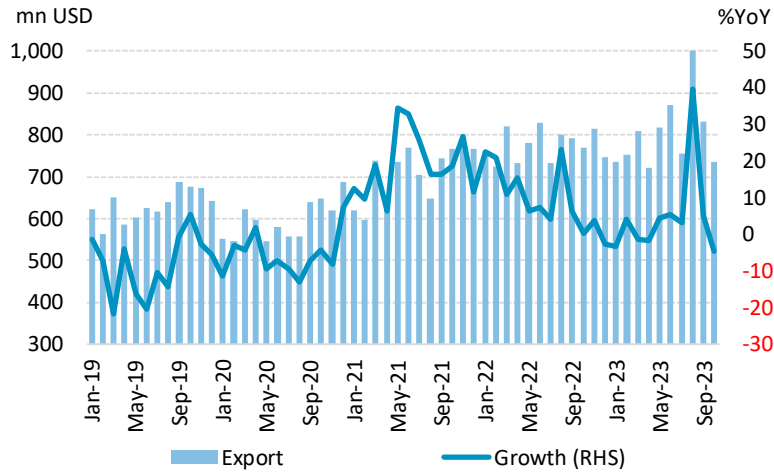
Source: OIE

4. Hard Disk Drive : HDD (ฮาร์ดดิสก์ไดรฟ์)



5. Integrated Circuits: IC (แผงวงจรไฟฟ้า)

Thai IC Export



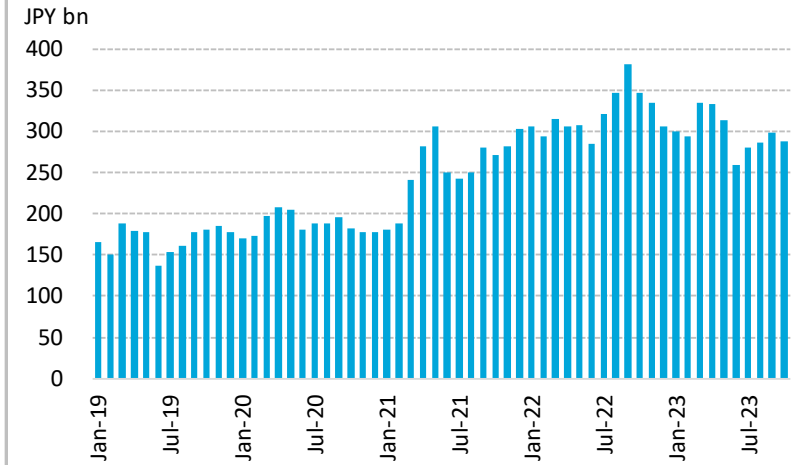
Market Share of Thai IC Exports by Destination

Unit: USD mn

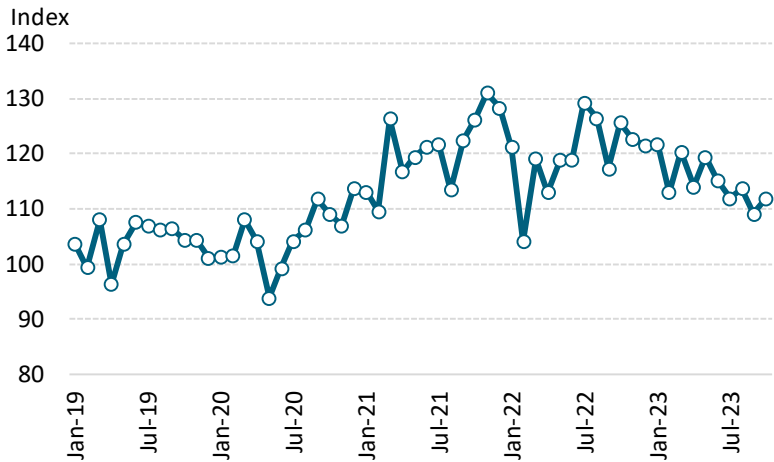
Country	2021	2022	10M23	%YoY	Share (%)
Hongkong	2,343.4	2,003.2	1,508.9	-10.9	18.5
Singapore	986.9	1,280.6	994.3	-5.8	12.2
Japan	627.6	653.6	909.1	70.2	11.2
Taiwan	490.6	685.9	725.5	29.1	8.9
China	719.5	747.5	658.6	9.3	8.1
Others	3,349.0	3,937.3	3,356.5	1.8	41.2
Total	8,517.0	9,308.1	8,152.8	5.3	100.0

Source: MOC

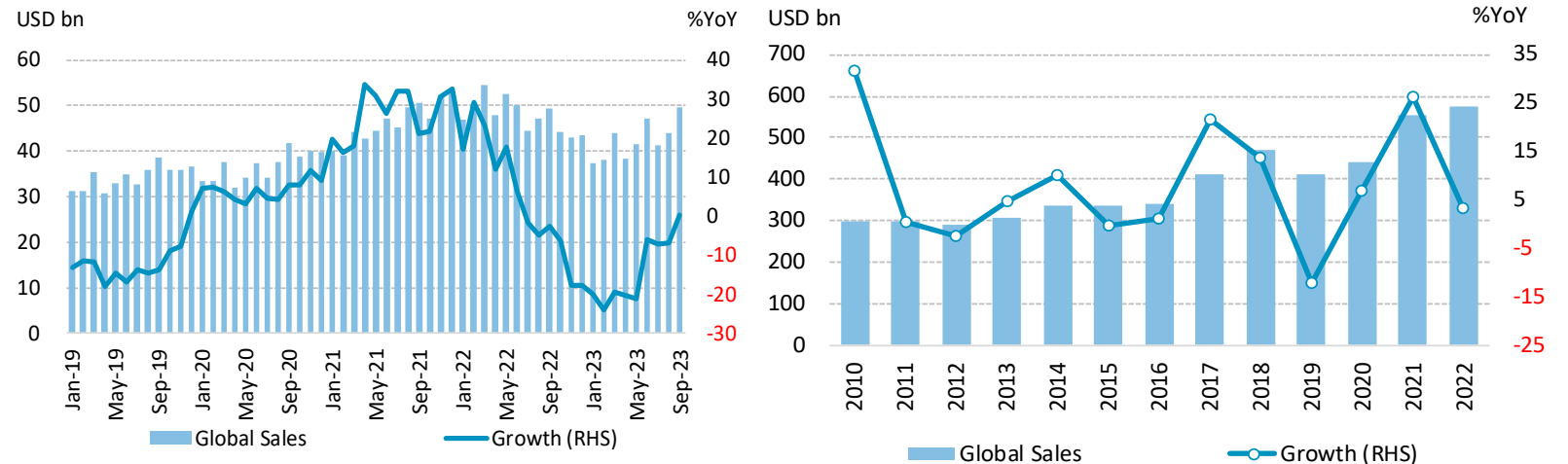
SEAJ Billing (three month avg)



Manufacturing Production Index (MPI)

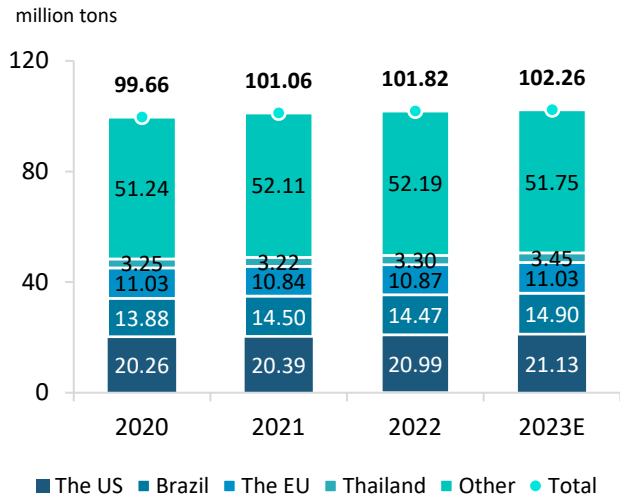


Worldwide Sales of Semiconductors



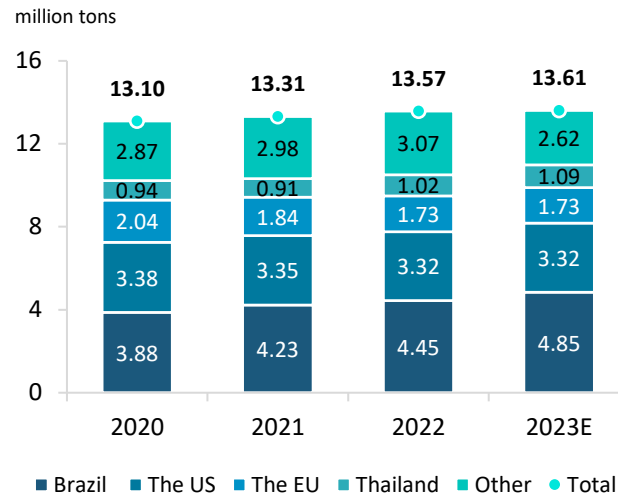
6. Frozen and Processed Chicken (ไก่แช่แข็งและแปรรูป)

World's Chicken Production

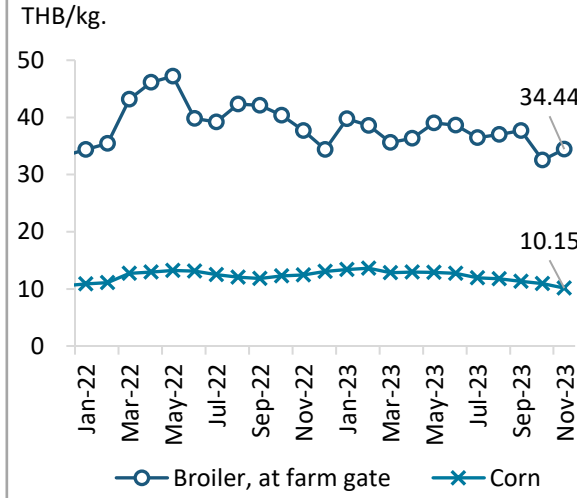


Source: USDA, E = Estimate

World's Chicken Exports

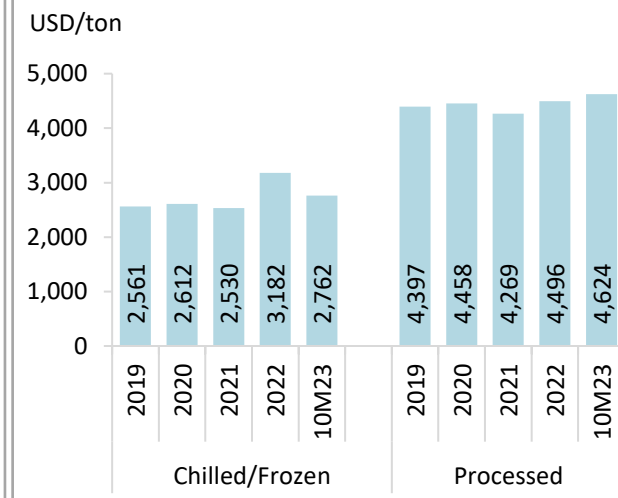


Broiler and Corn Prices



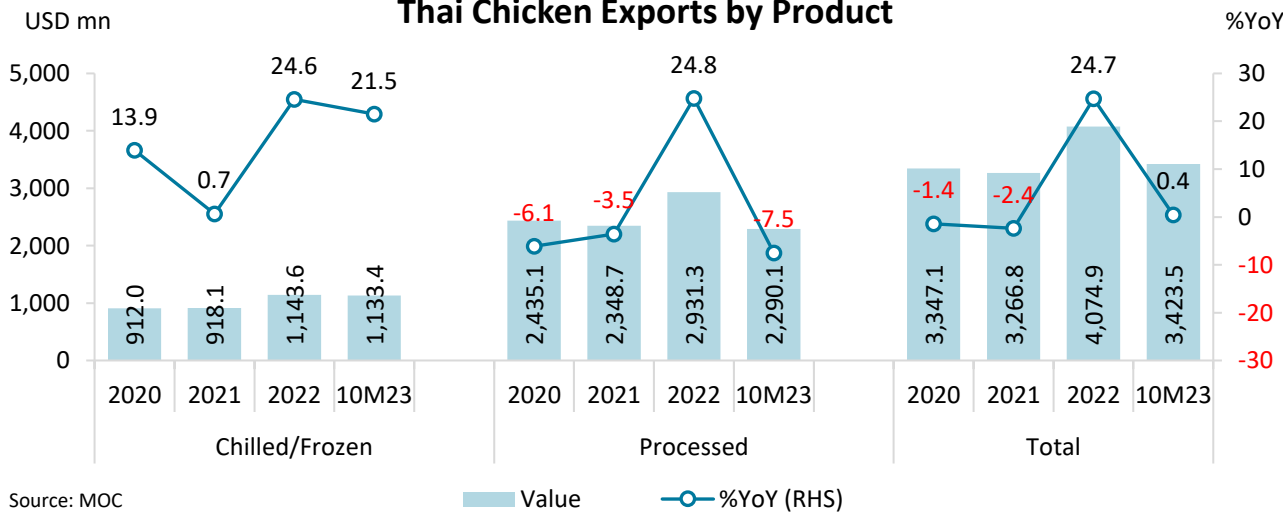
Source: Thai Feed Mill Association

Thai Chicken Export Prices



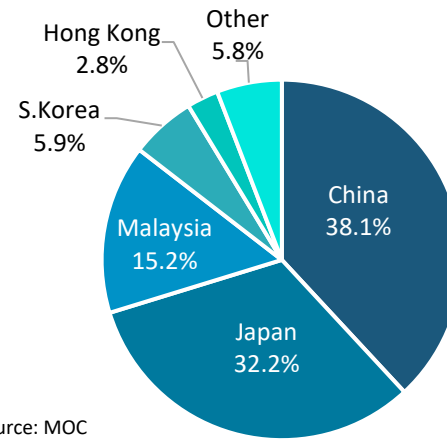
Source: MOC

Thai Chicken Exports by Product



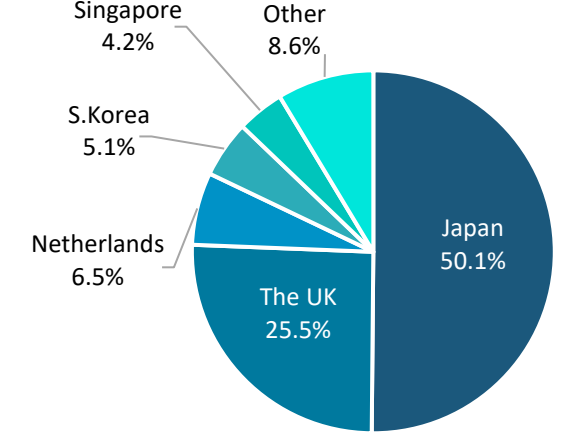
Source: MOC

10M23 Chilled/Frozen Chicken by Destination

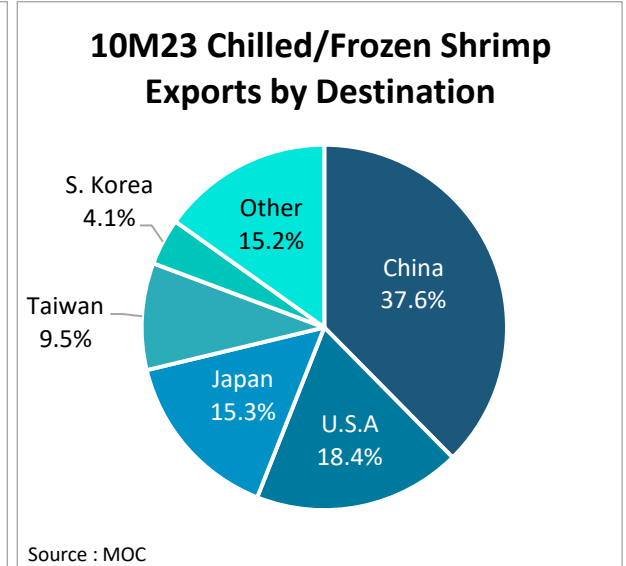
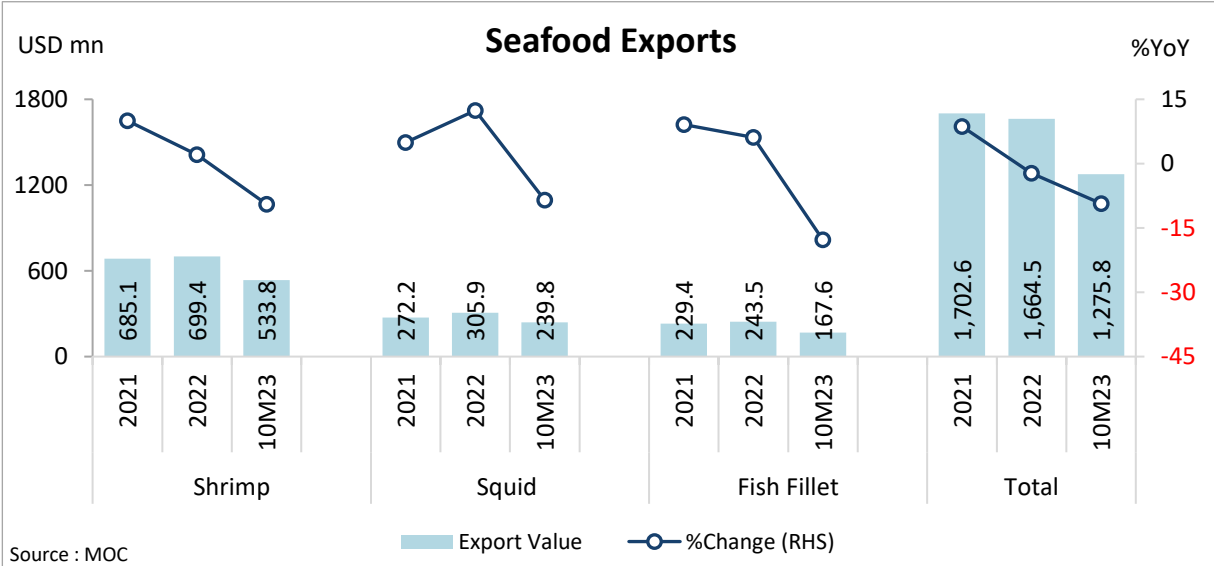
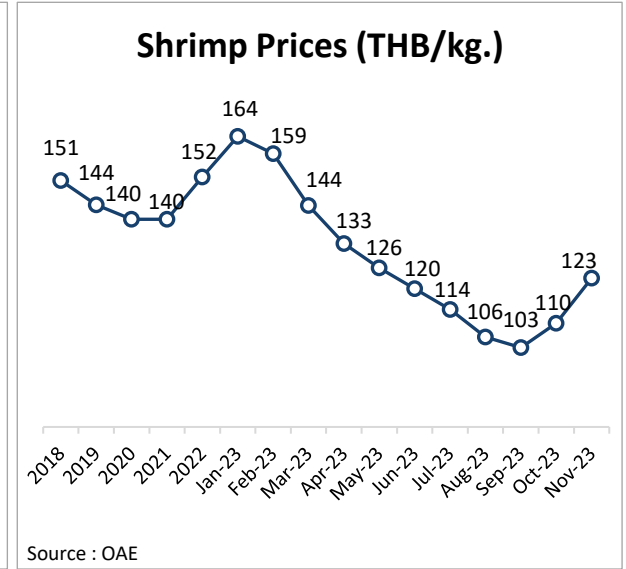
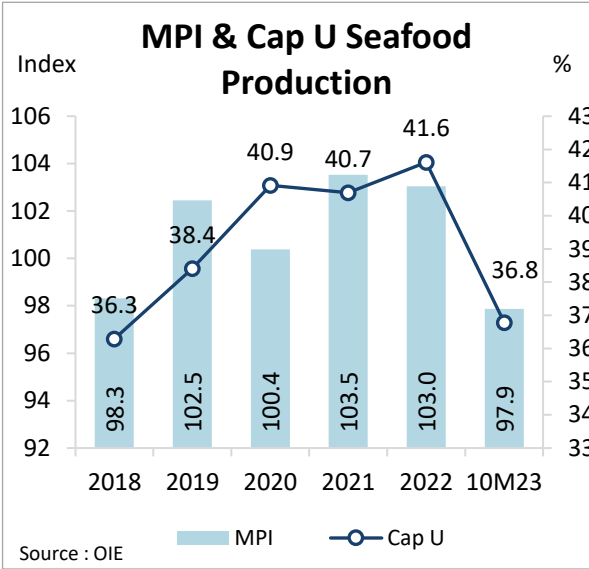
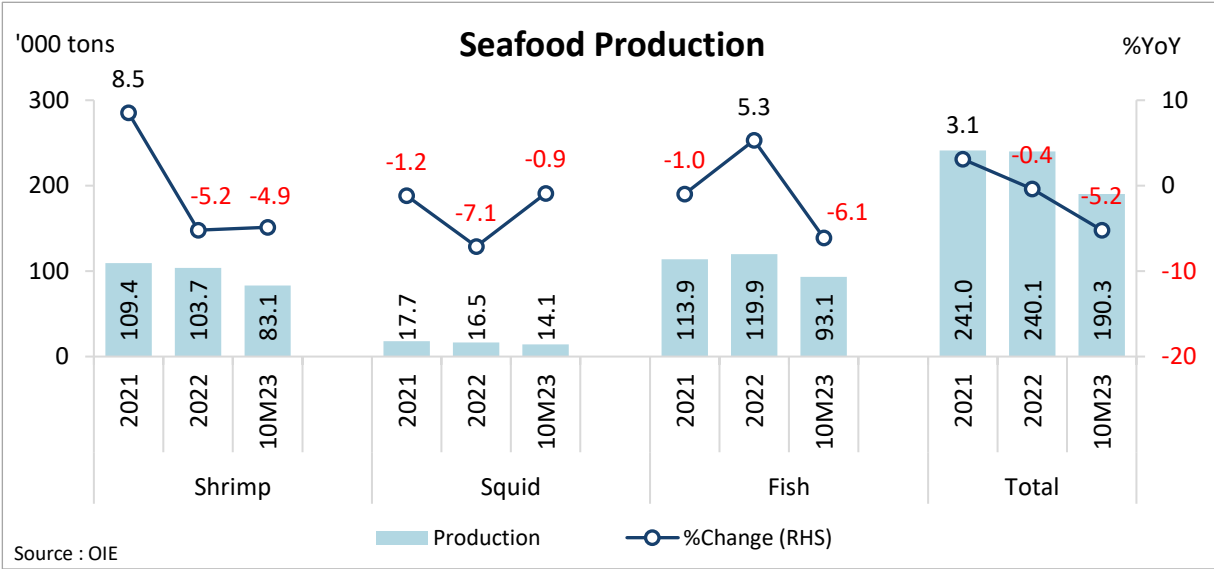


Source: MOC

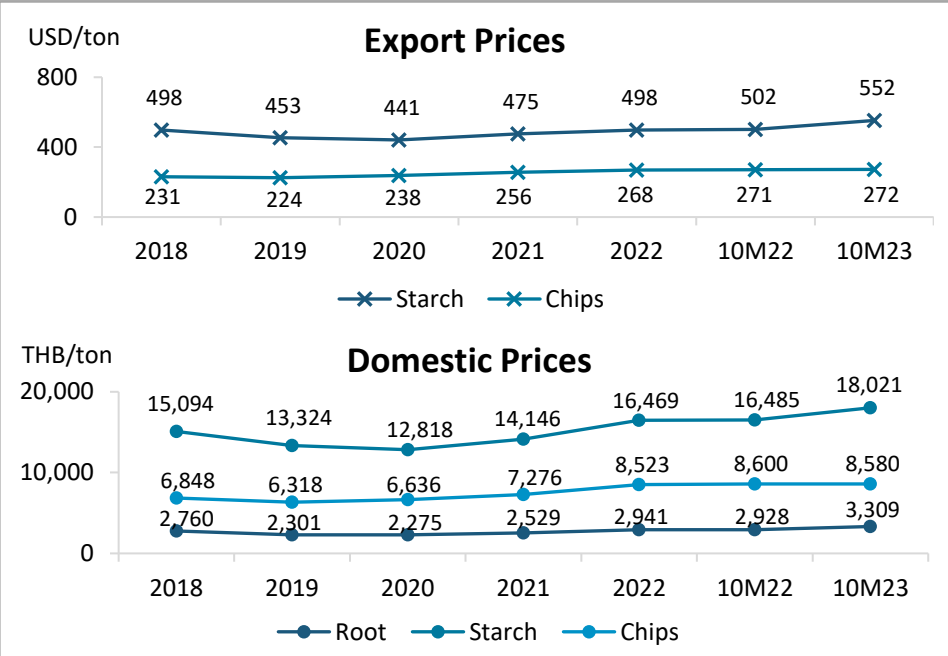
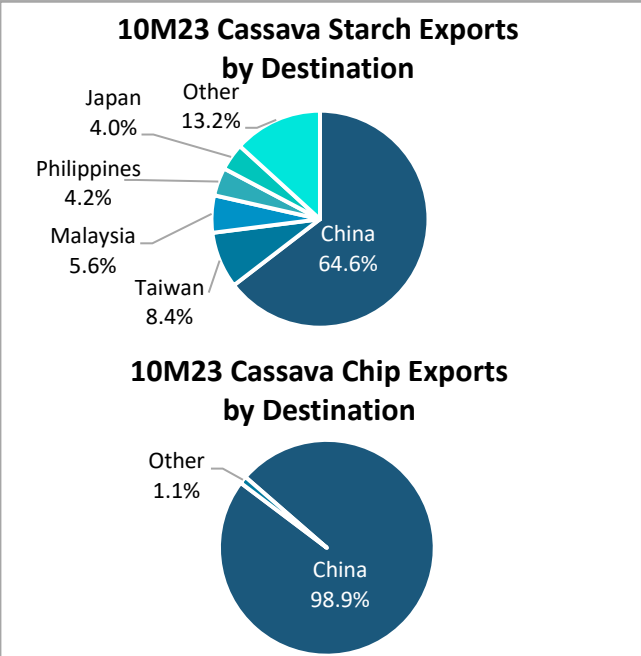
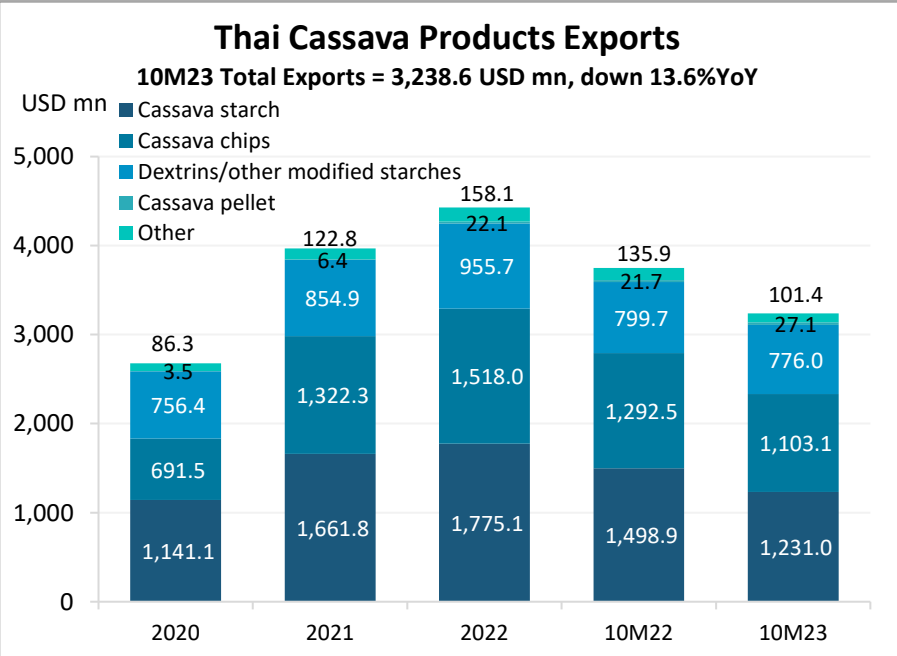
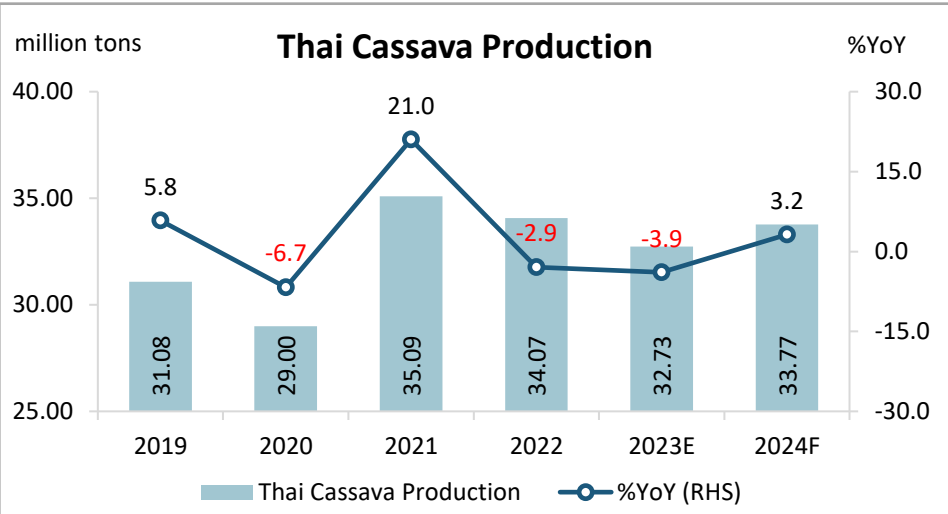
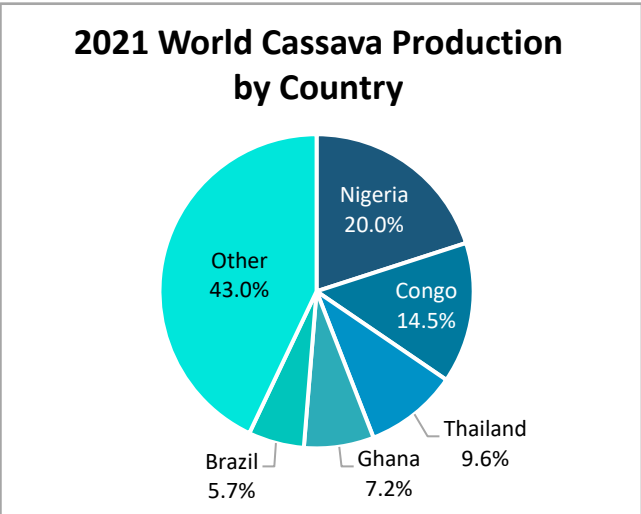
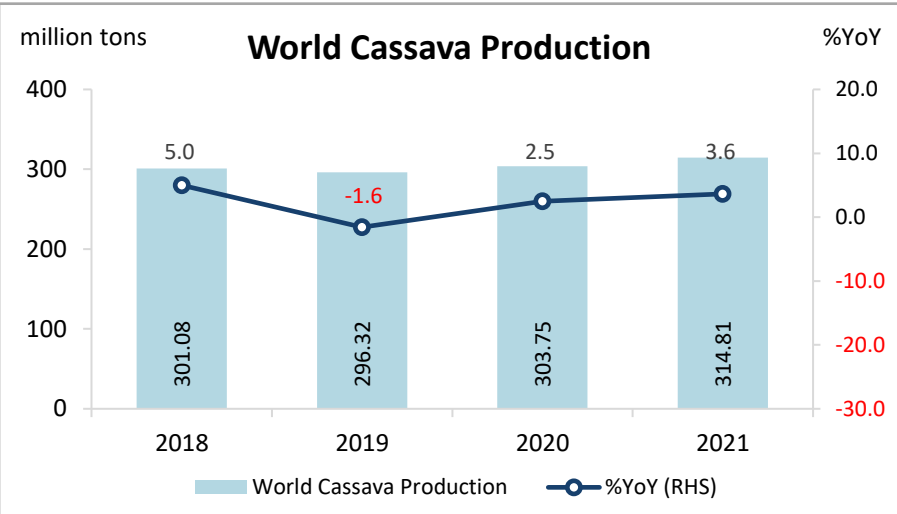
10M23 Processed Chicken by Destination



7. Frozen Seafood (อาหารทะเลแช่แข็ง)



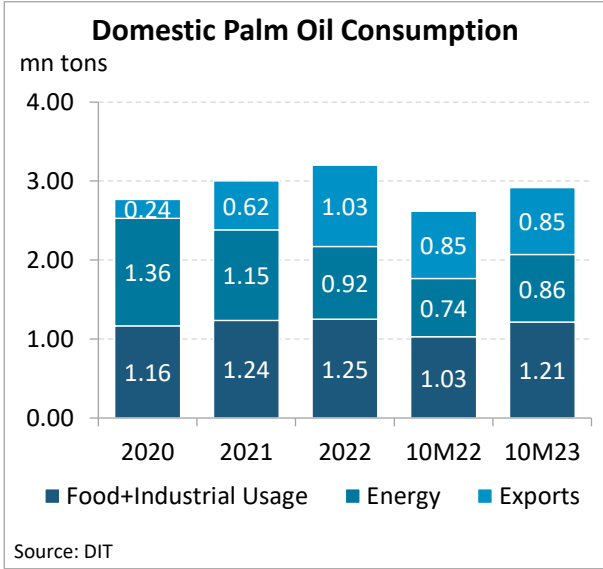
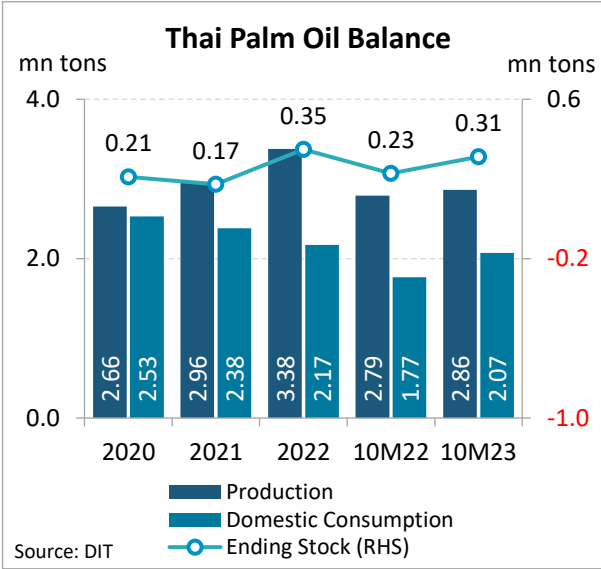
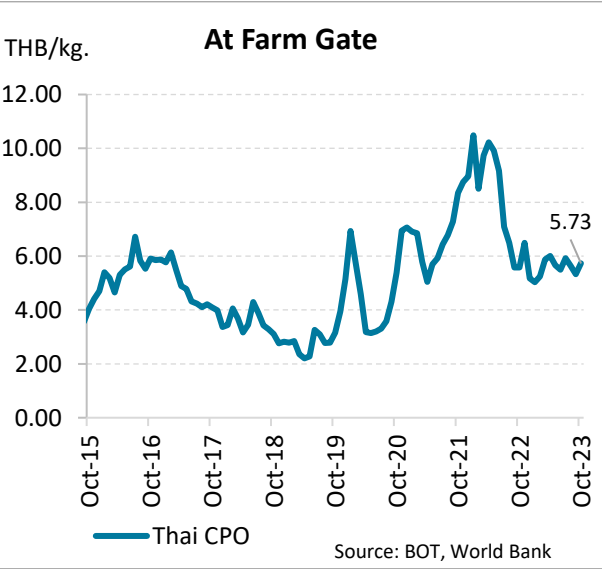
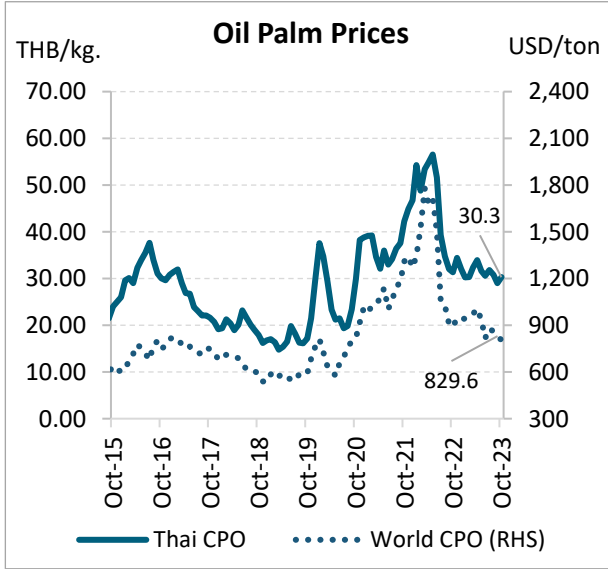
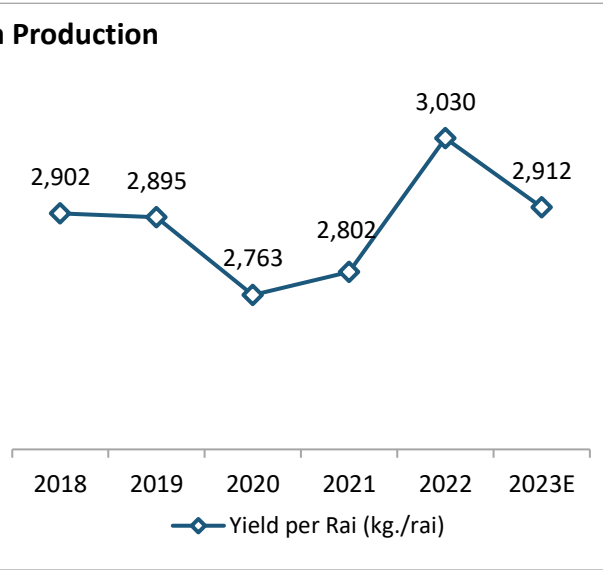
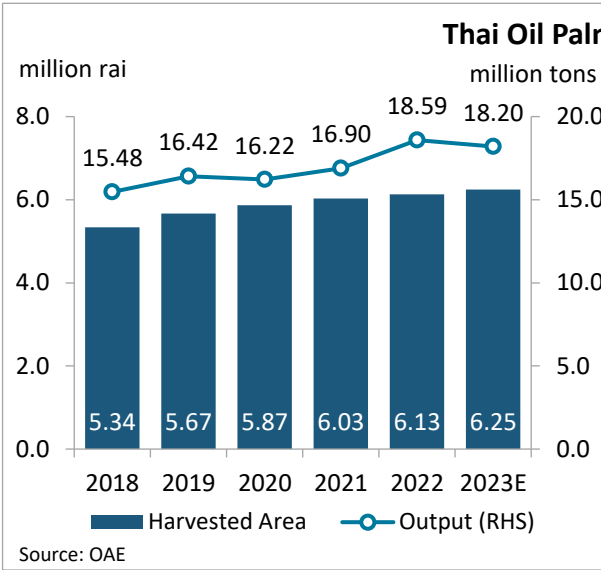
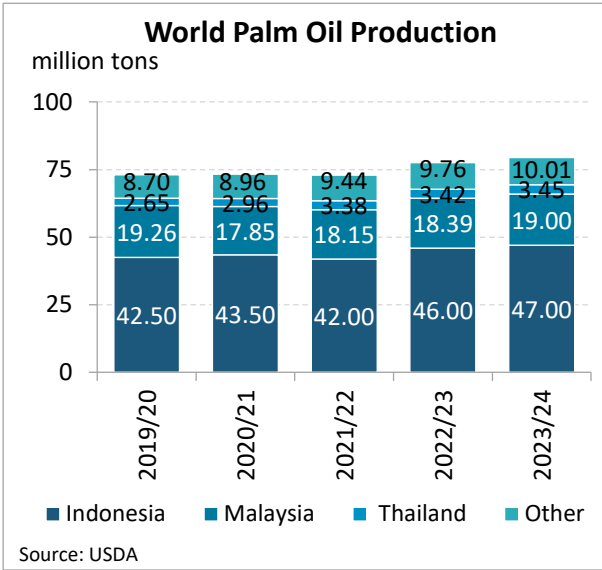
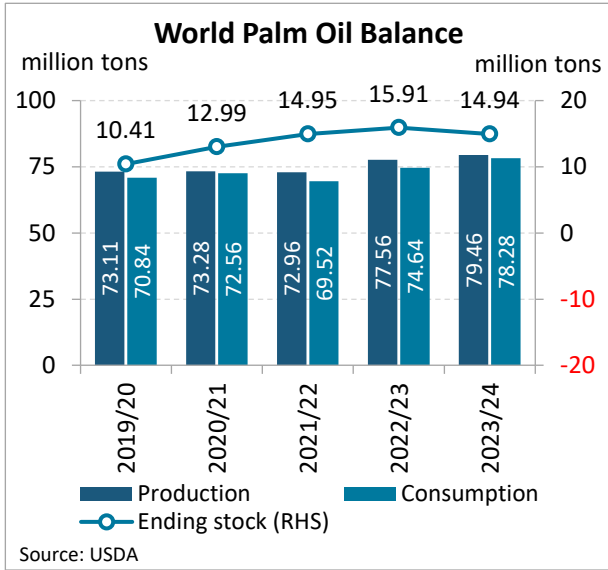
8. Cassava Products (ผลิตภัณฑ์มันสำปะหลัง)



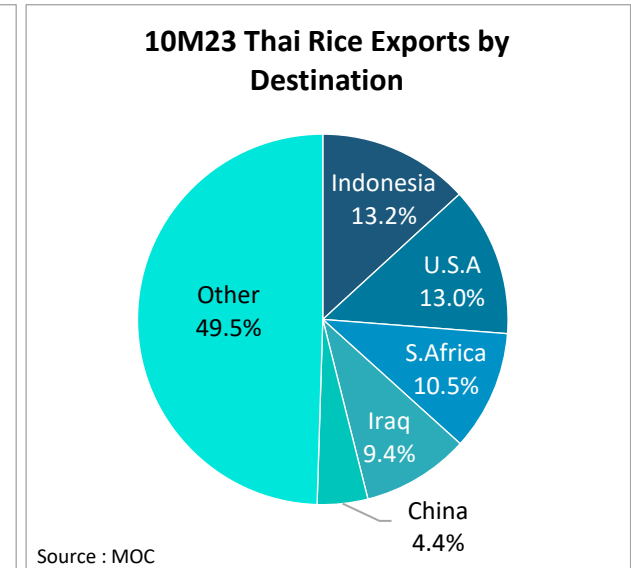
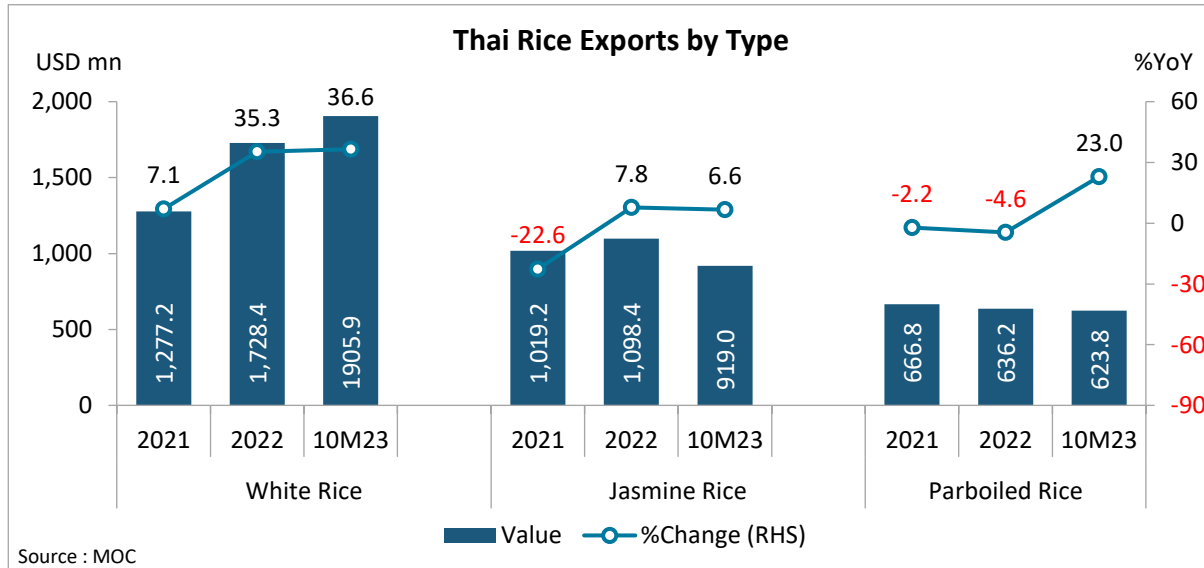
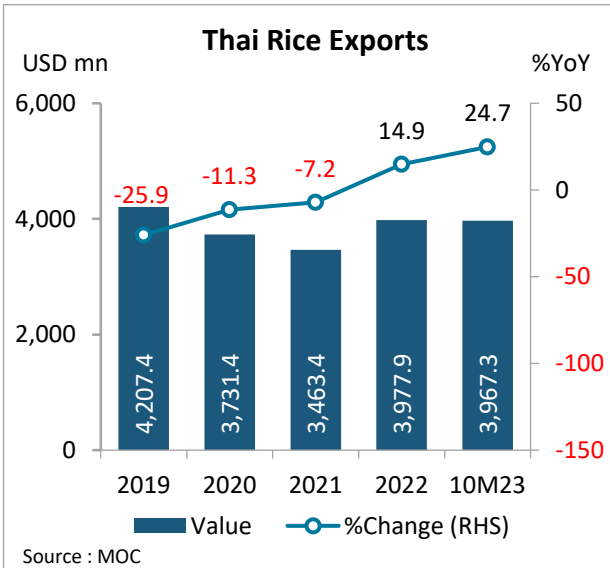
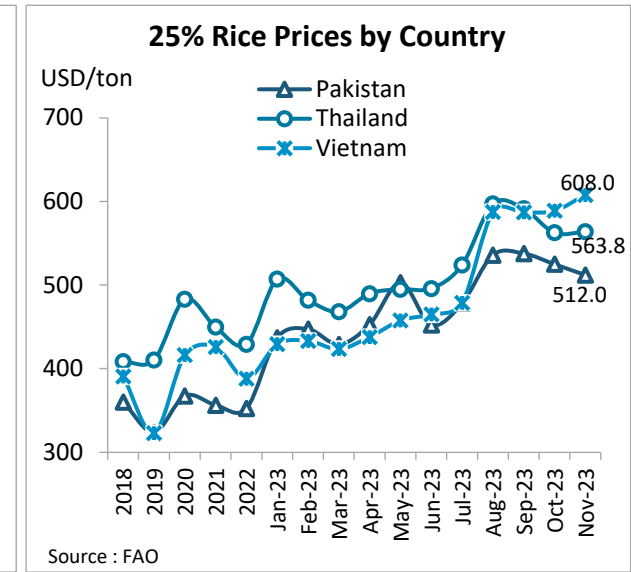
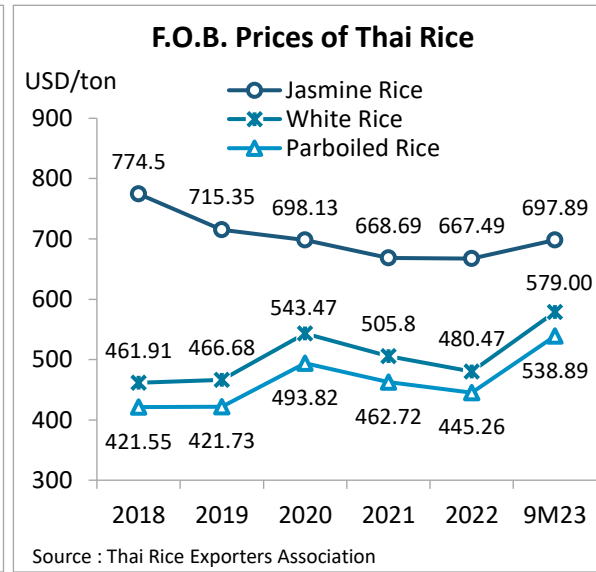
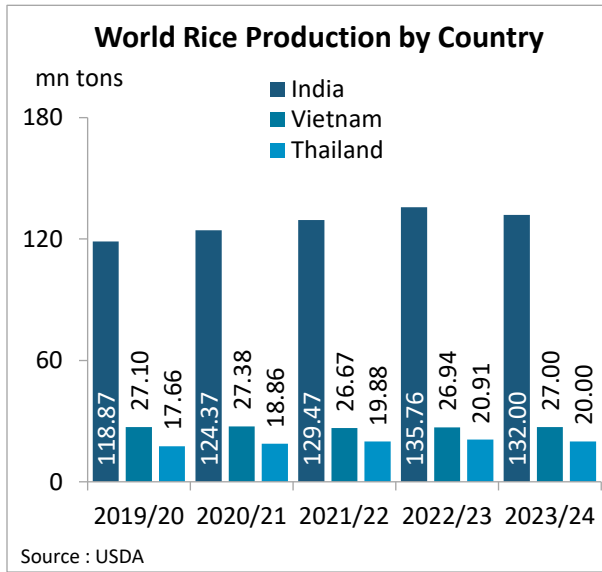
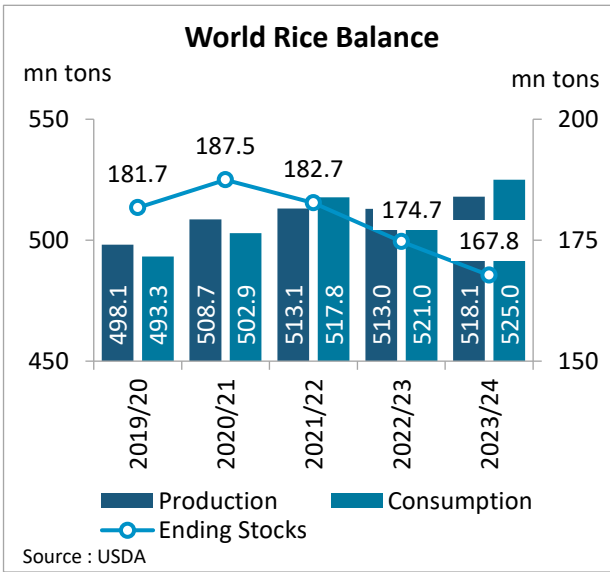
Source: Food and Agriculture Organization of the United Nations, Office of Agricultural Economics, Ministry of Commerce, Thai Tapioca Development Institute

Source: LH Bank Business Research Analysis

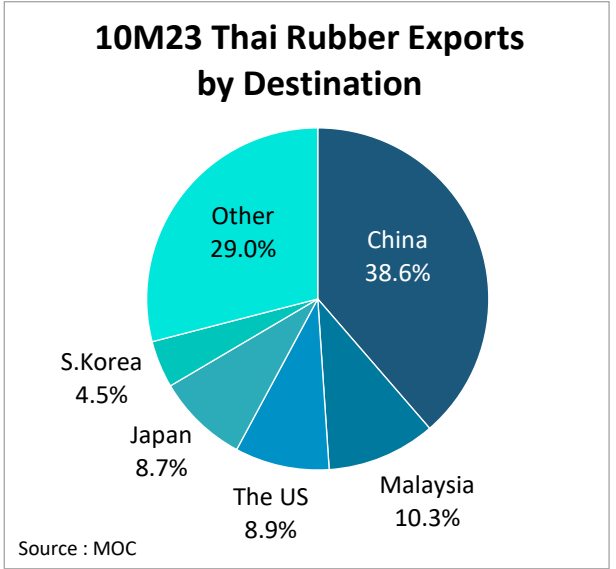
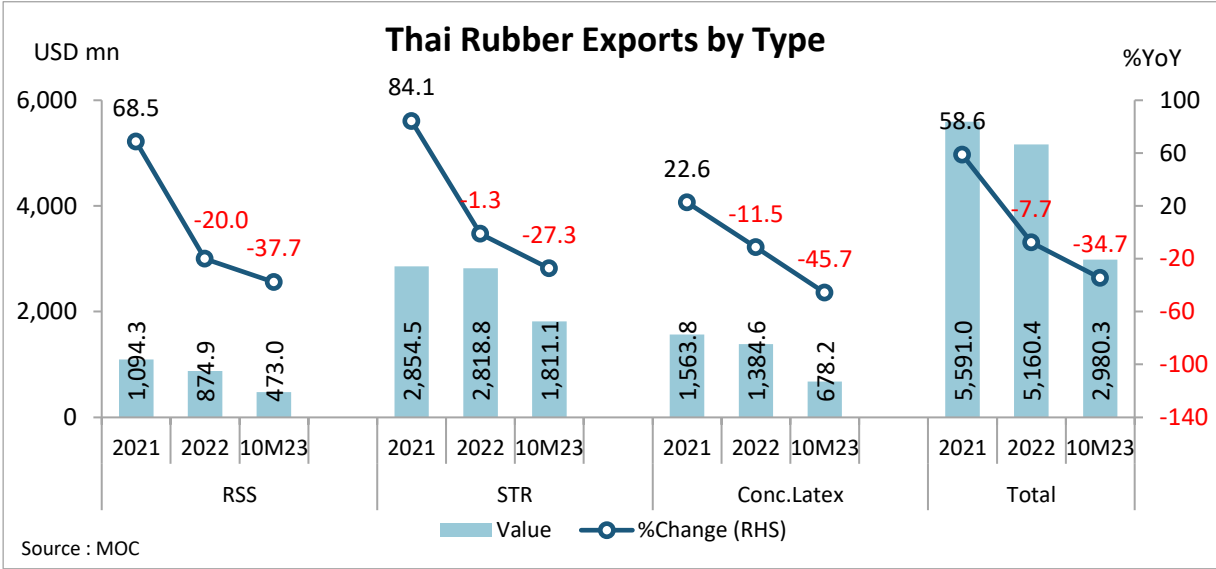
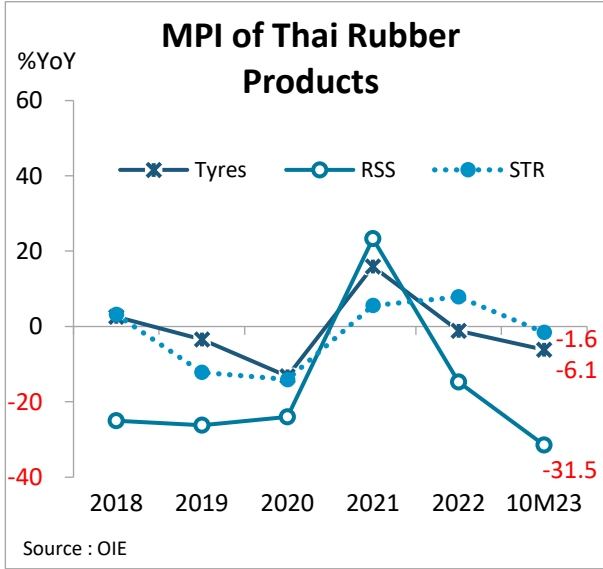
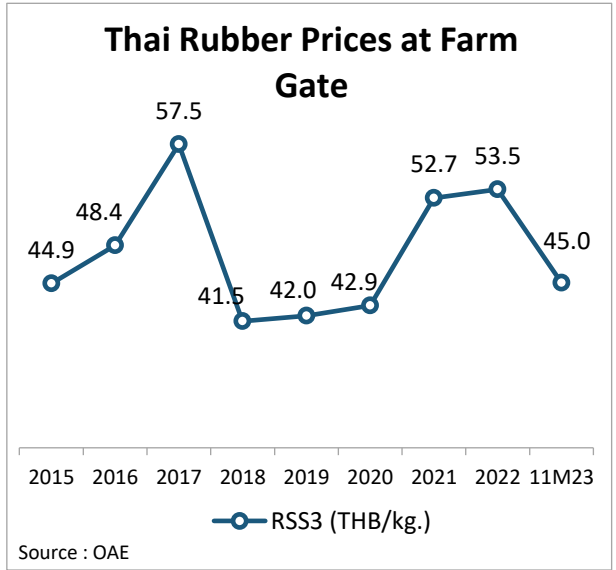
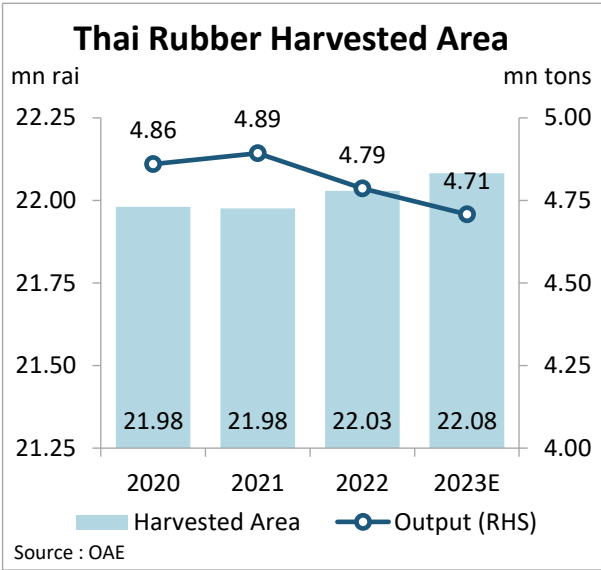
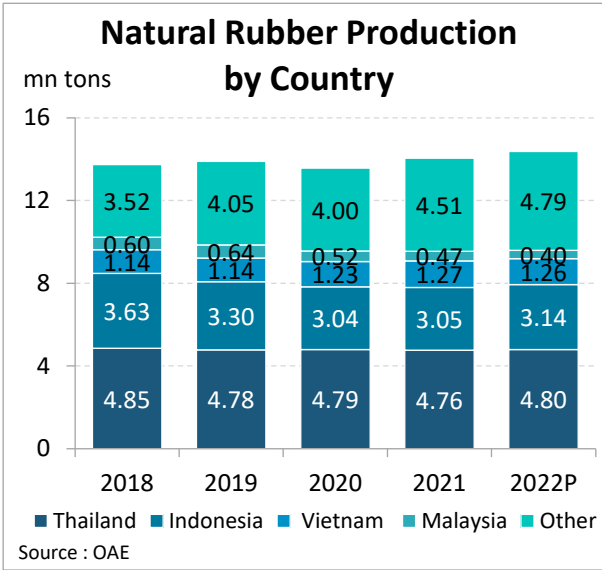
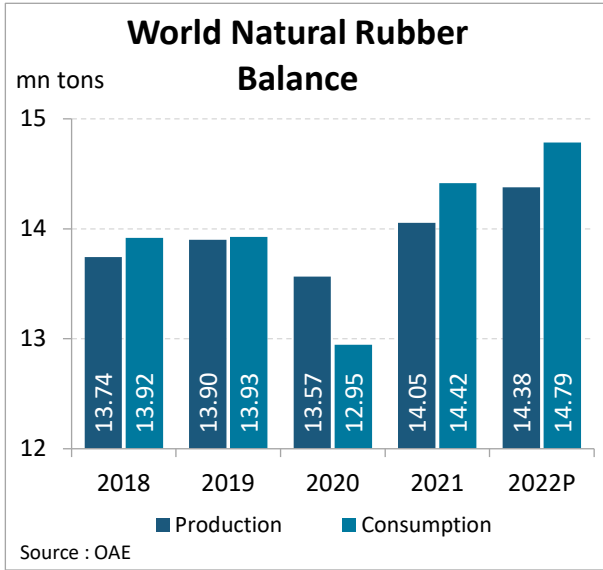
9. Palm Oil (น้ำมันปาล์ม)



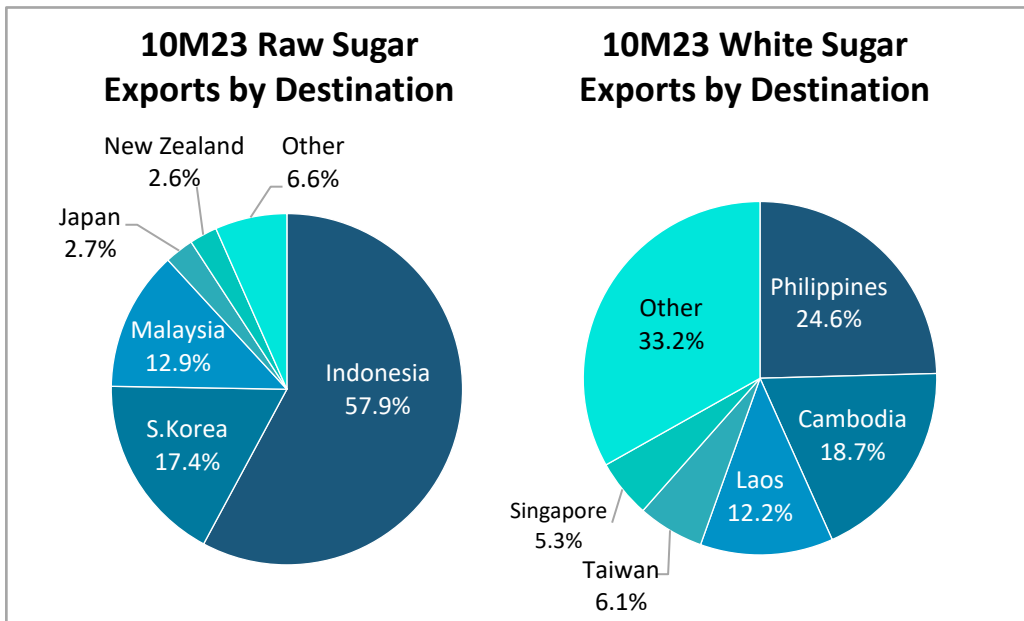
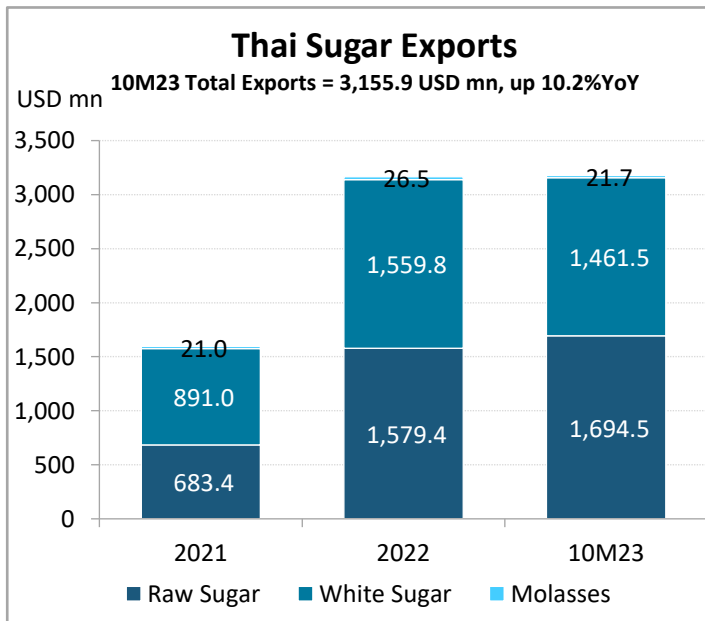
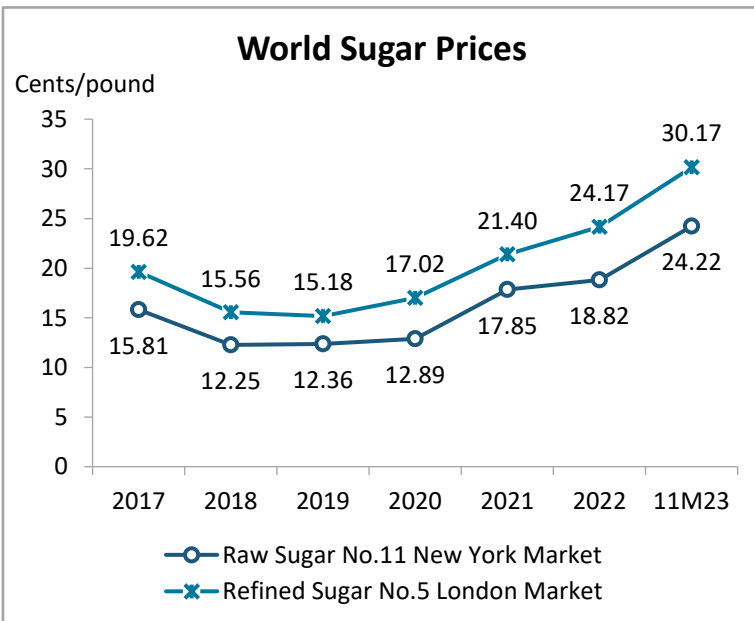
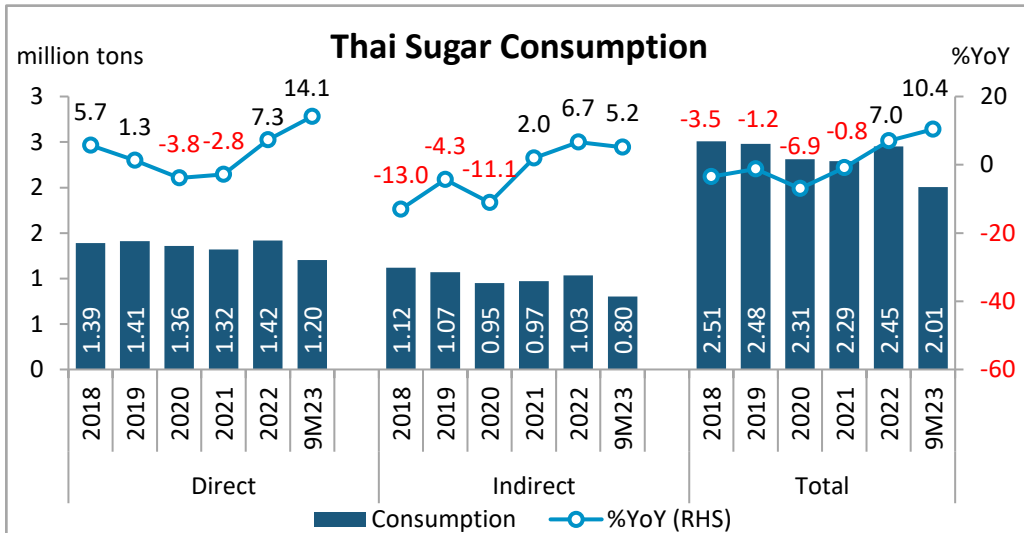
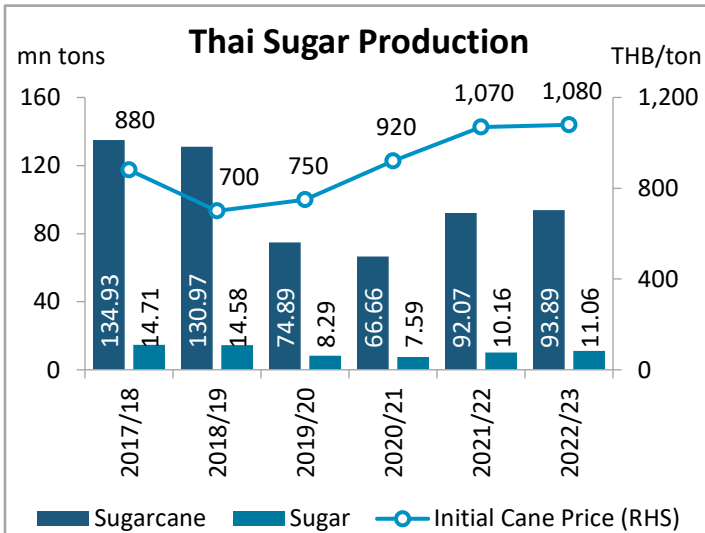
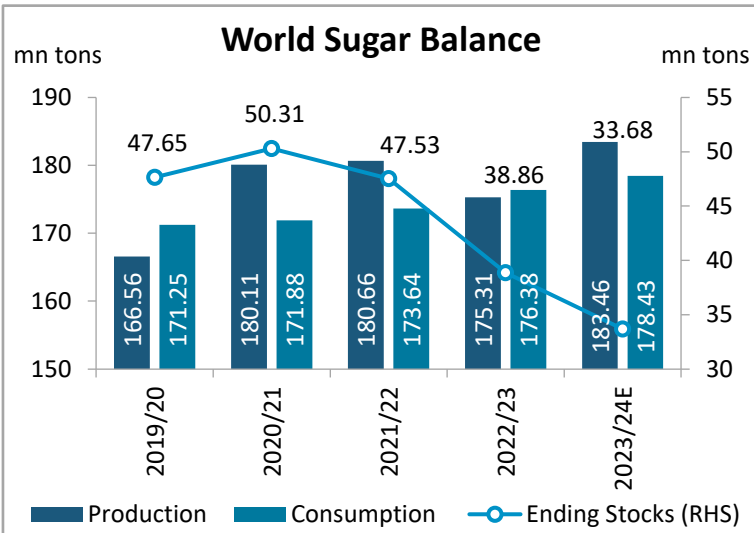
10. Rice (ข้าว)



11. Rubber (ยางพารา)



12. Sugar (น้ำตาล)

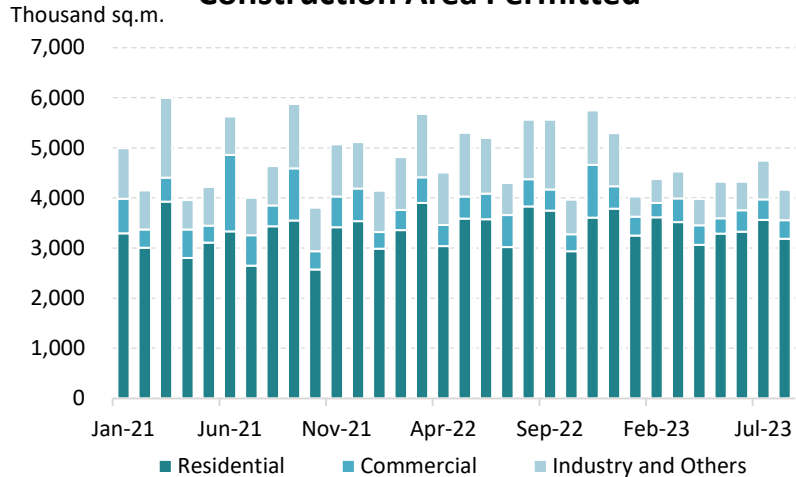


Source: USDA, Office of the Cane and Sugar Board, Ministry of Commerce

Source: LH Bank Business Research Analysis

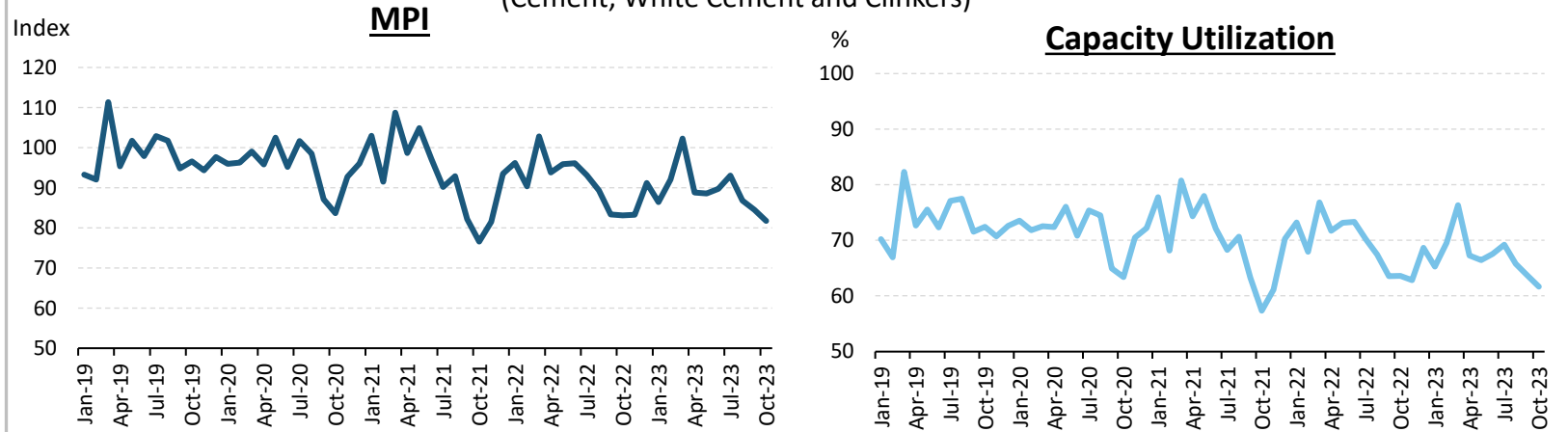
13. Cement (ปูนซีเมนต์)

Construction Area Permitted



Source: Toyota, FTI

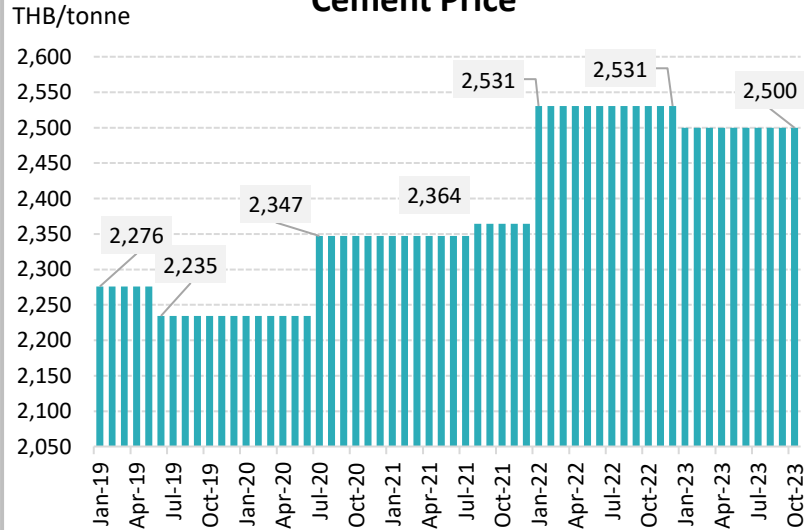
MPI & Capacity Utilization (Cement, White Cement and Clinkers)



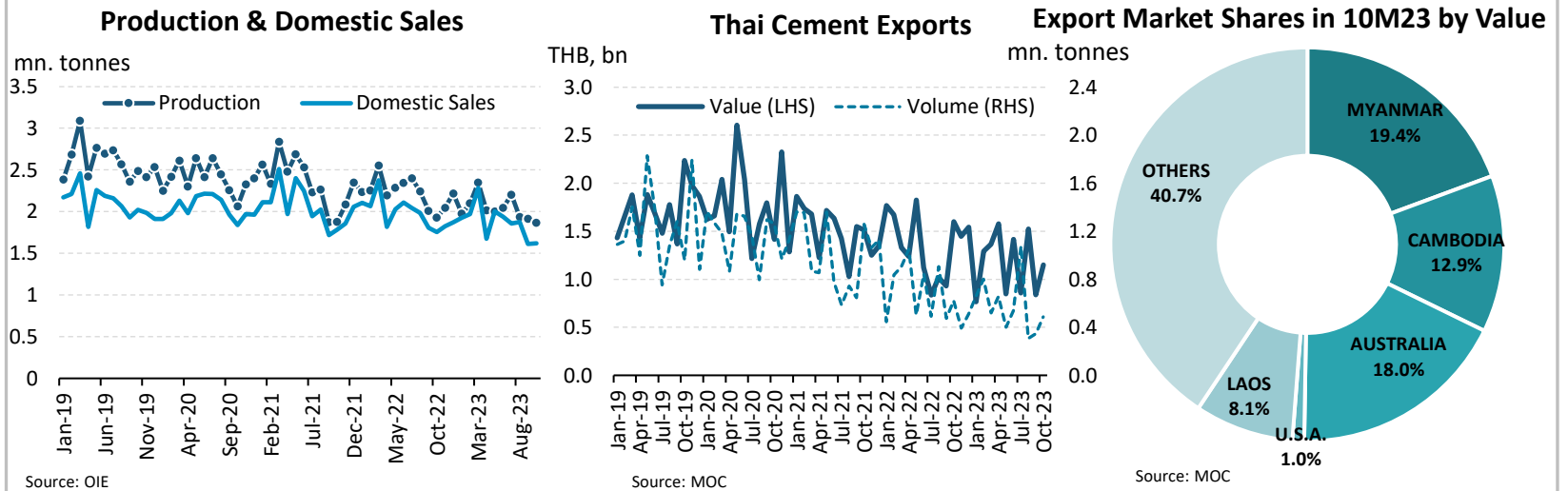
Note: MPI as of the base year (2016=100)
Source: OIE

Source: Semiconductor Equipment Association of Japan (SEAJ)

Cement Price



Thai Cement Production, Domestic Sales and Exports



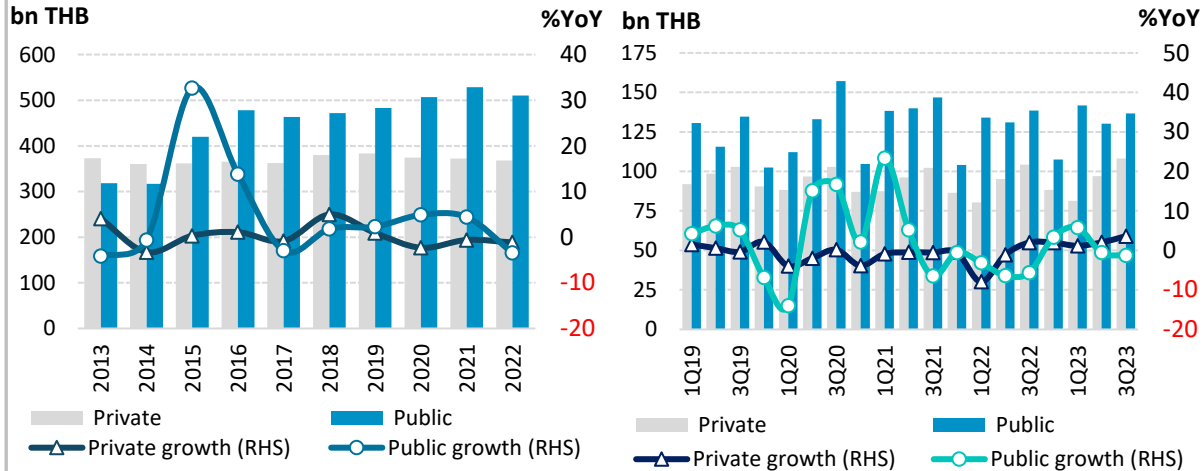
Source: OIE

Source: MOC

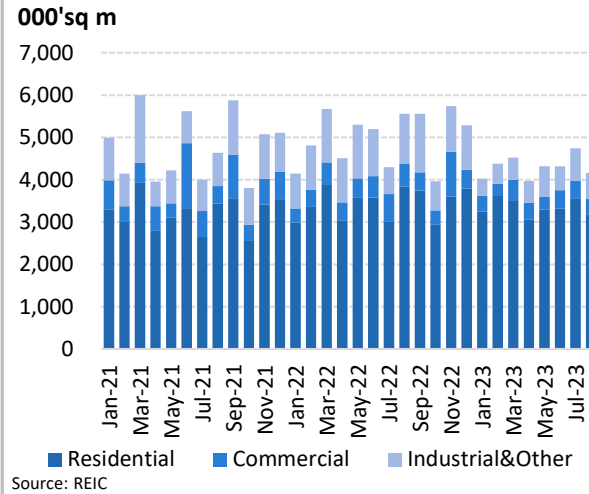
Source: MOC

14. Construction Contractor (รับเหมาก่อสร้าง)

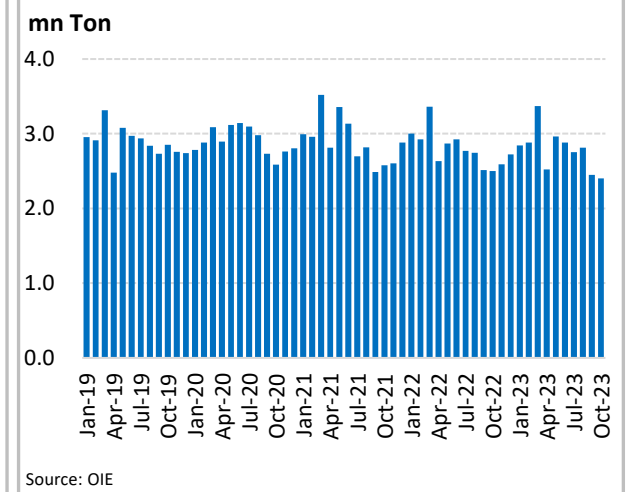
Construction Gross Fixed capital (constant price)



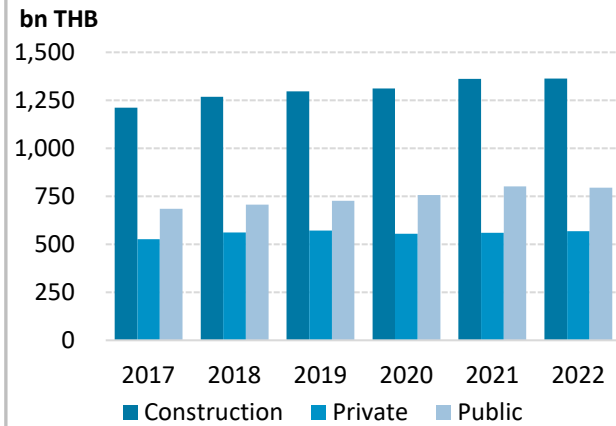
Construction areas permitted



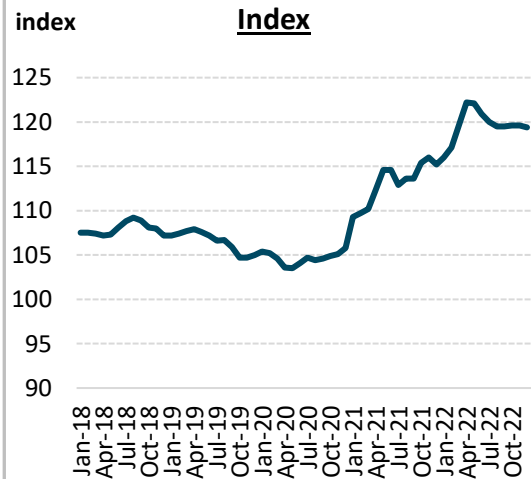
Domestic Cement Sales



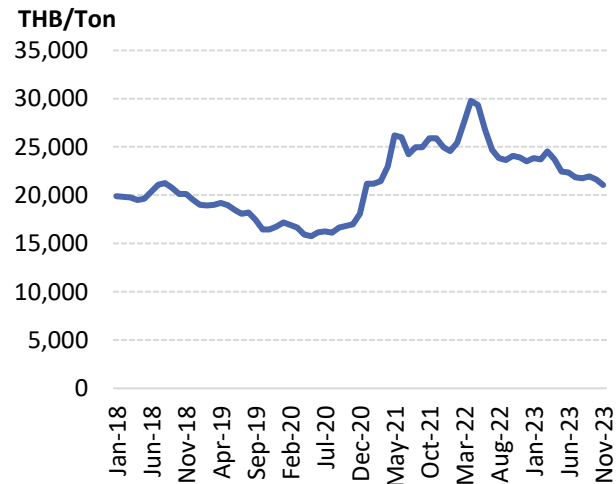
Construction Gross Fixed capital (current price)



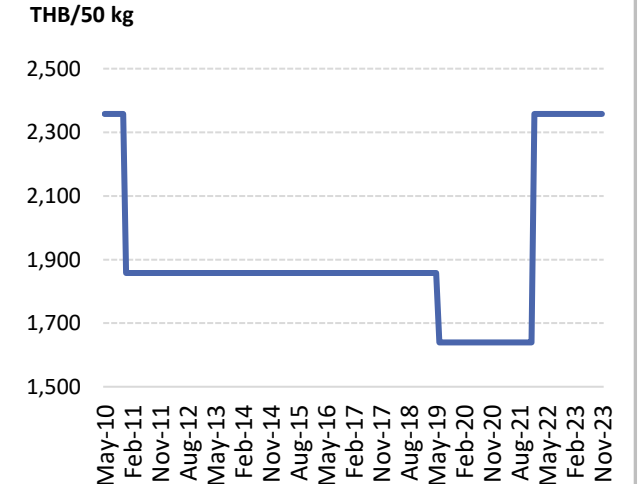
Construction Materials Price



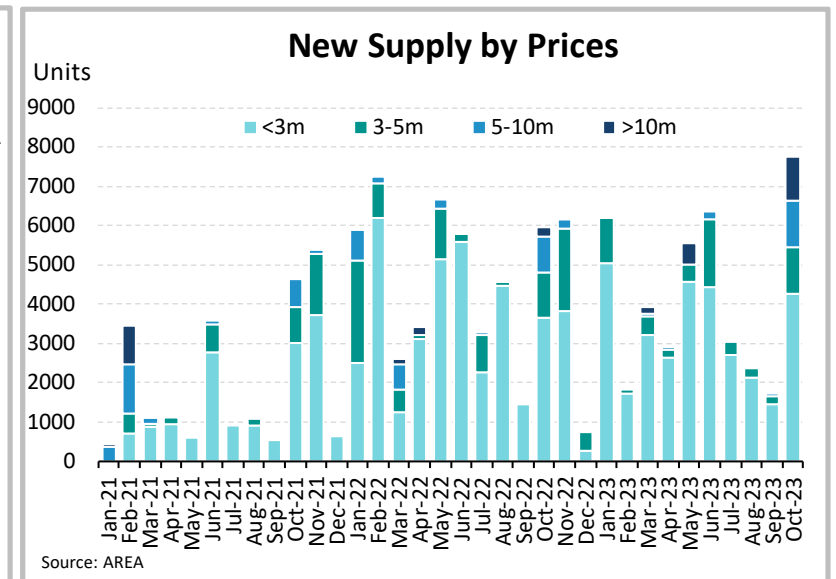
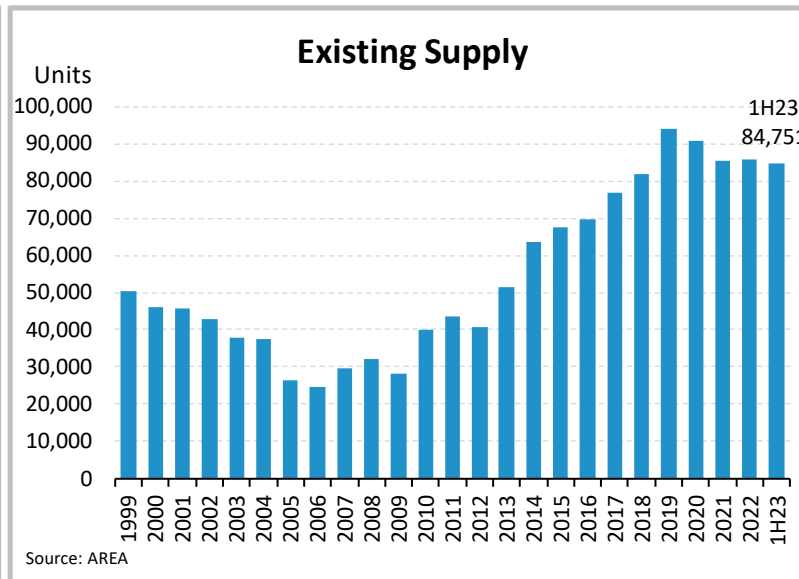
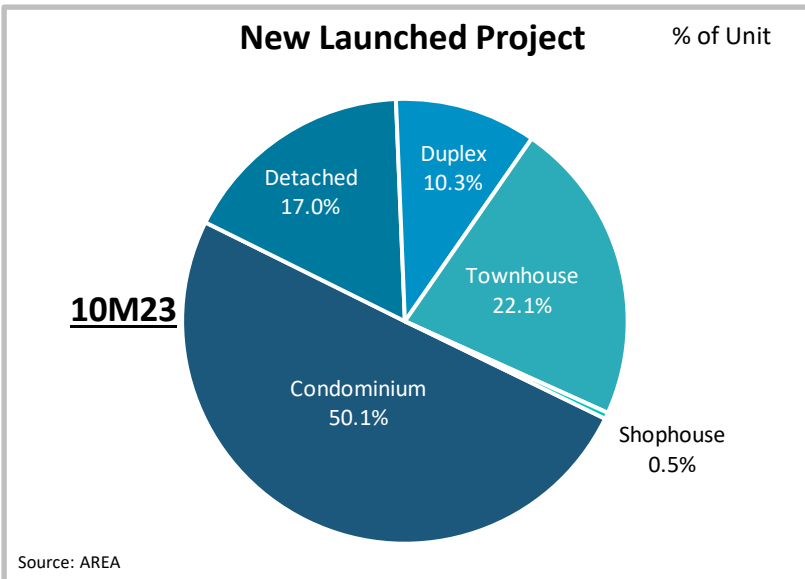
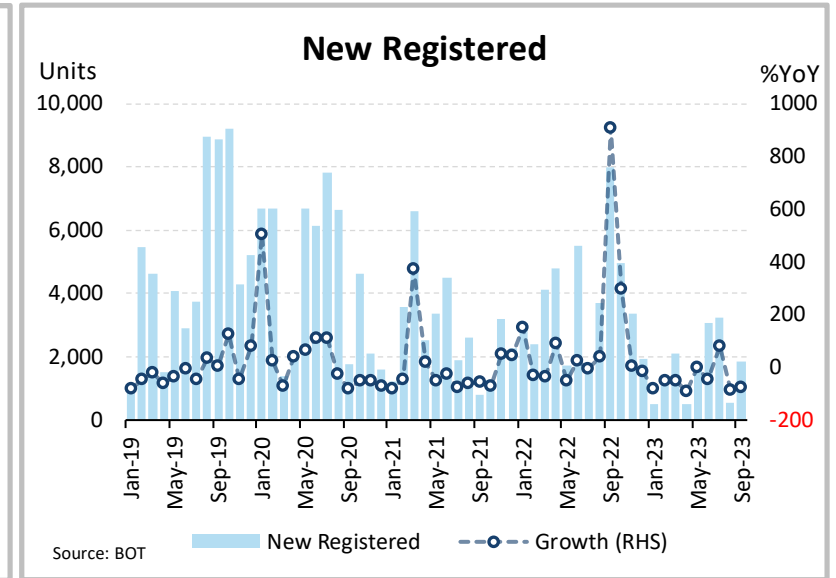
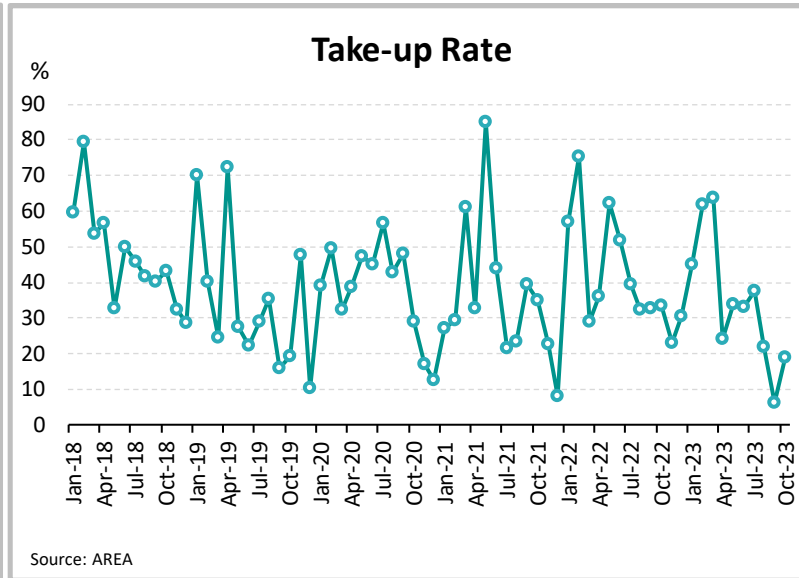
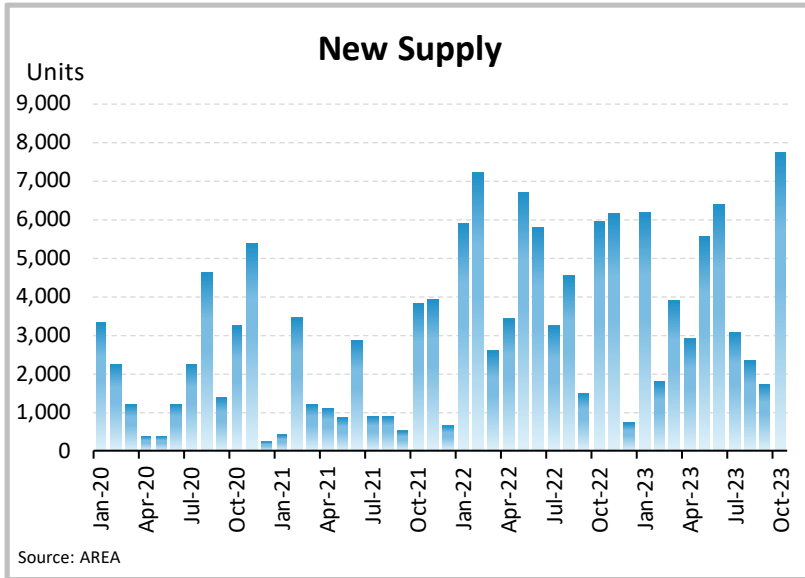
Construction Material Price Domestic Steel Price (wire rod 9 mm)



Domestic Cement Price

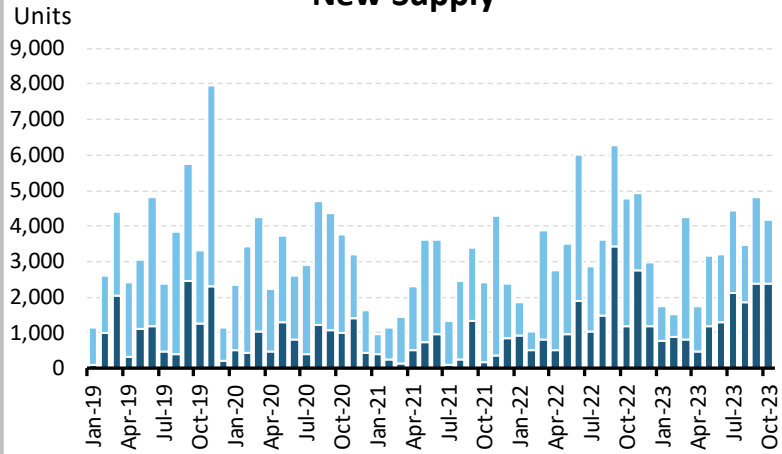


15. Condominiums in BRM (คอนโดมิเนียม)



16. Low-rise Housing in BRM (บ้านจัดสรร)

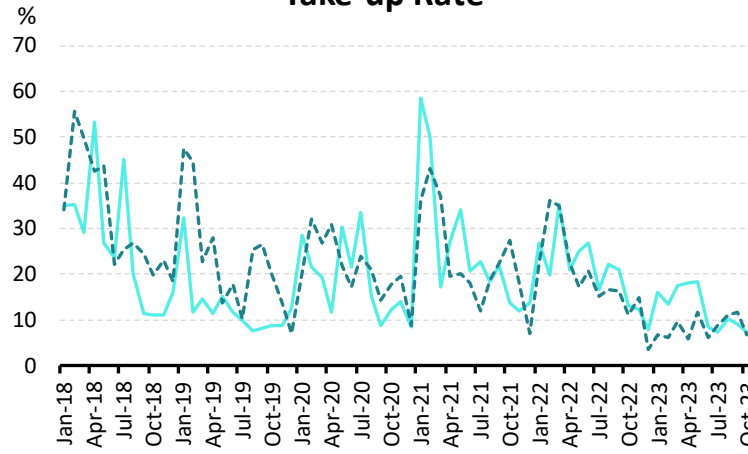
New Supply



Source: AREA

■ Detached houses ■ Townhouses

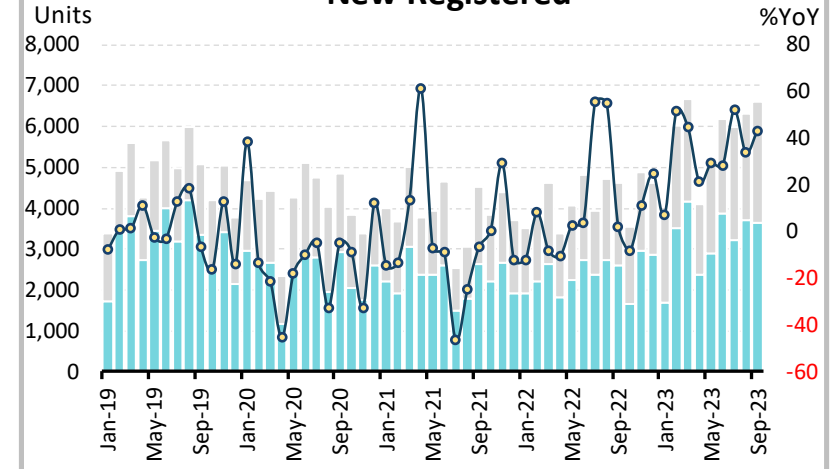
Take-up Rate



Source: AREA

— Detached houses - - - Townhouses

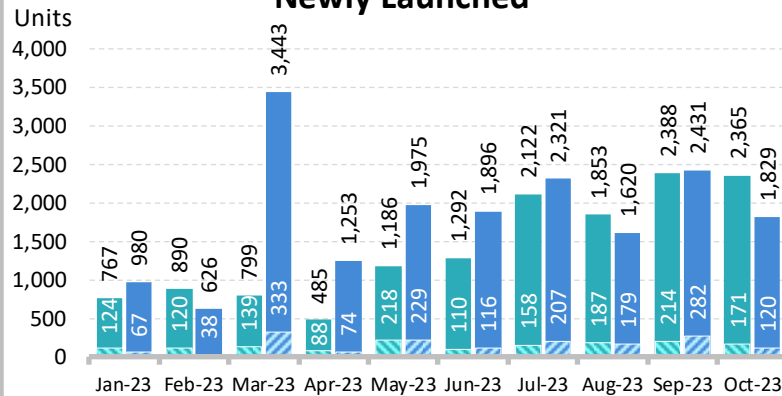
New Registered



Source: BOT

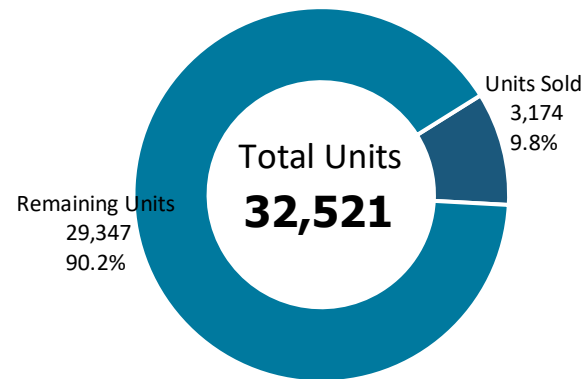
■ Housing Project ■ Self - Built Housing — % Growth (RHS)

Newly Launched



Source: AREA

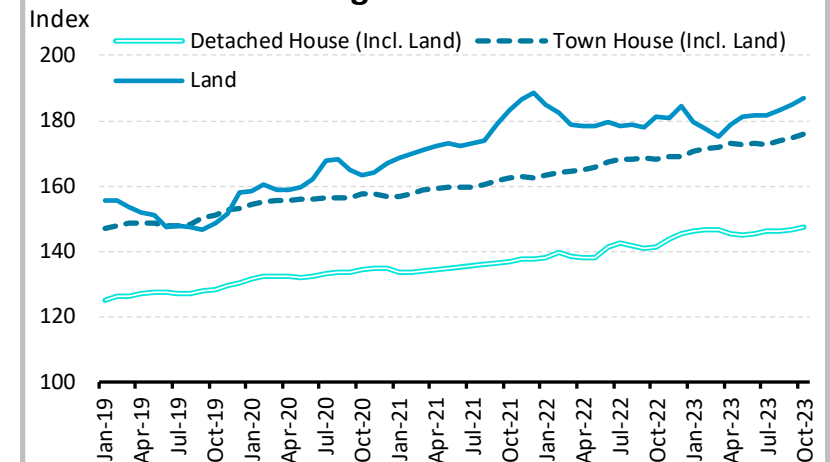
Low-Rise Housing Market* (10M23) (Newly Launched)



Source: AREA

*Detached house And Townhouse

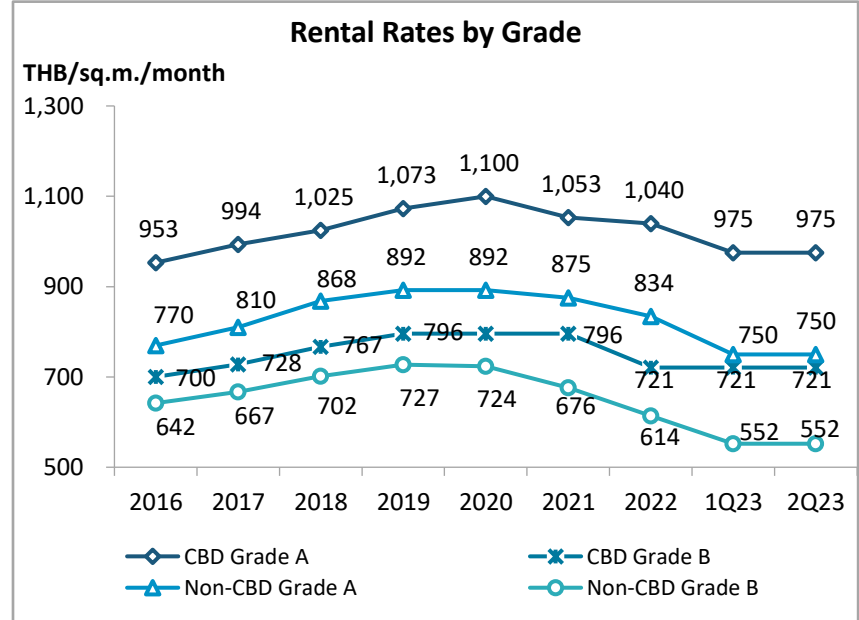
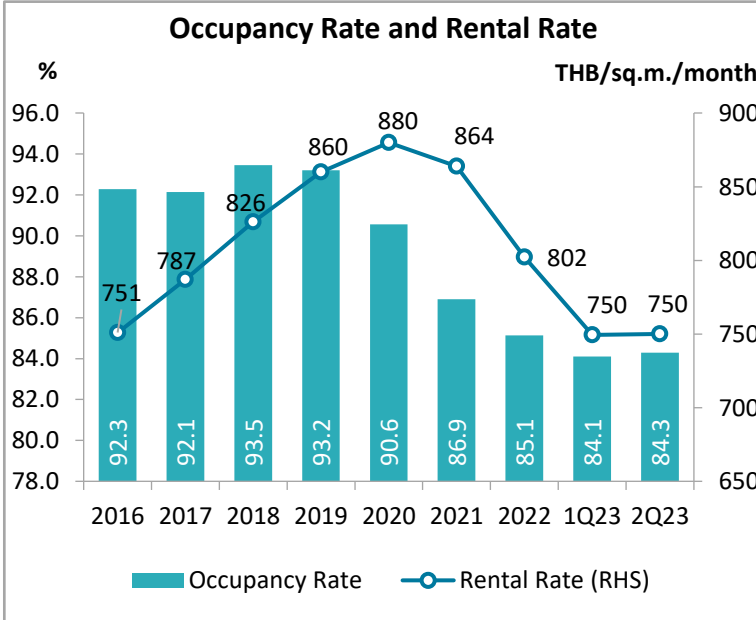
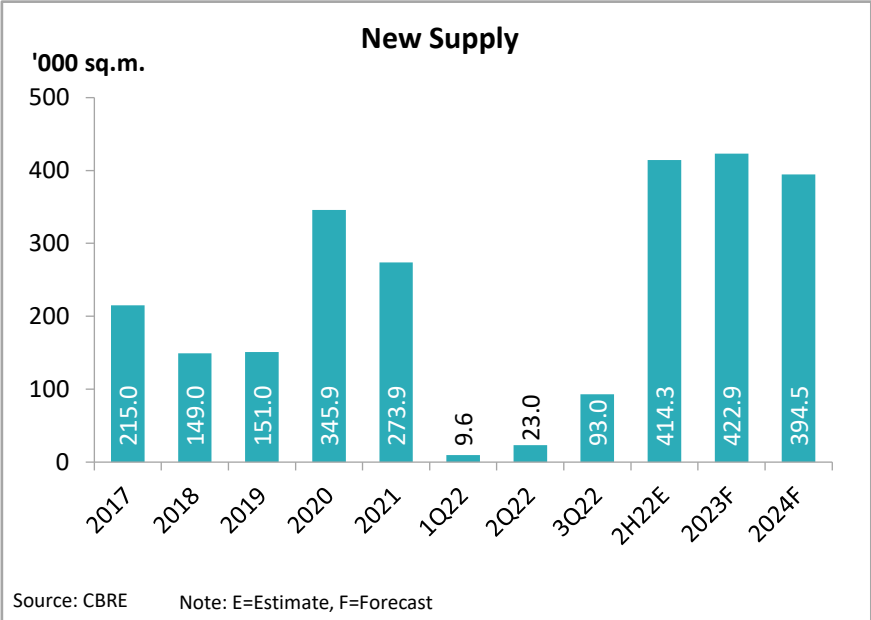
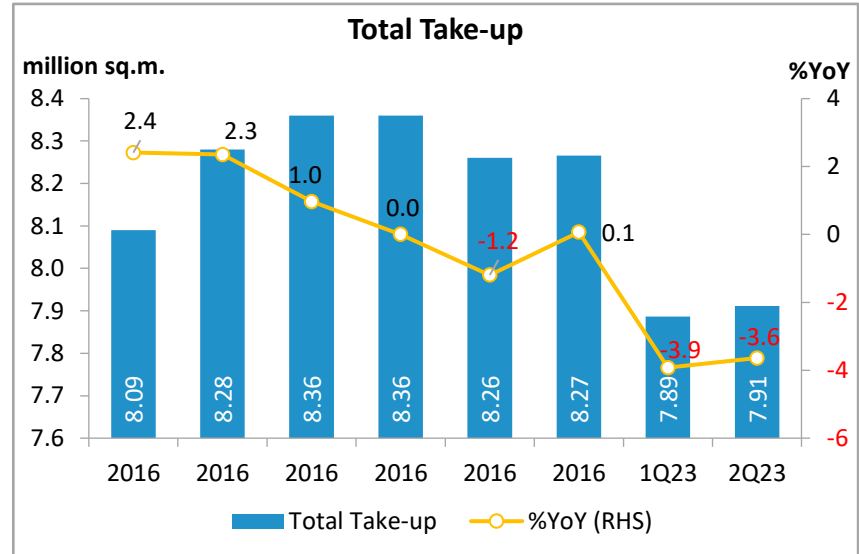
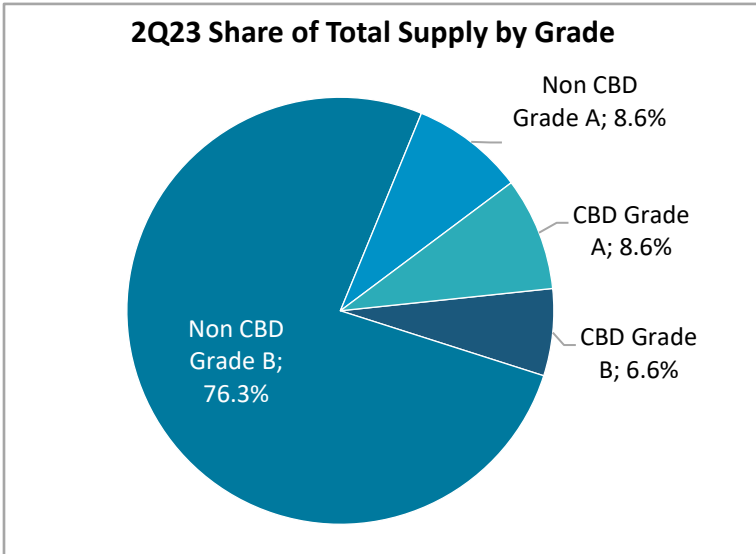
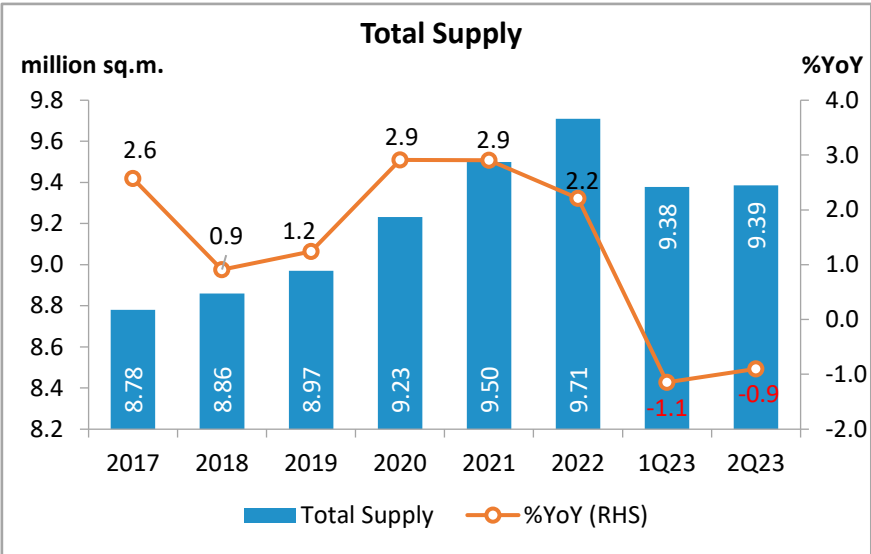
Housing Price Index



Note: based year 2011 = 100

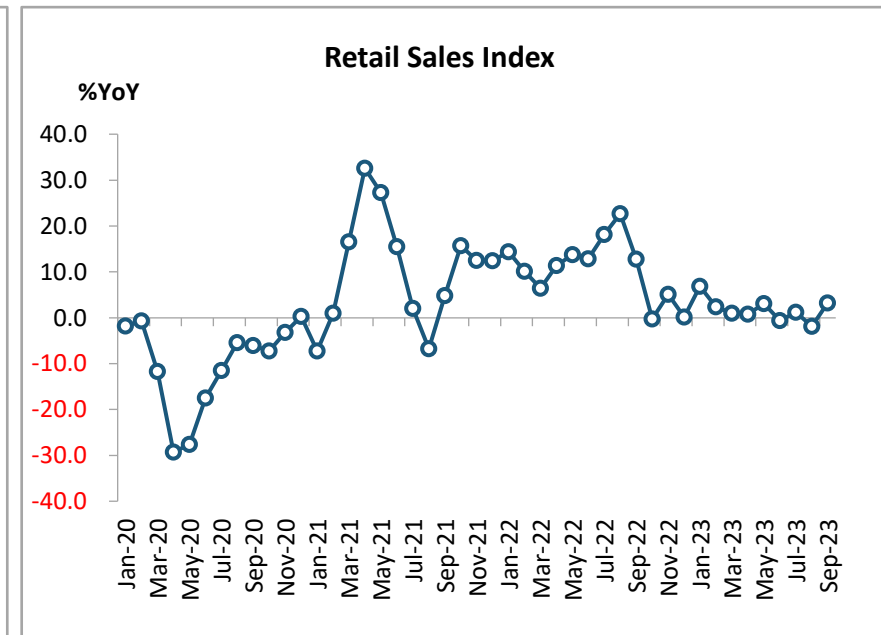
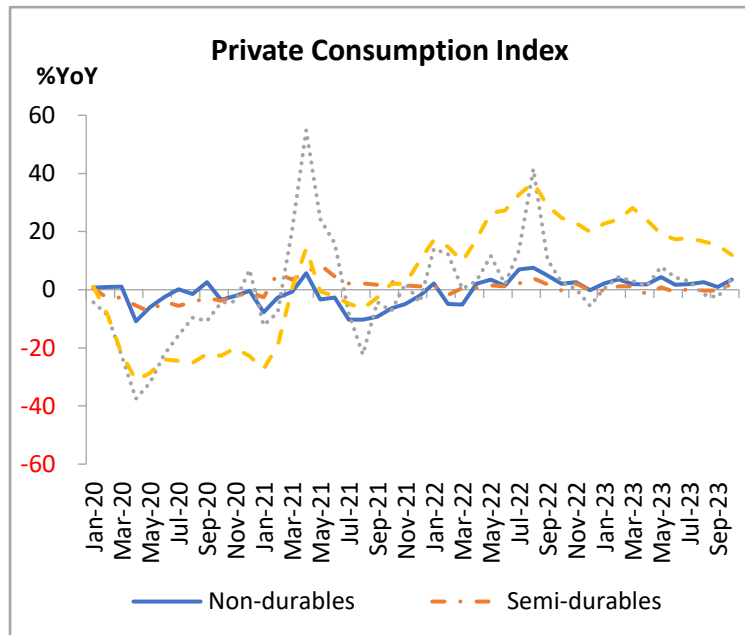
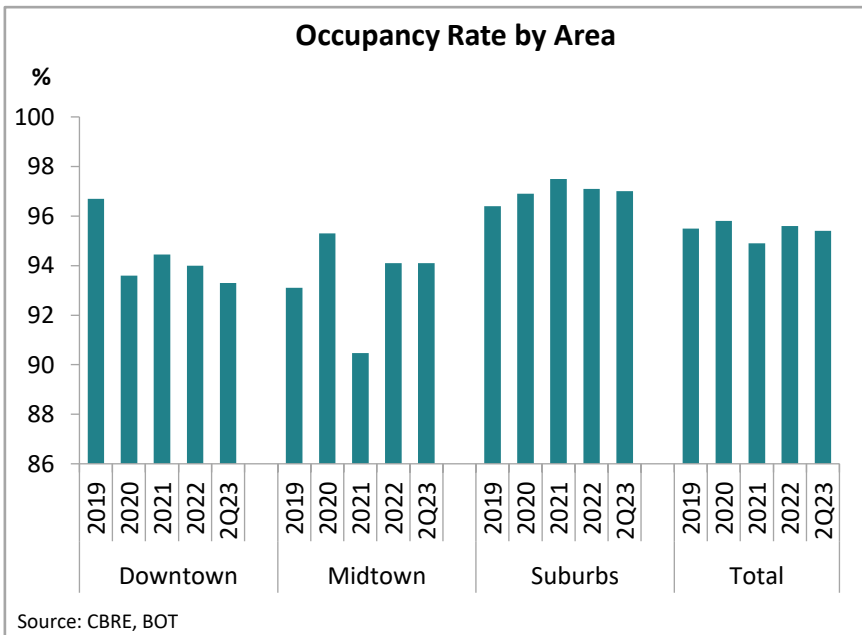
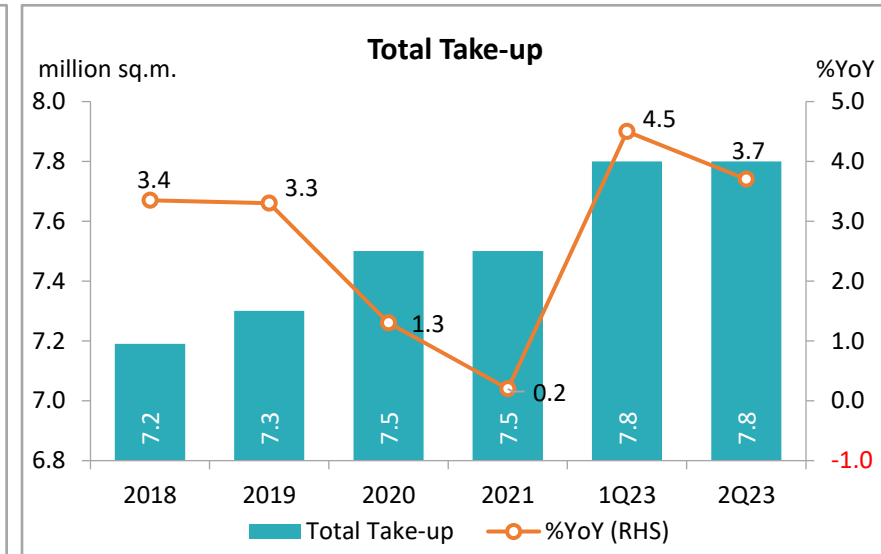
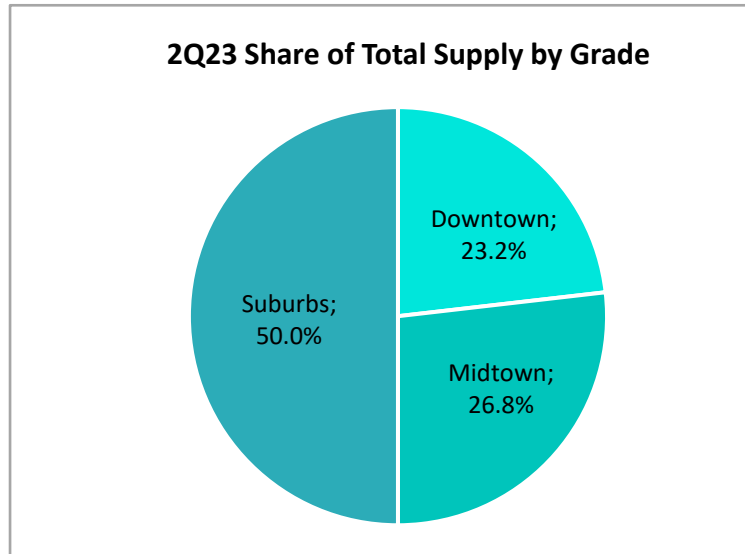
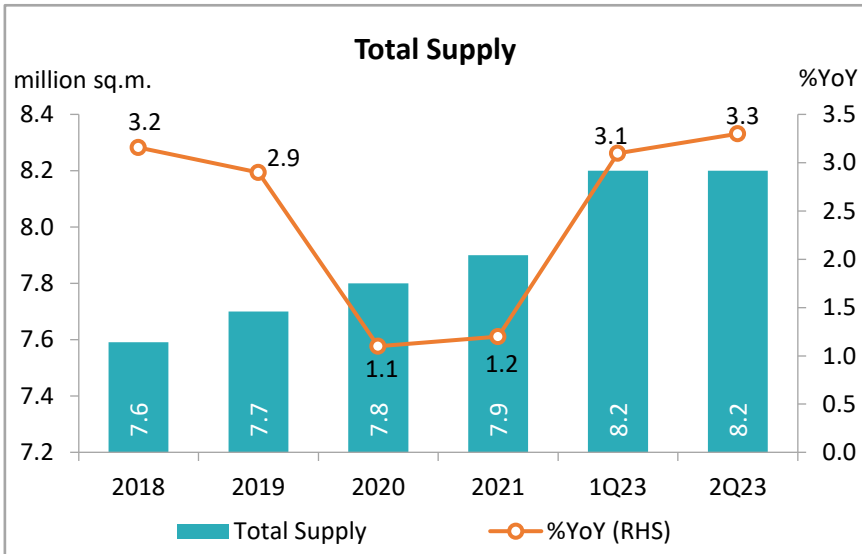
Source: BOT

17. Office Building in BMR (อาคารสำนักงานให้เช่า)



Source: CBRE Note: E=Estimate, F=Forecast

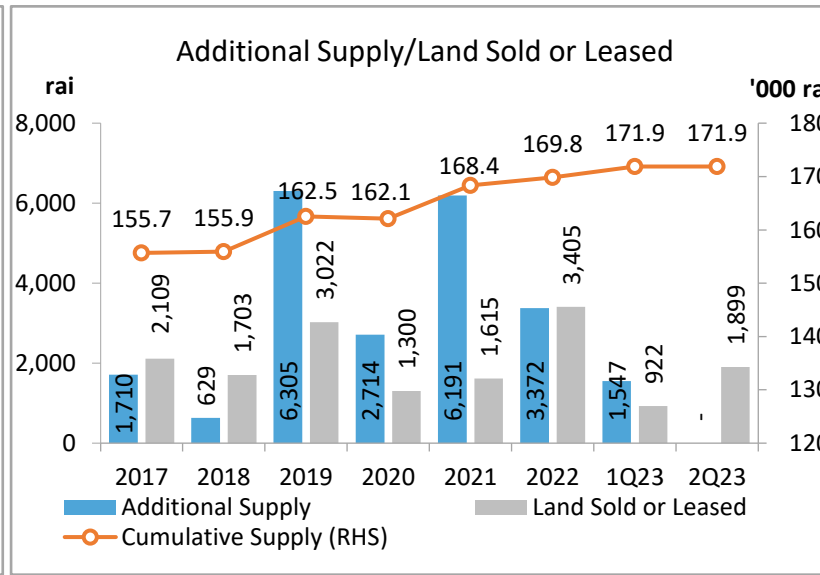
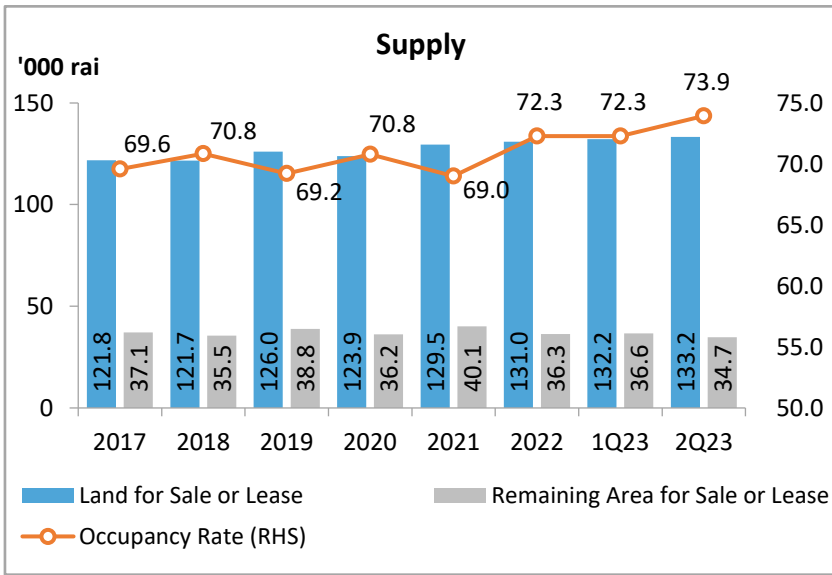
18. Retail Space in BMR (พื้นที่ค้าปลีก)



Source: CBRE, BOT

Source: LH Bank Business Research Analysis

19. Industrial Estate (นิคมอุตสาหกรรม)

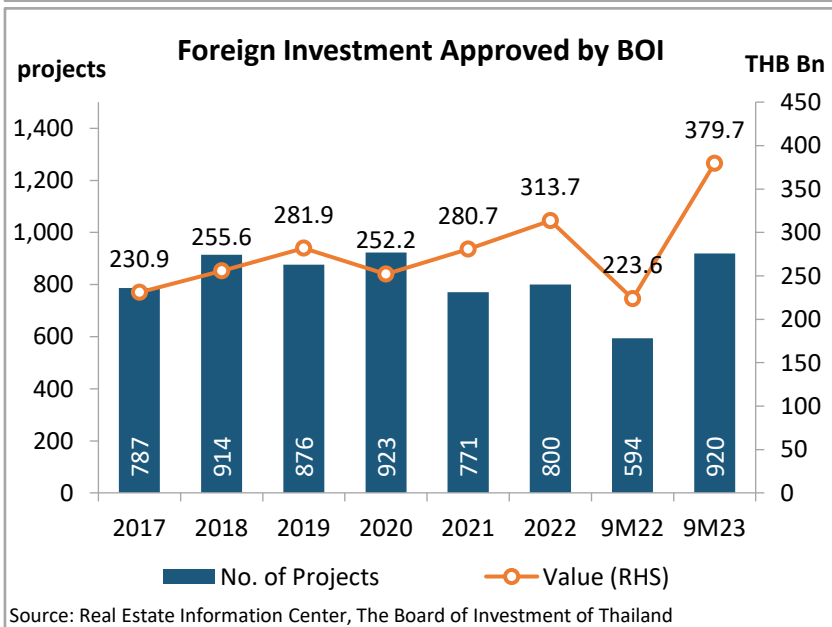


Additional Supply (rai)

Year	BKK& Vicinity	North	Central	East	NE	West	South	Total
2021	-	-	-	6,191	-	-	-	6,191
2022	-	-	-	3,372	-	-	-	3,372
2Q23	-	-	-	-	-	-	-	-

Land Sold or Leased (rai)

Year	BKK& Vicinity	North	Central	East	NE	West	South	Total
2021	117	-	113	1,325	60	-	-	1,615
2022	258	17	-	2,935	16	20	159	3,405
2Q23	181	-	27	1,672	-	19	-	1,899



Foreign Investment Projects Classified by Sector

Unit: THB Bn	2020		2021		2022	
	No. of Projects	Value	No. of Projects	Value	No. of Projects	Value
Agricultural Products	57	8.2	72	24.9	66	25.0
Minerals and Ceramics	32	21.9	14	5.7	22	23.2
Light Industry/Textiles	64	8.1	57	43.1	43	30.5
Metal Products and Machinery	234	77.9	179	45.1	183	83.1
Electrical and Electronic Products	233	55.2	186	67.8	175	79.0
Chemicals and Paper	57	17.1	64	59.4	58	21.2
Services	245	63.5	199	34.7	255	58.5
Technology and Innovation Development	1	0.4	0	0	0	0
Total	923	252.2	771	280.7	802	320.4

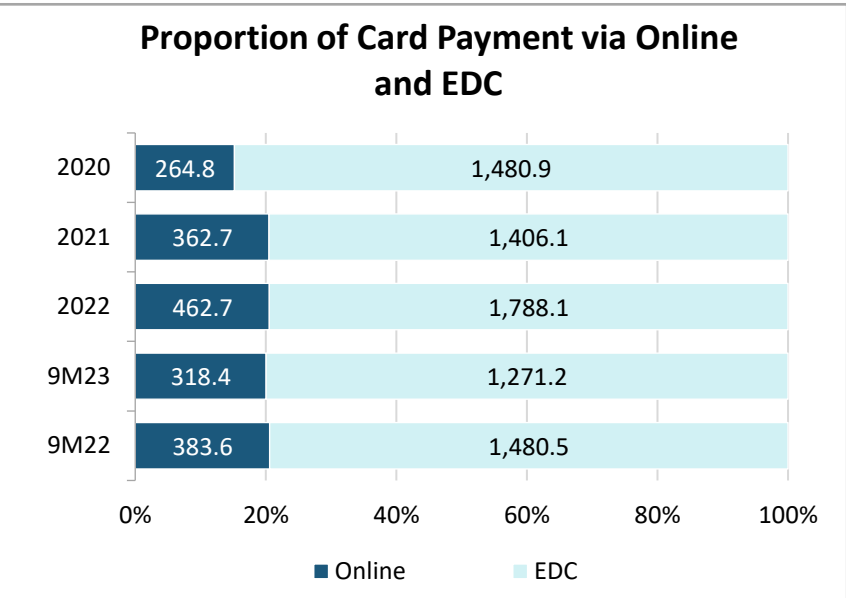
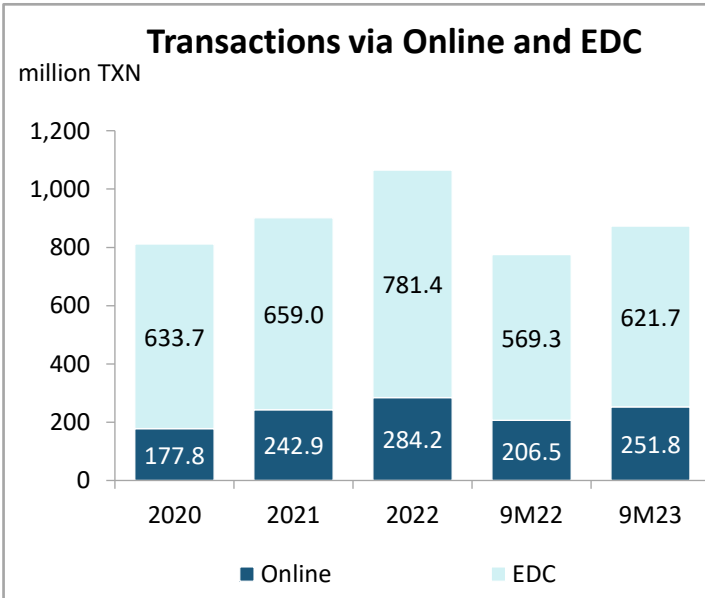
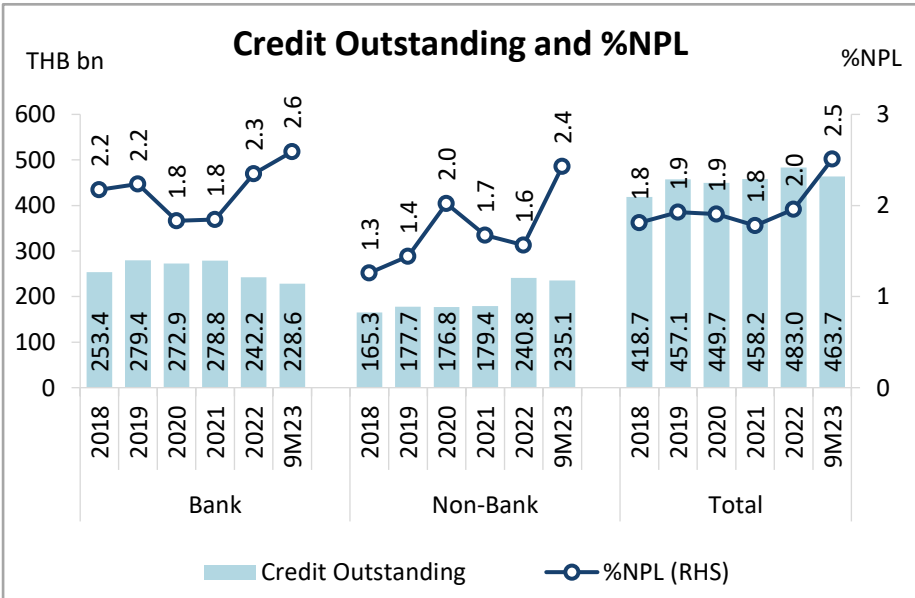
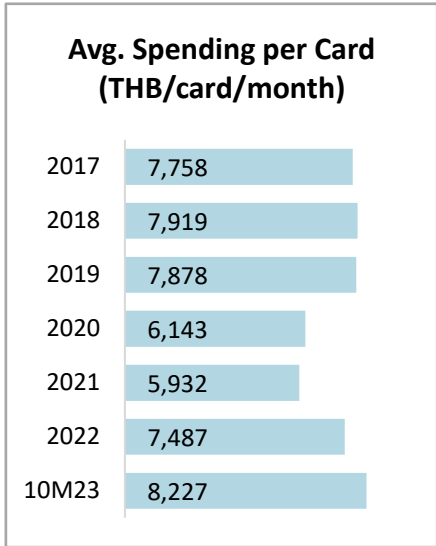
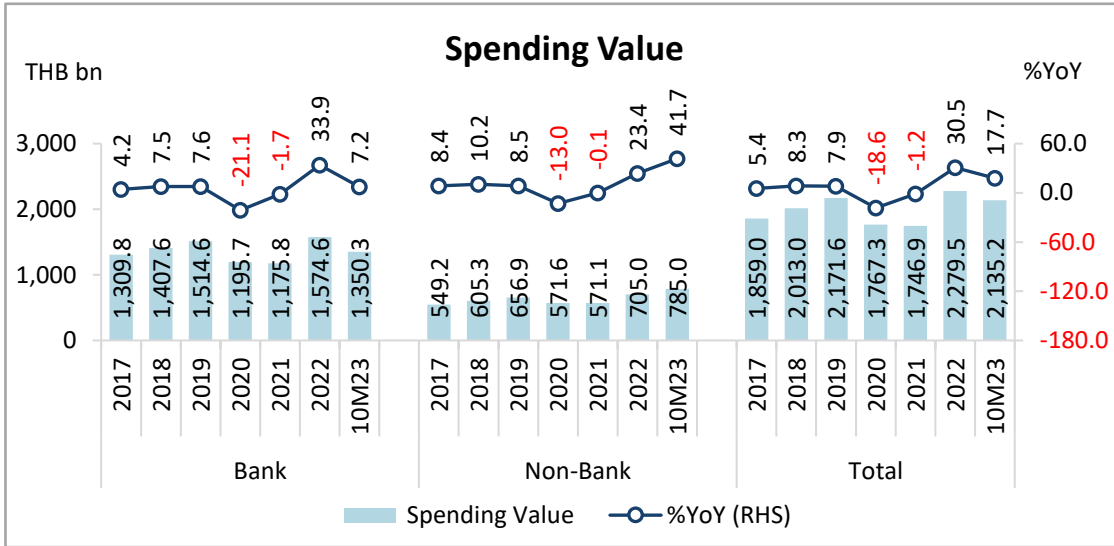
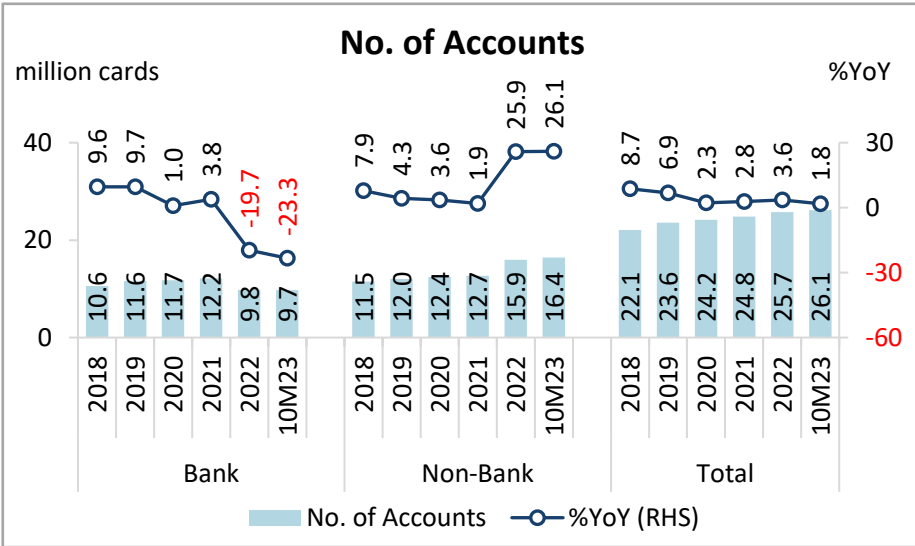
Top 10 Foreign Investment 9M2023 Approved by BOI

Ranking	Country	No. of Projects	Value (THB Bn)
1	PRC	209	83,866
2	Singapore	126	78,676
3	Japan	203	57,337
4	U.S.A.	30	24,598
5	Korea, South	18	20,959
6	Hong Kong	56	17,875
7	Taiwan	72	16,658
8	Netherlands	46	11,907
9	France	19	7,734
10	Belgium	2	5,580

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

Source: LH Bank Business Research Analysis

20. Credit Card (บัตรเครดิต)

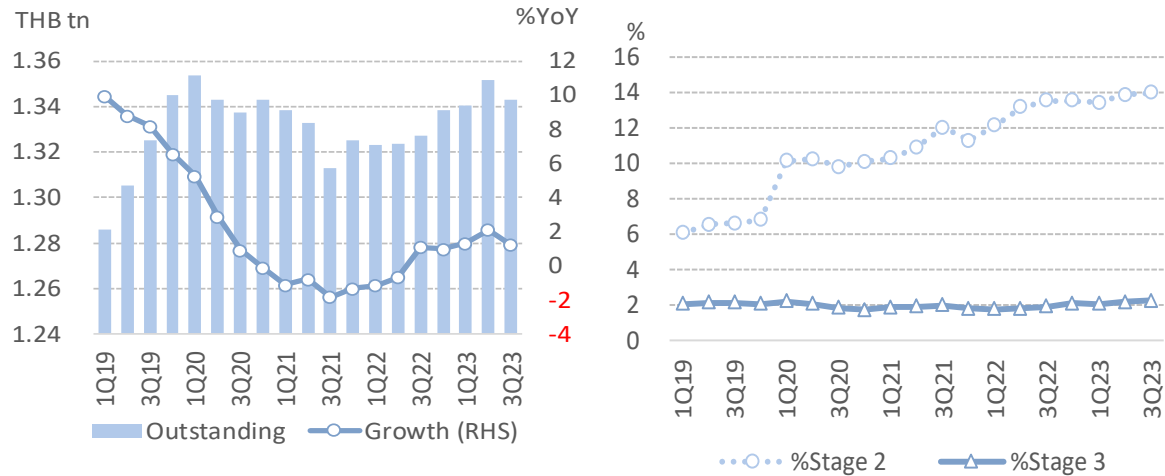


Source: BOT

Note: EDC stands for Electronic Data Capture.

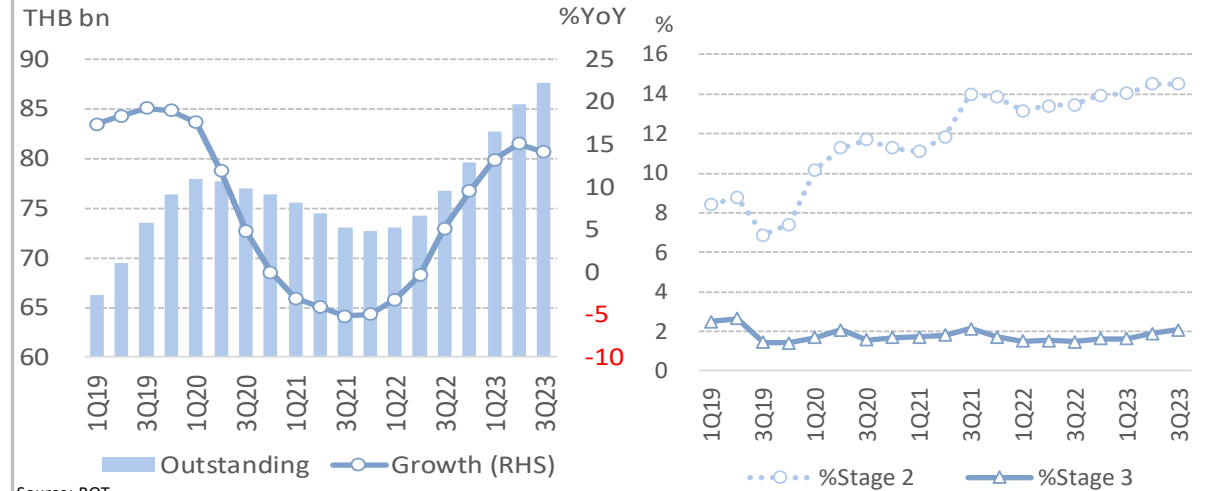
21. Auto Hire-Purchase (เช่าซื้อรถยนต์)

Hire-Purchase Loan Outstanding & Quality



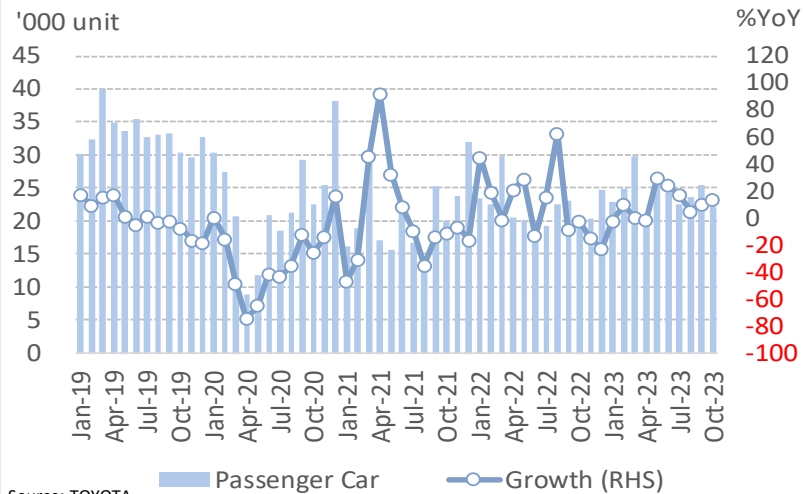
Source: BOT

Title Loan Outstanding & Quality



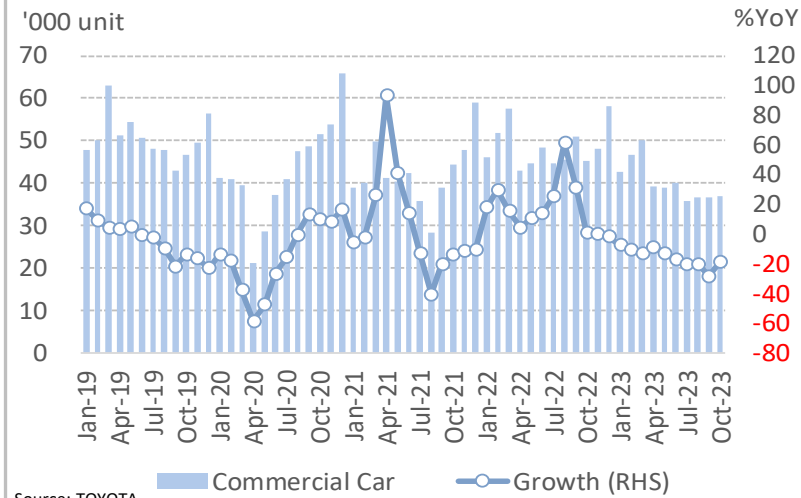
Source: BOT

Passenger Car sales



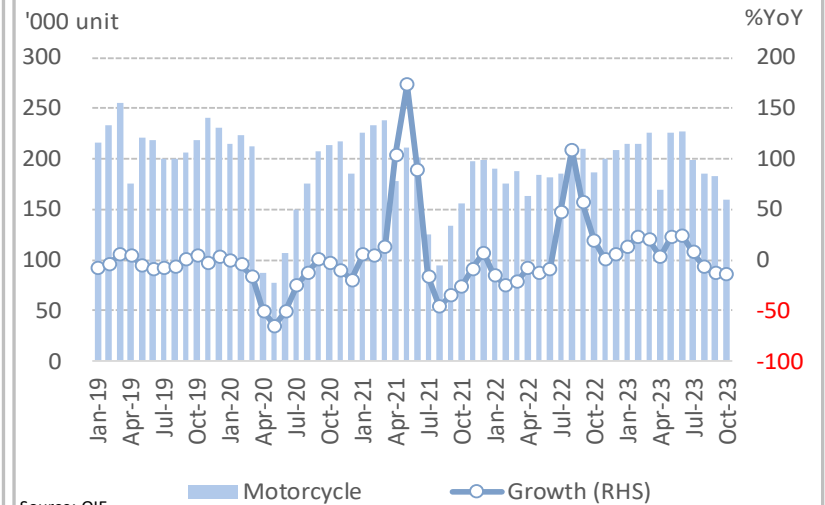
Source: TOYOTA

Commercial Car sales



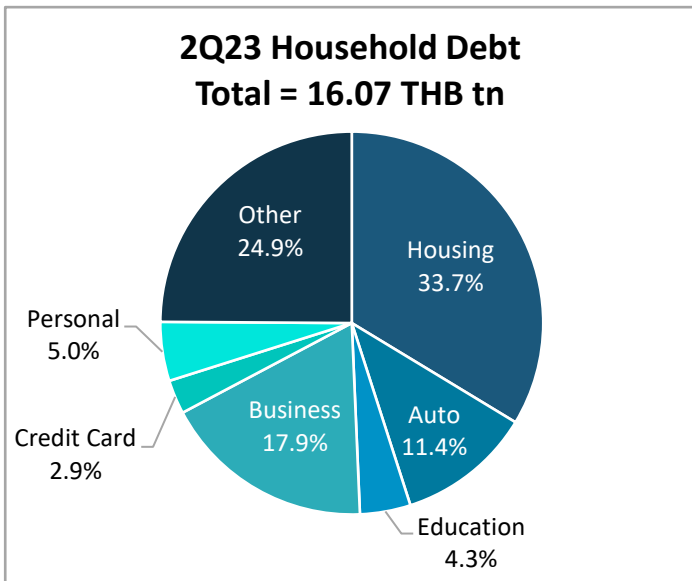
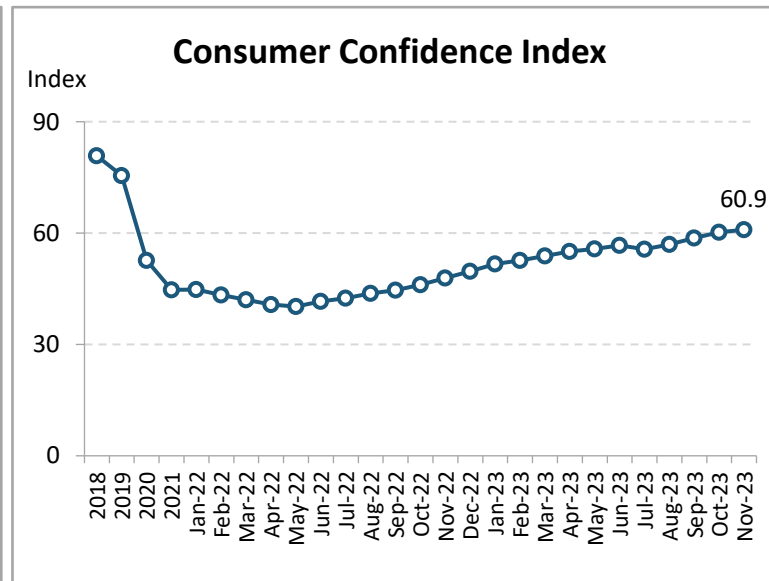
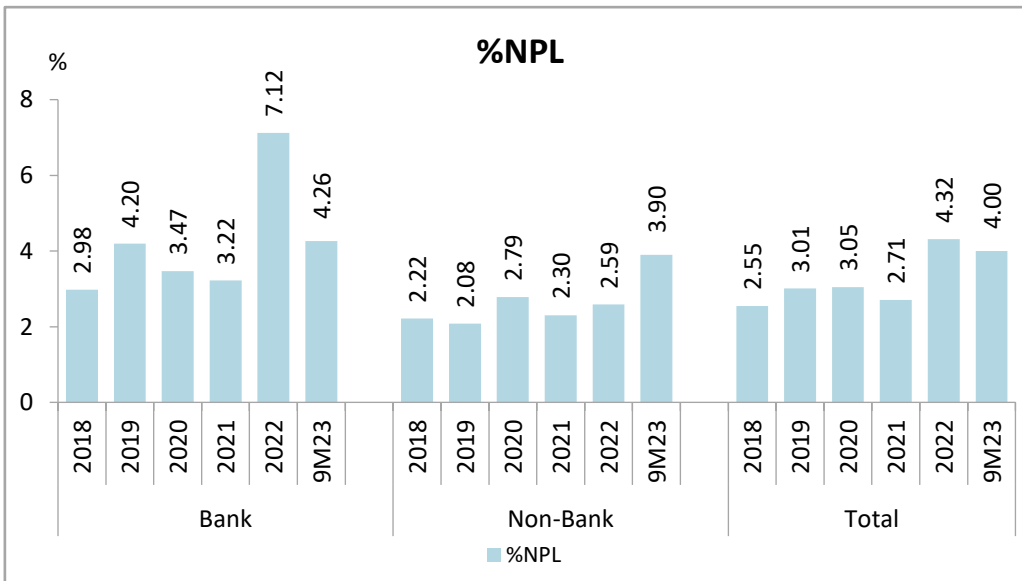
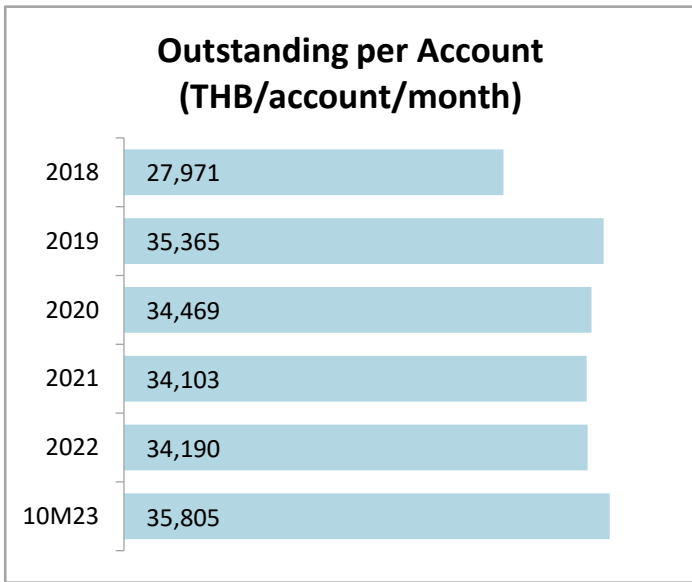
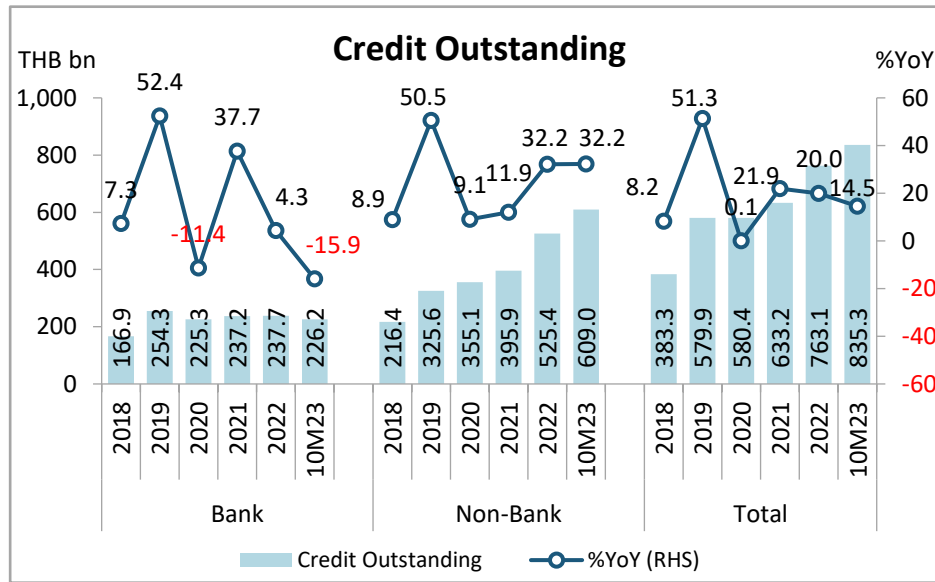
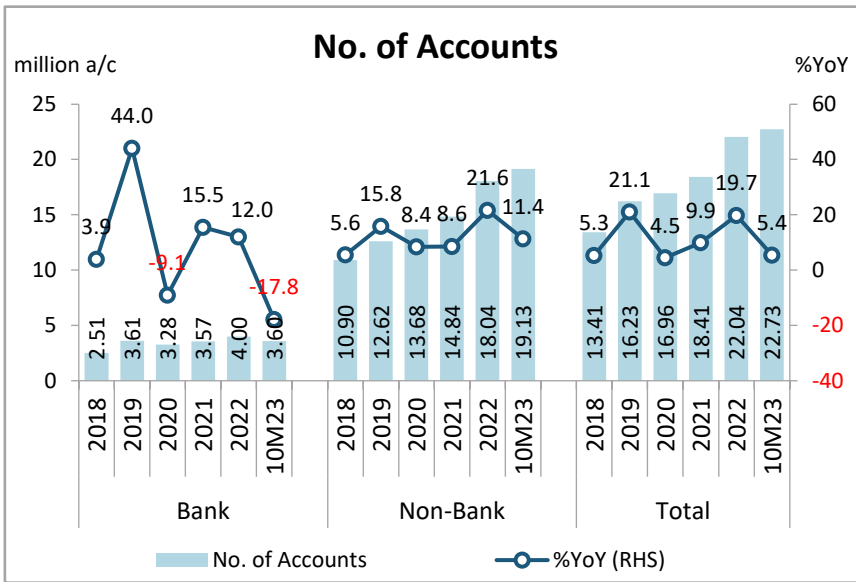
Source: TOYOTA

Motorcycle sales



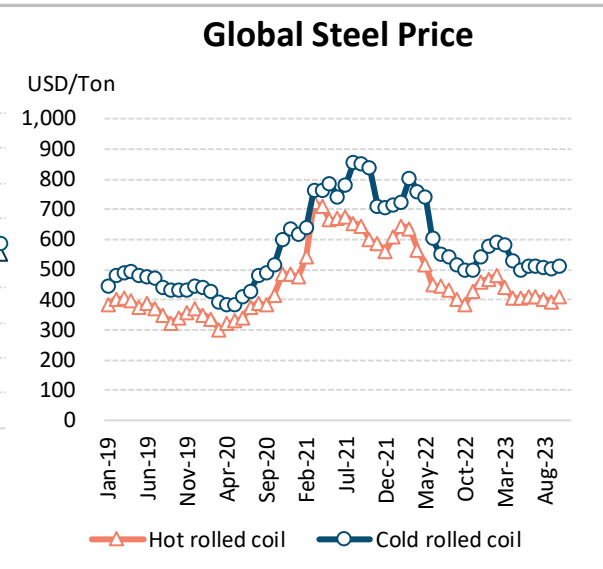
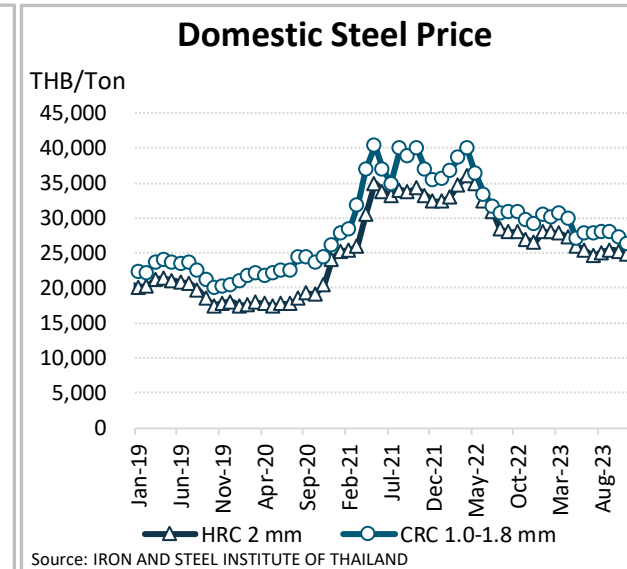
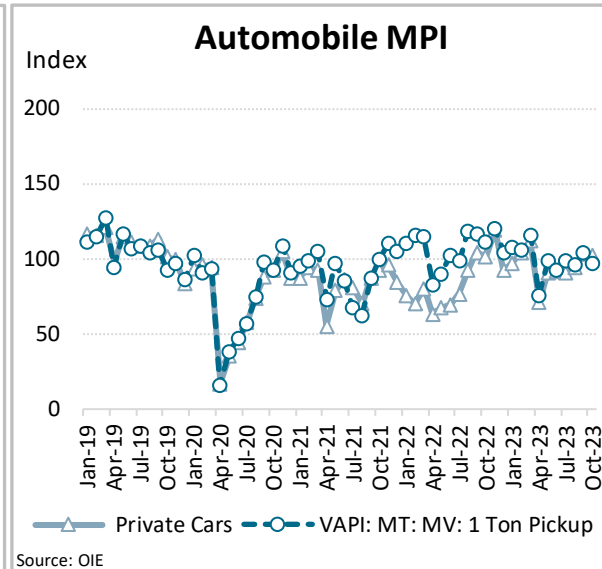
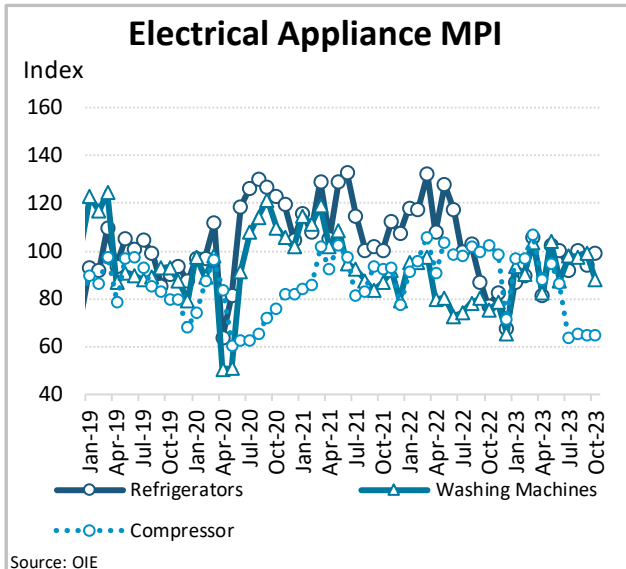
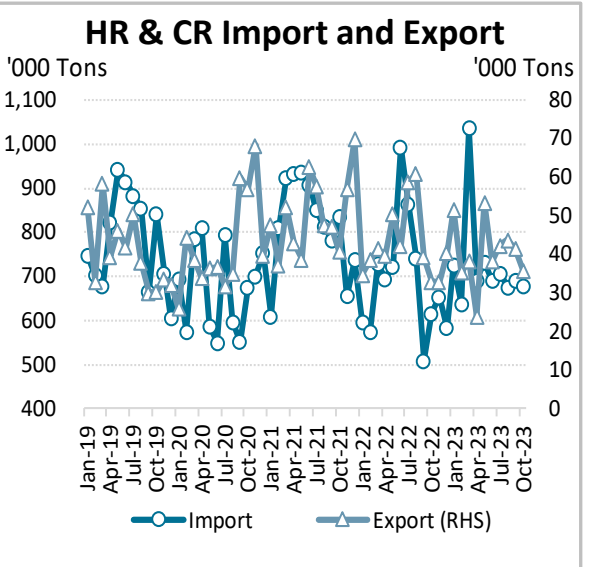
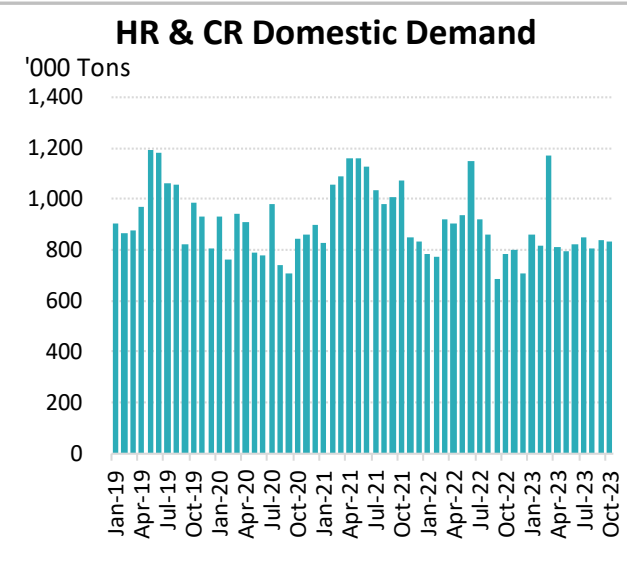
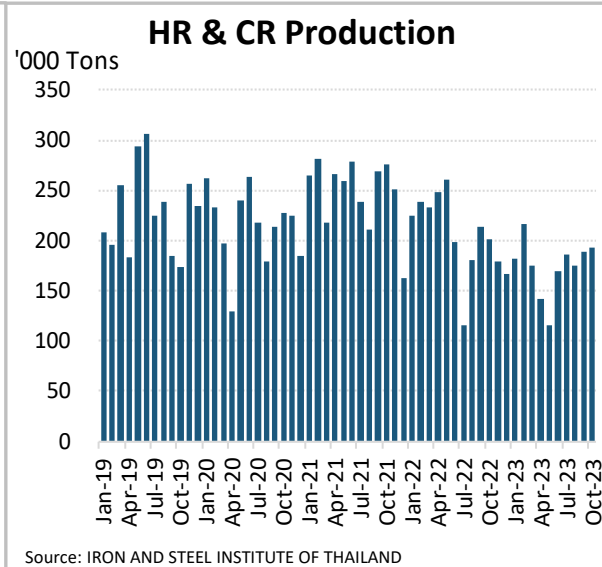
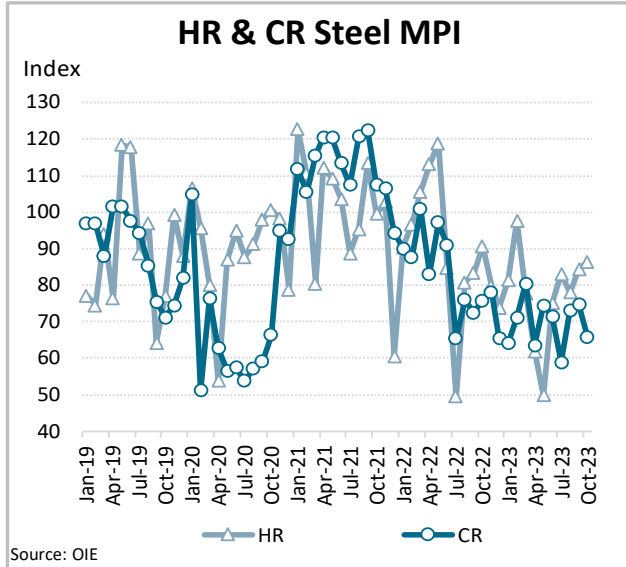
Source: OIE

22. Personal Loan (สินเชื่อส่วนบุคคล)

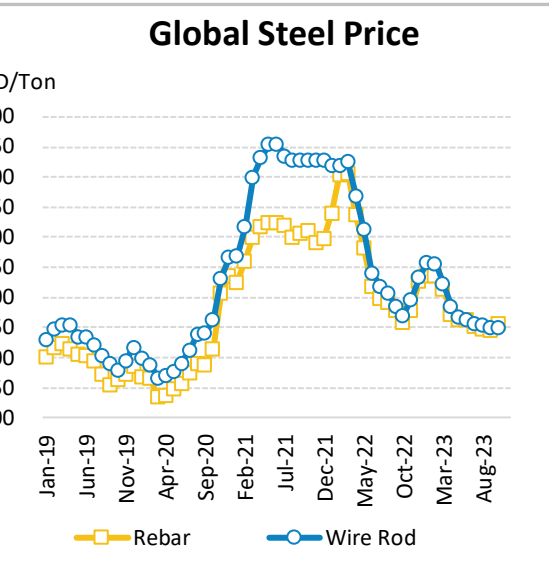
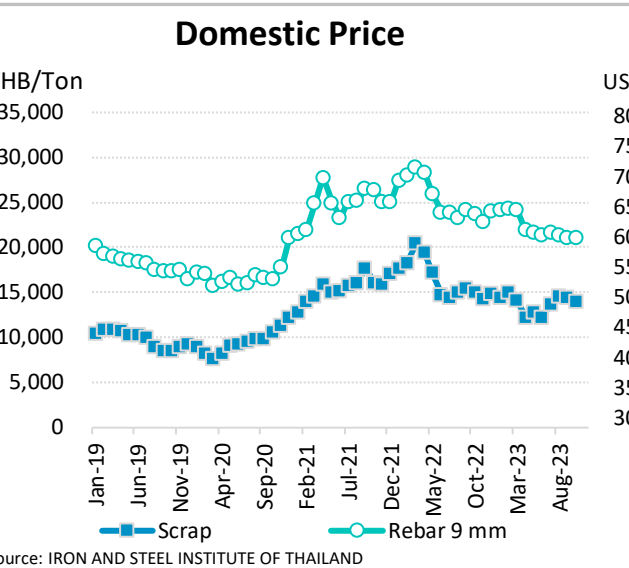
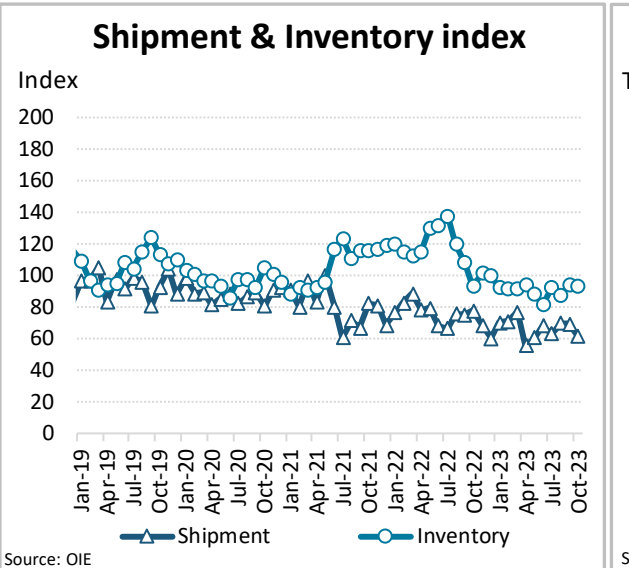
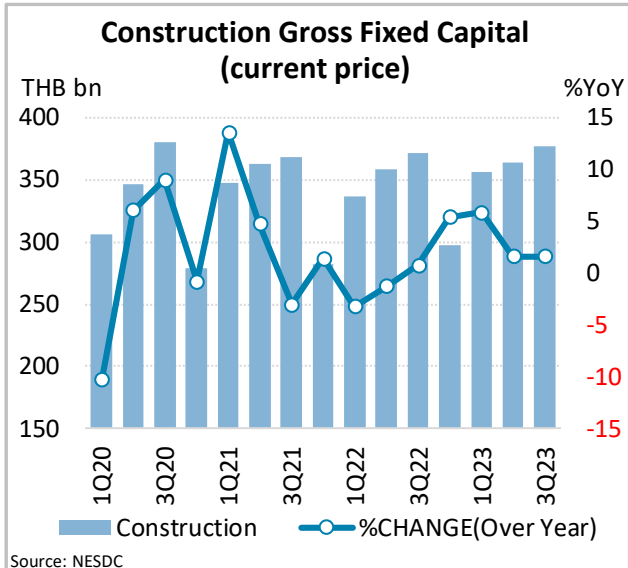
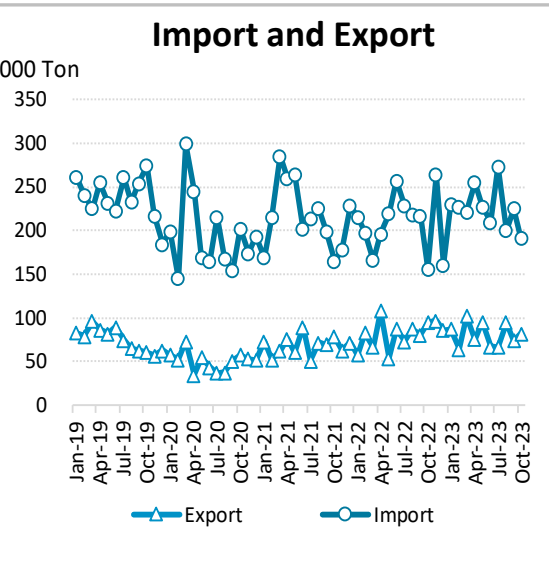
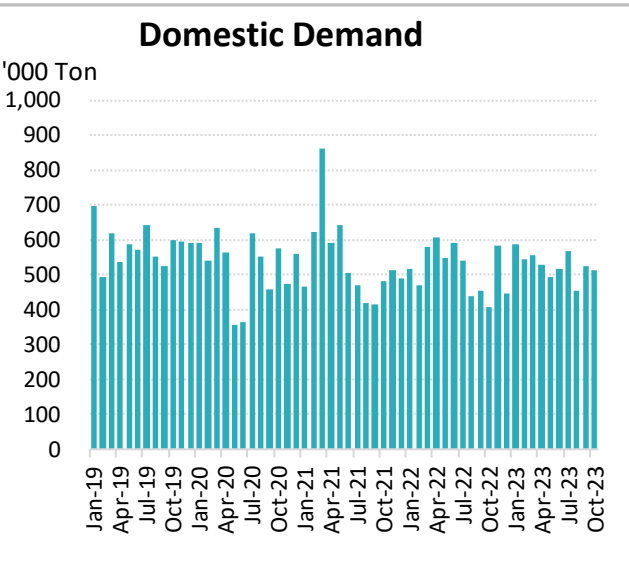
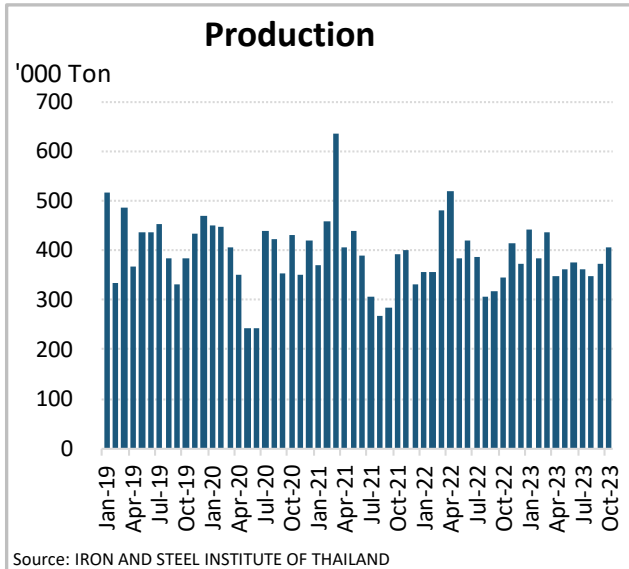
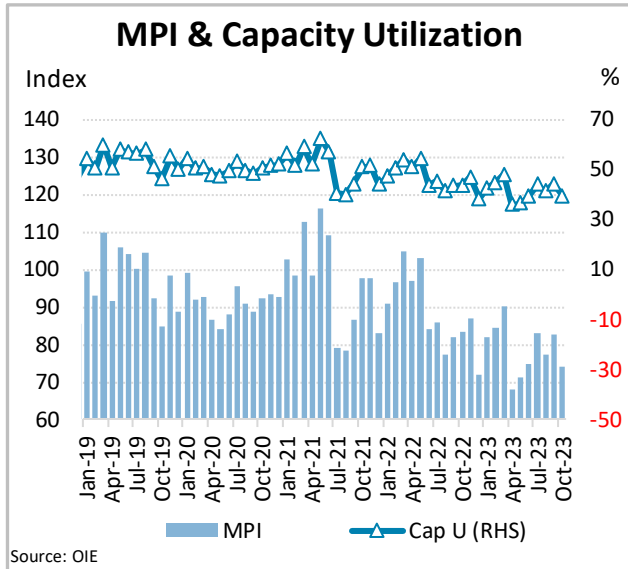


Source: BOT, Center for Economics and Business Forecasting; University of the Thai Chamber of Commerce

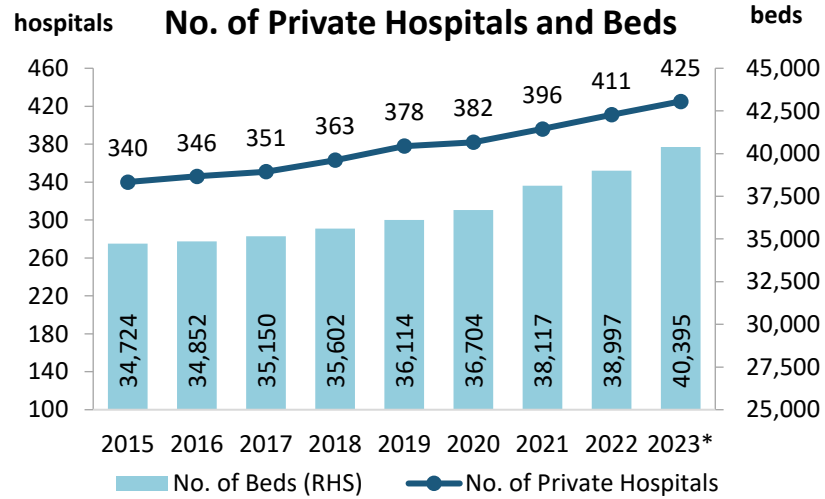
23. Hot & Cold Rolled Steel Sheet (เหล็กแผ่นรีดร้อนรีดเย็น)



24. Long Product Steel (เหล็กทรงยาว)

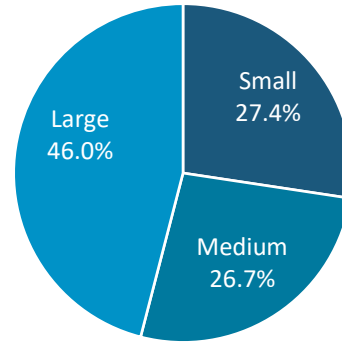


25. Private Hospitals (โรงพยาบาลเอกชน)



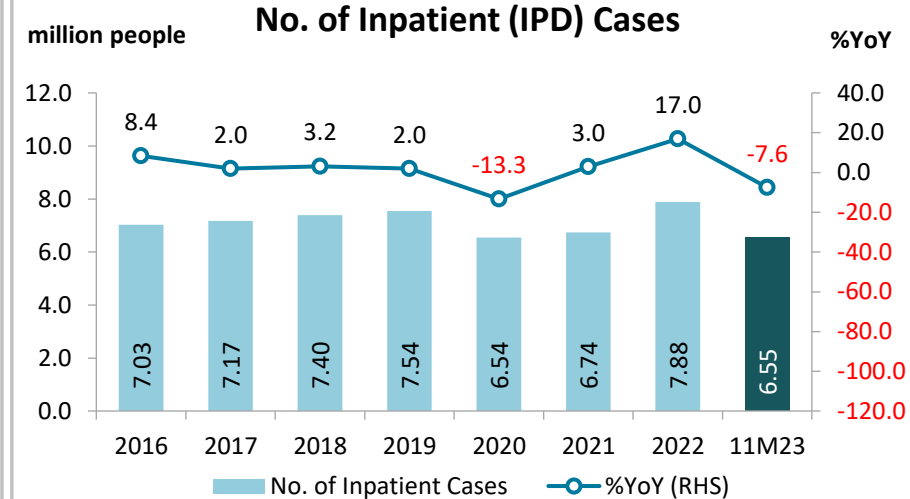
Source: MOPH, Note: *updated as of 30 Sep 2023

Share of Private Hospitals by Size (2022)**

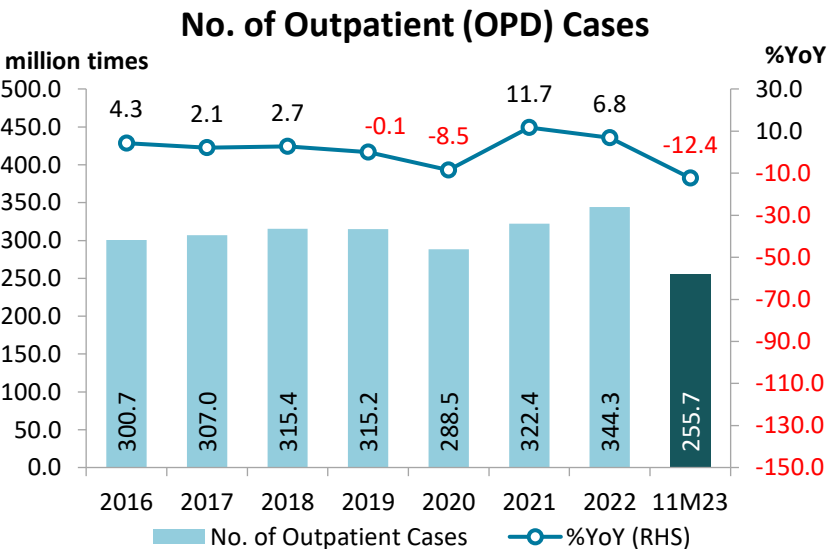


**As of 24 Aug 2022

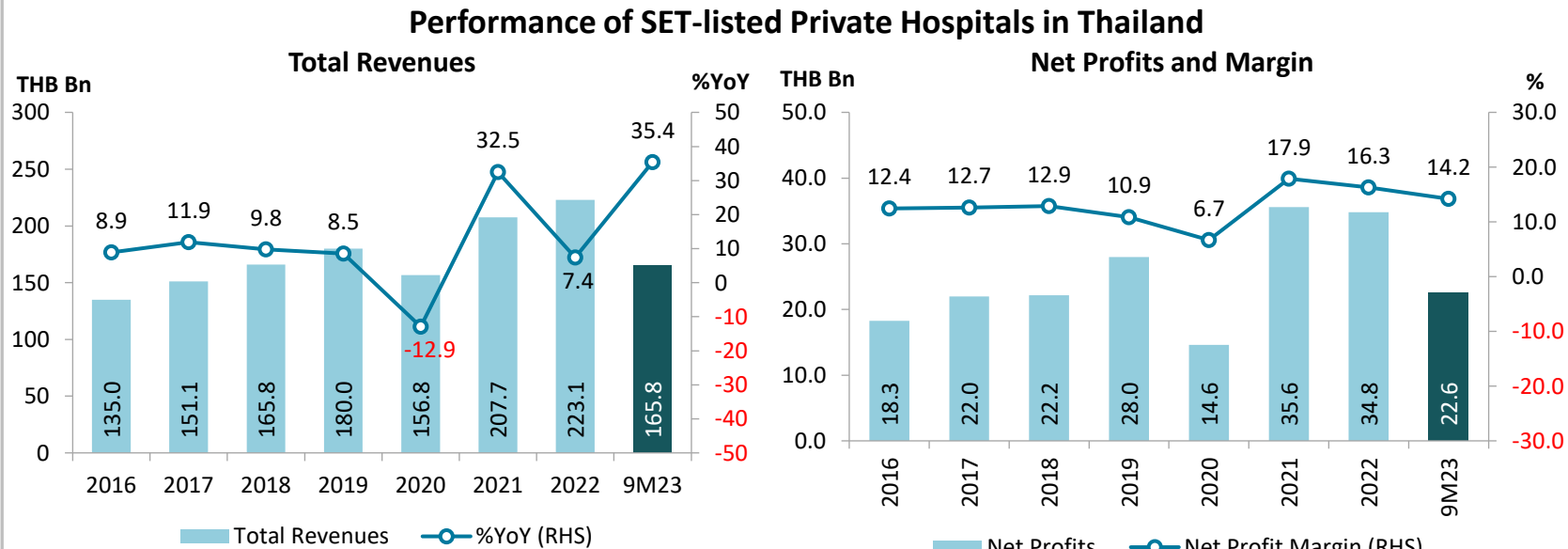
Remark: small size (1-30 beds), medium size (31-200 beds), large size (more than 200 beds)



Source: Health Data Center, MOPH

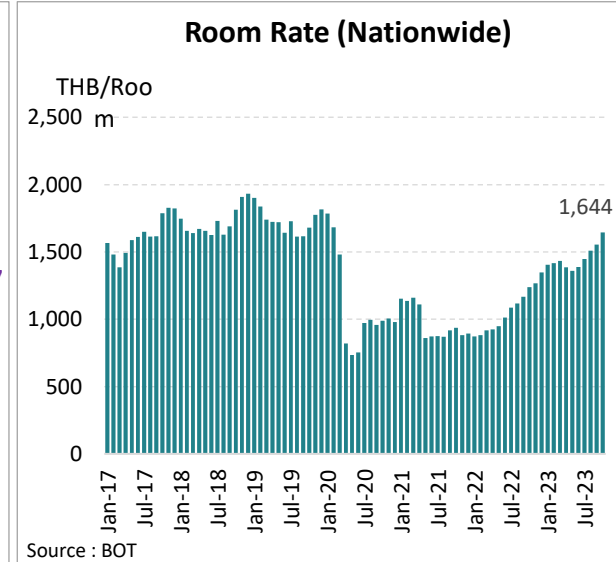
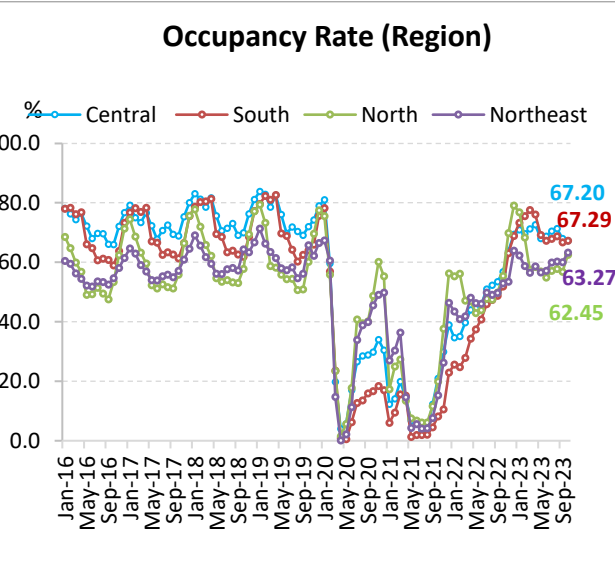
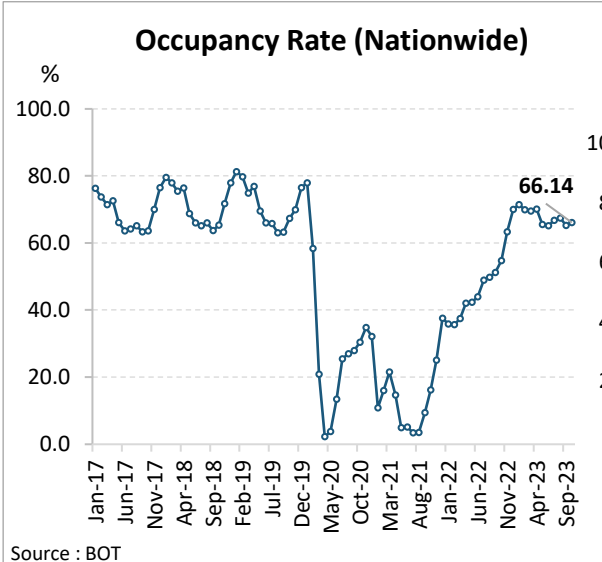
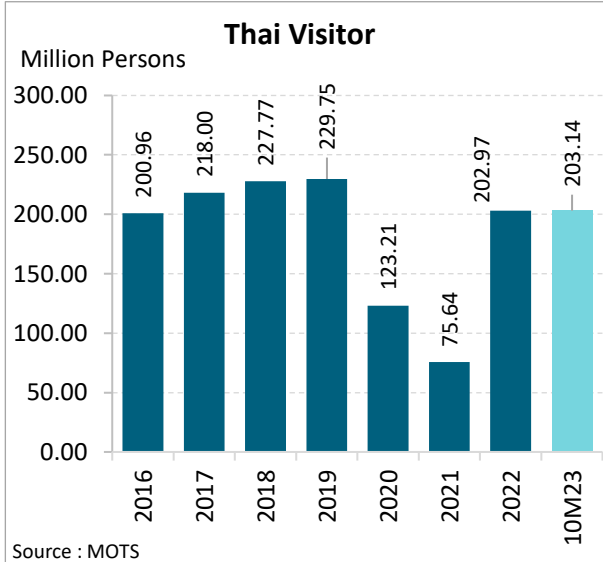
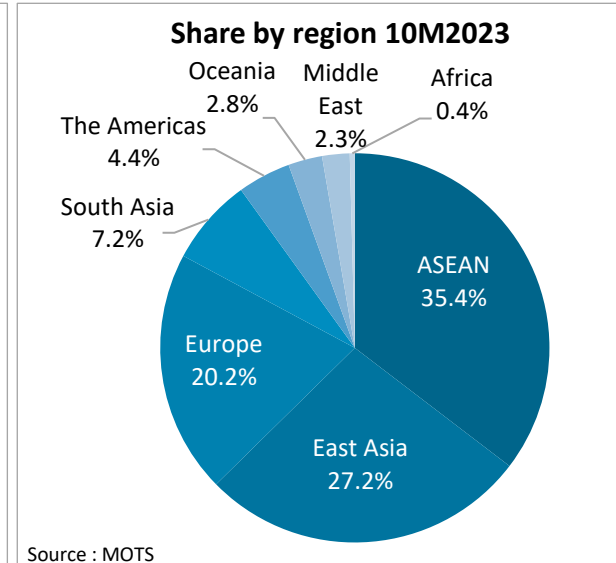
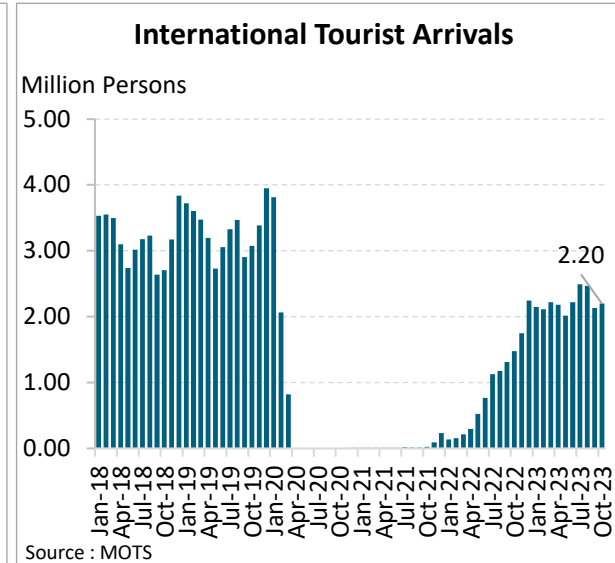


Source: Health Data Center, MOPH



Source: SETSMART

26. Tourist Accommodation (โรงแรม) [1/2]



26. Tourist Accommodation (โรงแรม) [2/2]

International Tourist Arrivals by Region

Region	Million Persons					
	2019	2020	2021	2022	10M2023	%YoY
ASEAN	10.69	1.65	0.03	4.53	7.86	157.0
East Asia	16.64	2.09	0.04	5.90	6.05	679.5
Europe	6.72	2.08	0.25	2.55	4.49	187.6
South Asia	2.40	0.32	0.01	1.18	1.60	94.0
Middle East	0.70	0.08	0.03	0.47	0.51	112.7
The Americas	1.63	0.32	0.05	0.61	0.98	175.2
Oceania	0.89	0.14	0.01	0.37	0.63	150.9
Africa	0.20	0.02	0.00	0.07	0.09	134.0
Total	39.87	6.70	0.43	15.68	22.20	212.6

Source : MOTs

International Tourist Arrivals (thousand persons)

Month	2019	2020	2021	2022	10M2023
Jan	3,718.5	3,810.2	7.7	128.2	2,144.9
Feb	3,603.7	2,062.0	5.7	151.8	2,113.6
Mar	3,473.1	819.4	6.7	208.1	2,219.0
Apr	3,195.0	0.0	8.5	287.5	2,182.1
May	2,726.8	0.0	6.1	508.2	2,013.9
Jun	3,052.3	0.0	5.7	769.0	2,241.2
July	3,327.2	0.0	18.1	1,134.9	2,490.6
Aug	3,466.5	0.0	15.1	1,188.2	2,468.0
Sep	2,902.7	0.0	12.2	1,259.3	2,130.6
Oct	3,074.1	1.2	20.3	1,467.4	2,197.0
Nov	3,386.4	3.1	91.3	1,748.4	-
Dec	3,947.3	6.6	230.5	2,241.2	-
Total	39,873.53	6,702.40	427.87	11,092.12	22,200.99

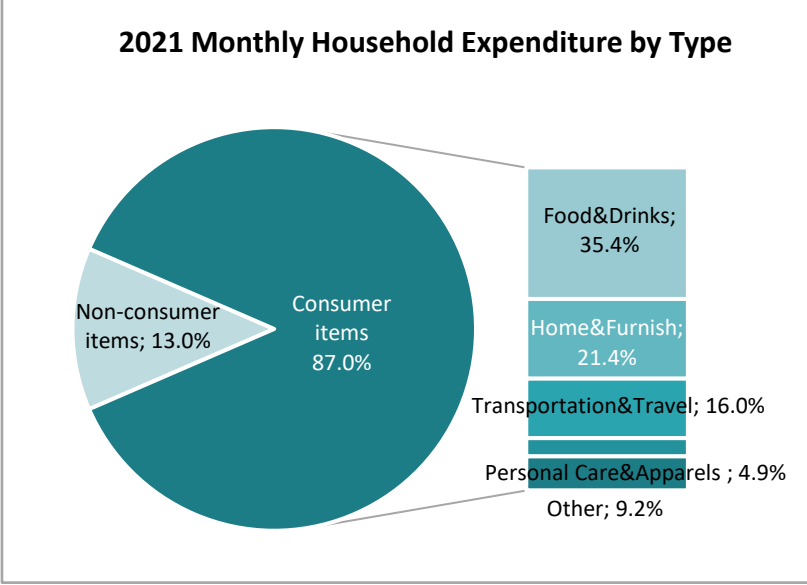
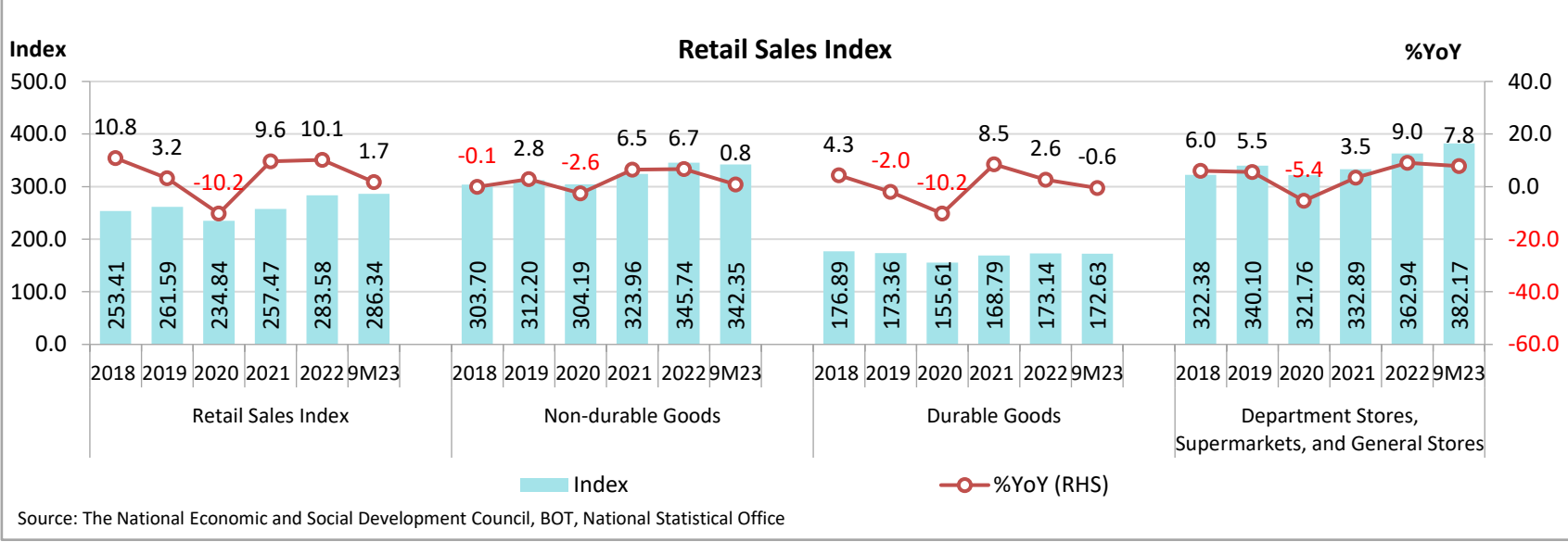
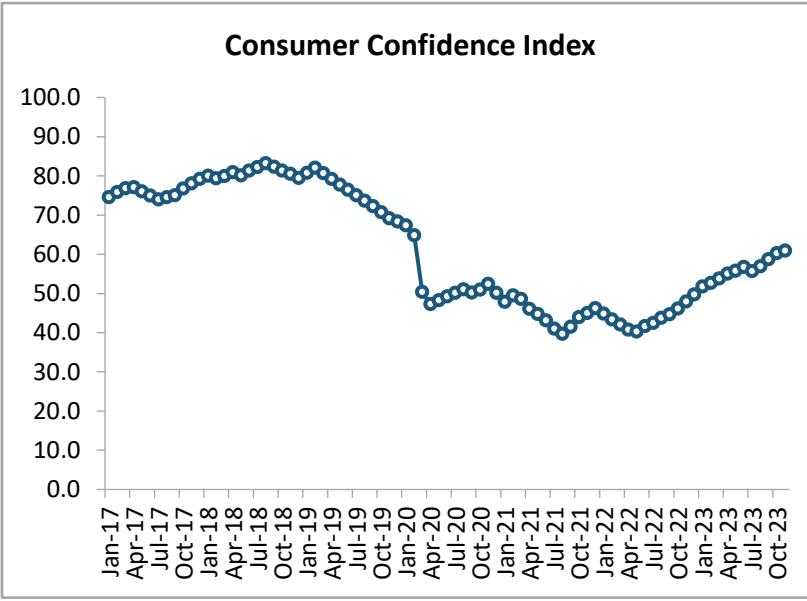
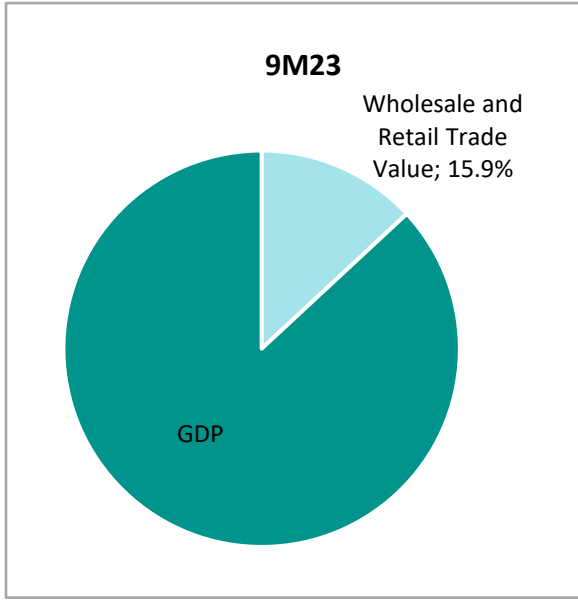
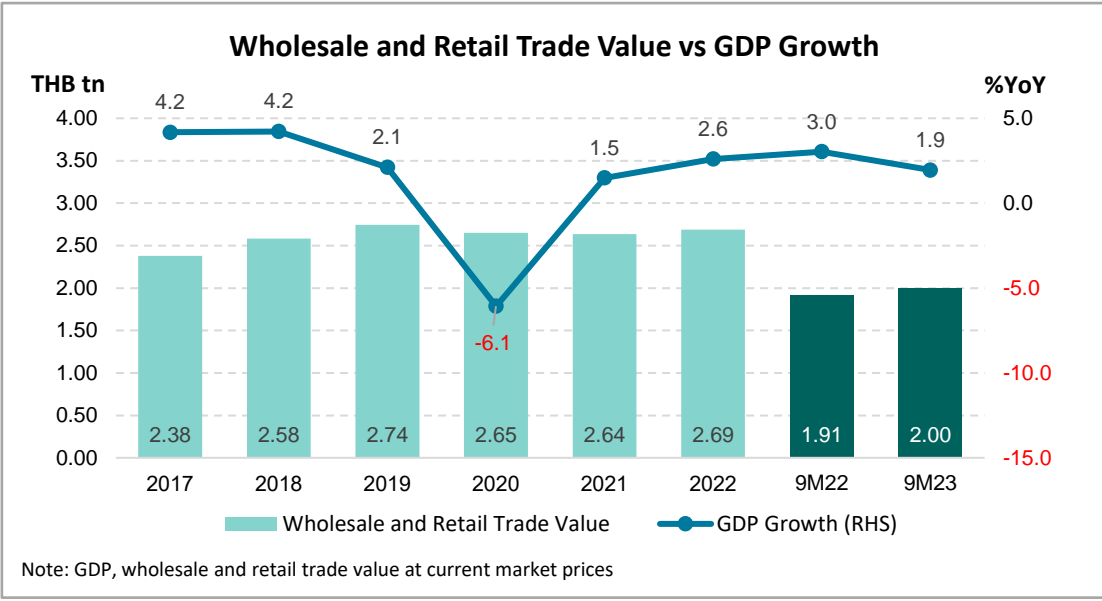
International Tourist Arrivals (%YoY)

Month	2019	2020	2021	2022	10M2023
Jan	5.3	2.5	-99.8	1,566.5	1,572.8
Feb	1.5	-42.8	-99.7	2,544.0	1,292.4
Mar	-0.6	-76.4	-99.2	2,988.9	966.3
Apr	3.2	-100.0	n.a.	3,271.0	659.0
May	-0.4	-100.0	n.a.	8,296.8	296.3
Jun	1.3	-100.0	n.a.	13,404.9	191.5
July	4.7	-100.0	n.a.	6,185.6	119.5
Aug	7.4	-100.0	n.a.	7,766.4	107.7
Sep	10.1	-100.0	n.a.	10,190.7	69.2
Oct	13.7	-100.0	1,587.9	7,138.4	49.7
Nov	6.8	-99.9	2,877.3	1,815.9	-
Dec	2.9	-99.8	3,415.8	872.3	-
Total	4.4	-83.2	-93.6	2,492.4	212.6

Occupancy Rate (%)

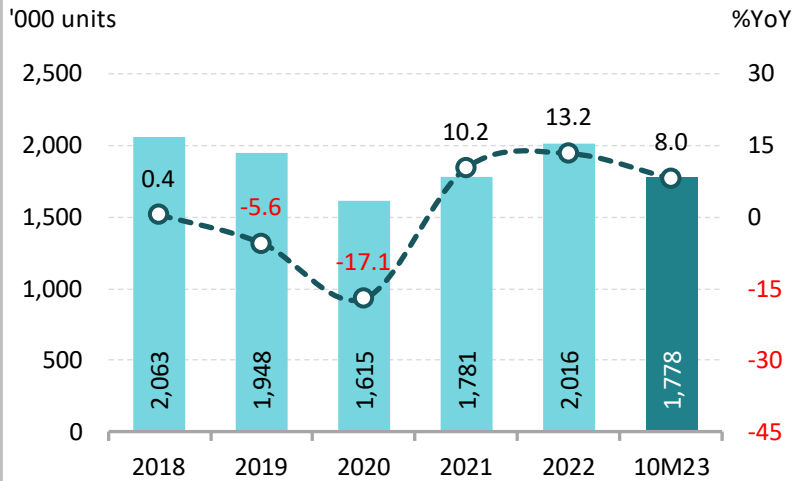
	Central (Inc.BKK)					Southern					Northern					Northeastern									
	2019	2020	2021	2022	10M23	2019	2020	2021	2022	10M23	2019	2020	2021	2022	10M23	2019	2020	2021	2022	10M23					
Jan	81.26	77.97	10.85	35.83	71.44	83.77	80.97	12.24	34.58	70.90	79.59	78.24	5.98	25.55	73.26	79.40	75.47	17.27	55.29	76.82	71.28	67.38	26.97	43.49	62.24
Feb	79.76	58.39	16.04	35.64	69.89	82.84	59.55	14.08	35.01	69.57	82.31	56.91	9.48	24.78	75.47	73.26	55.84	24.99	56.15	68.33	66.23	60.60	30.31	40.88	58.72
Mar	74.83	20.82	21.51	37.50	69.51	78.53	19.73	19.94	39.64	71.20	80.96	23.57	15.63	27.82	77.57	58.71	23.40	27.35	47.08	57.45	63.48	14.74	36.30	41.88	56.52
Apr	76.89	2.26	14.63	42.05	70.06	82.54	4.01	14.63	44.01	72.57	82.63	0.86	15.19	34.28	76.01	58.18	1.45	13.45	46.89	58.36	61.39	0.05	14.65	48.09	58.63
May	69.51	3.83	4.95	42.38	65.53	76.10	5.68	6.61	44.47	67.98	69.76	0.54	1.25	37.38	69.14	55.78	5.54	7.56	42.94	56.90	57.98	2.13	4.33	46.25	56.60
Jun	65.98	13.43	5.15	43.97	65.12	69.73	16.93	6.58	45.61	68.76	68.82	6.26	1.95	40.76	67.26	54.28	17.78	6.75	43.85	54.84	57.33	11.33	5.54	46.00	57.14
July	65.80	25.41	3.45	48.91	66.73	71.89	26.58	3.47	51.02	70.50	64.24	12.64	1.90	45.98	67.87	54.39	40.72	6.12	47.80	57.07	58.32	33.84	4.03	49.81	59.94
Aug	63.04	26.93	3.51	49.76	67.47	70.38	28.55	3.57	52.30	71.29	60.22	13.55	2.07	47.28	68.74	50.69	39.45	6.09	47.42	57.72	54.67	38.80	4.14	49.04	60.28
Sep	63.25	27.93	9.42	51.22	65.20	69.09	28.82	12.23	53.42	68.03	62.47	15.88	4.48	48.76	66.67	50.84	40.14	11.56	49.84	56.79	56.13	39.89	7.58	49.74	60.02
Oct	67.37	30.40	16.19	54.73	66.14	72.01	29.83	21.01	56.78	67.20	64.01	16.71	8.13	51.87	67.29	60.10	48.72	19.90	55.39	62.45	65.78	45.51	15.30	52.92	63.27
Nov	69.93	34.82	25.03	63.32	-	74.18	34.03	29.89	63.80	-	65.94	18.40	10.53	63.05	-	69.65	60.18	37.60	69.86	-	62.20	49.05	26.19	53.50	-
Dec	76.47	32.16	37.52	69.99	-	78.96	30.48	38.92	69.44	-	75.62	16.95	22.90	68.82	-	77.44	55.32	56.25	79.06	-	66.48	49.85	46.39	63.85	-
Avg.	71.17	29.53	14.02	47.94	67.71	75.84	30.43	15.26	49.17	69.80	71.38	21.71	8.29	43.03	70.93	61.89	38.67	19.57	53.46	60.67	61.77	34.43	18.48	48.79	59.34

27. Modern Trade (ร้านค้าปลีกสมัยใหม่)



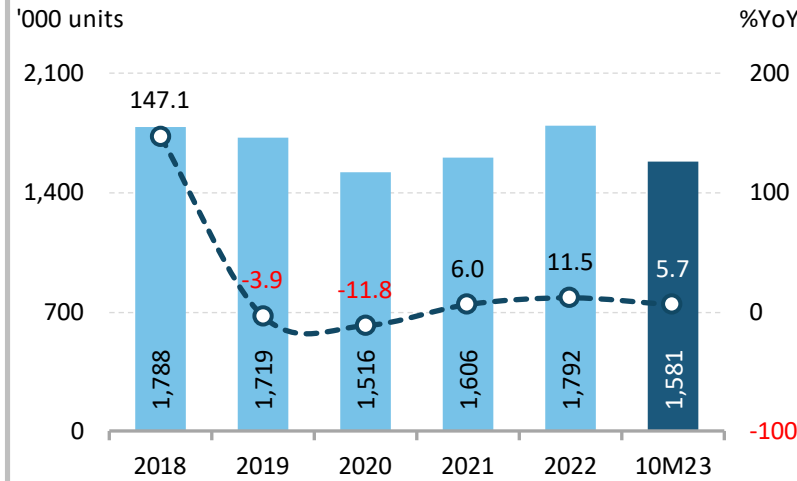
28. Motorcycle (รถจักรยานยนต์)

Production



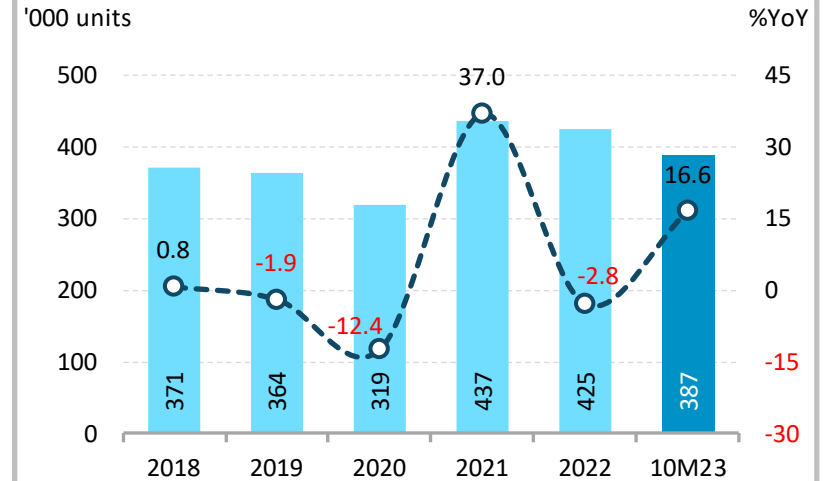
Source: FTI

Domestic Sales



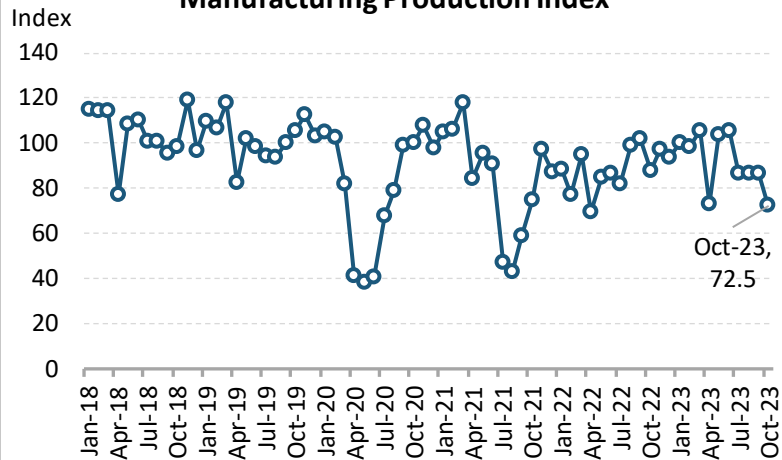
Source: FTI

Exports



Source: MOC

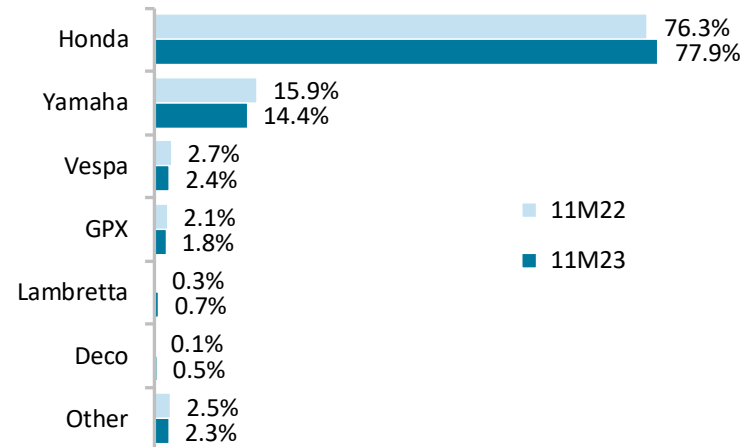
Manufacturing Production Index



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

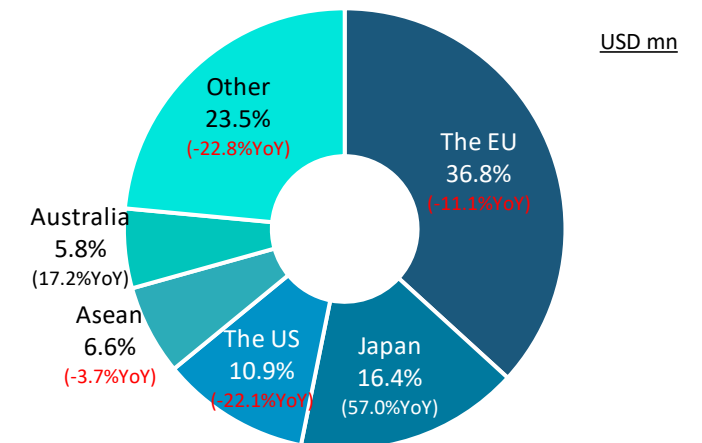
Source: OIE

Domestic Registered by Brand



Source: DLT

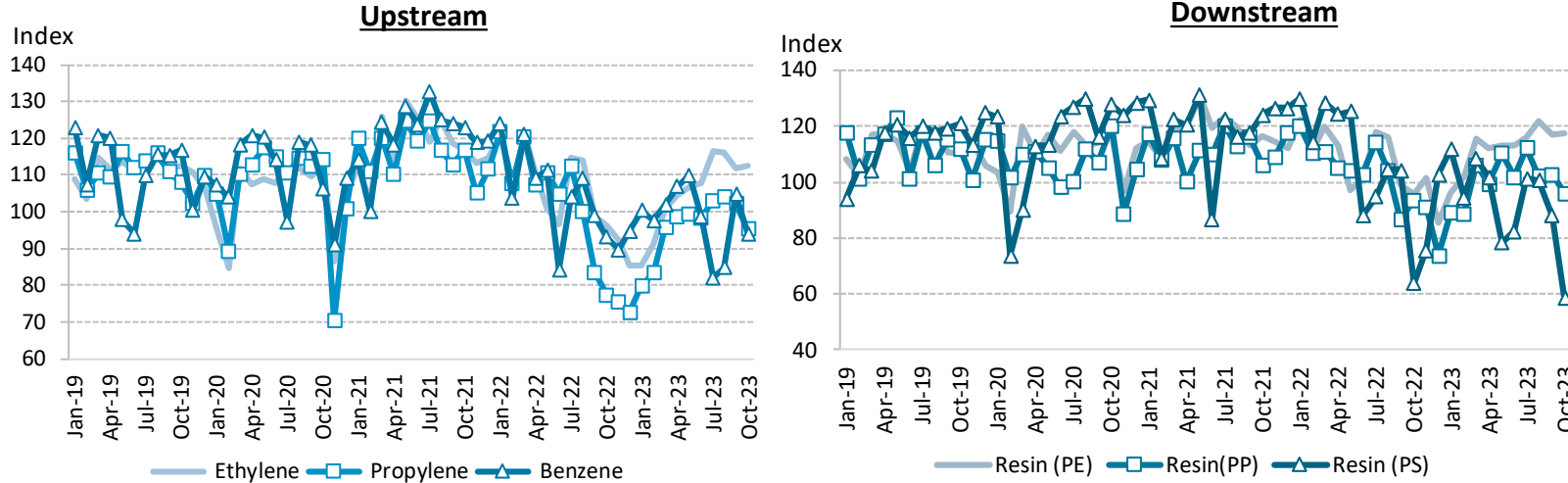
Share of Exports Value by Destination (10M23)



Source: MOC

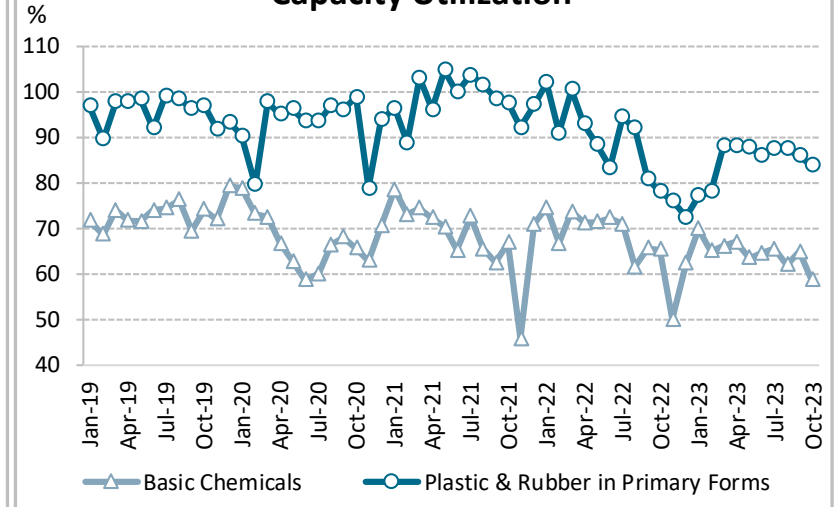
29. Petrochemicals (ปิโตรเคมี)

Manufacturing Production Index



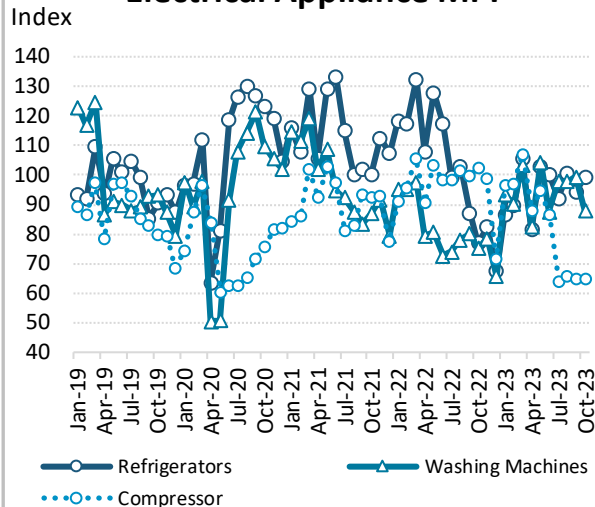
Source: OIE

Capacity Utilization



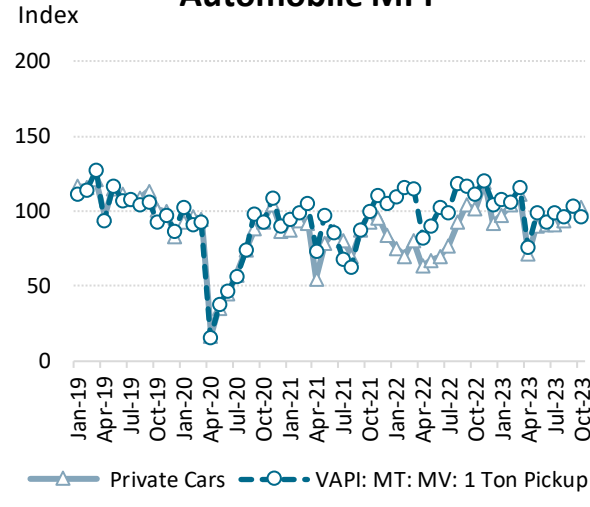
Source: OIE

Electrical Appliance MPI



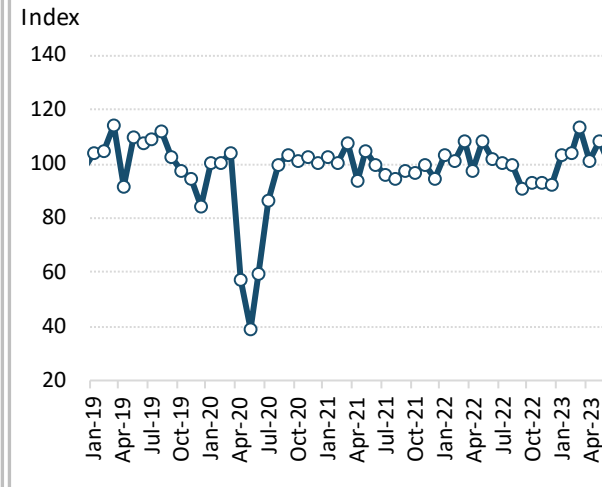
Source: OIE

Automobile MPI



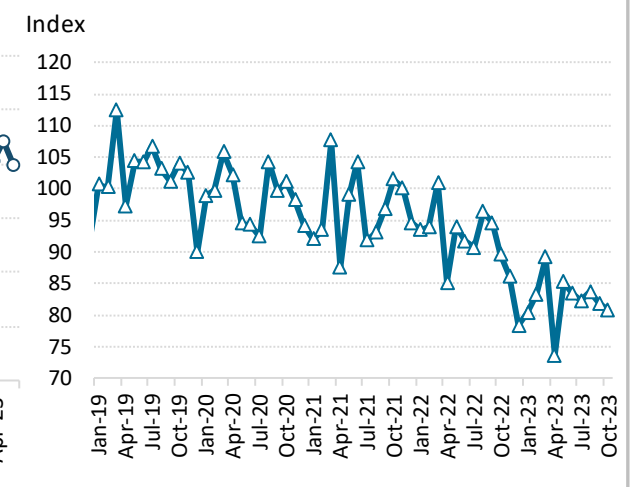
Source: OIE

Tire MPI

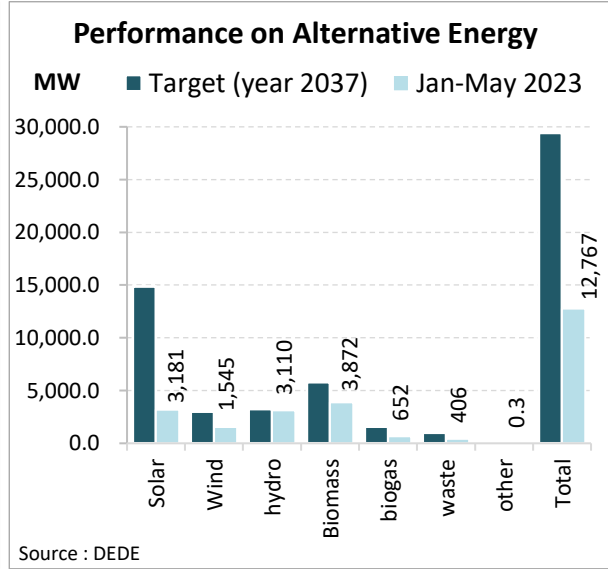
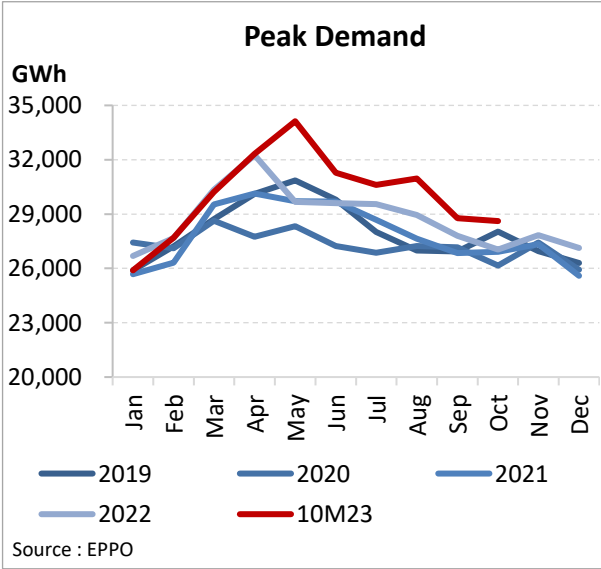
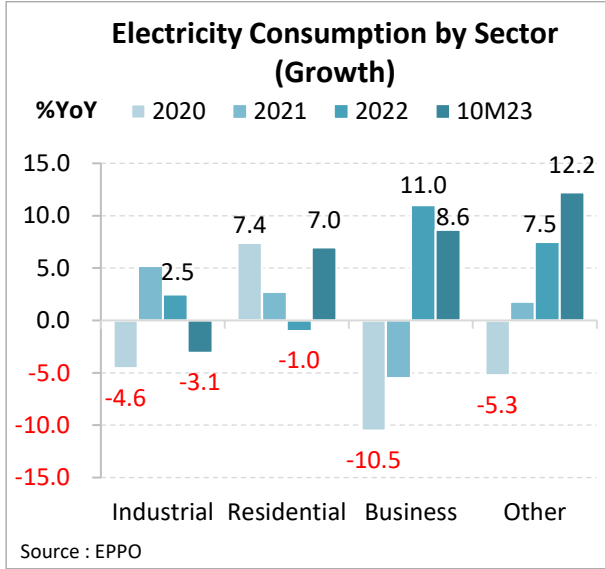
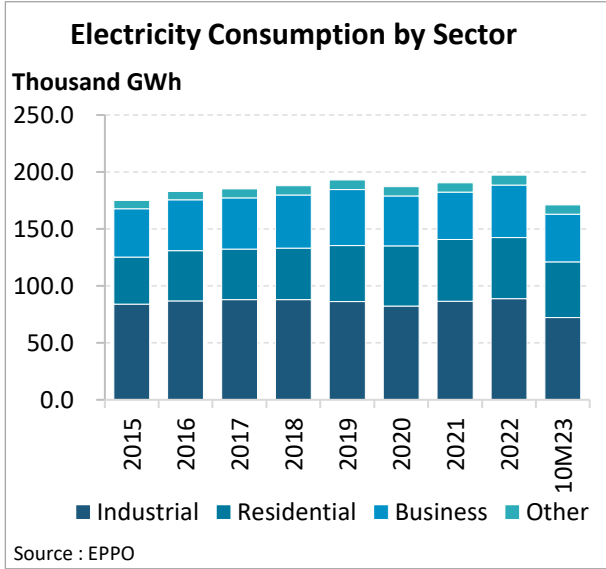
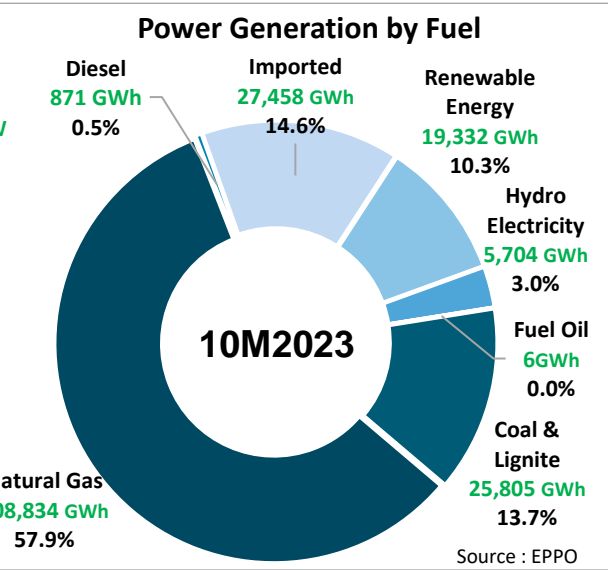
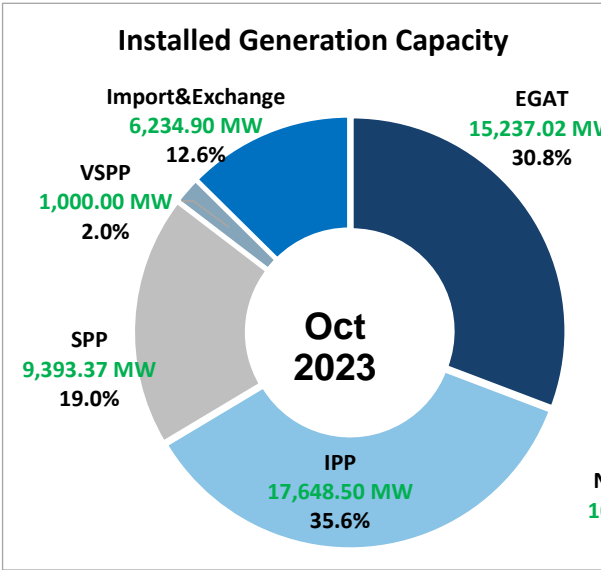
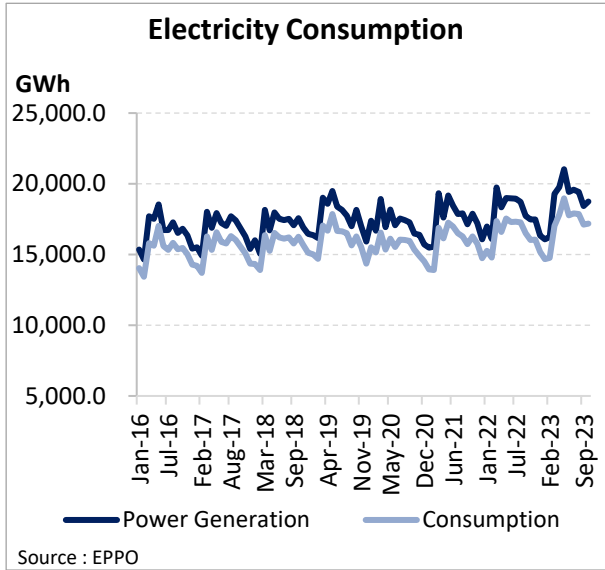
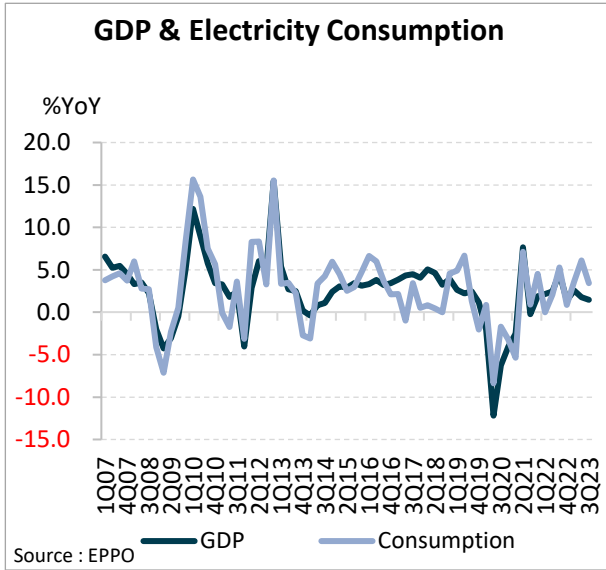


Source: OIE

Plastic Packaging MPI



30. Power Generation (ผลิตไฟฟ้า) [1/2]



30. Power Generation (ผลิตไฟฟ้า) [2/2]

Electricity Consumption

Unit : Gwh

Category	2020	2021	2022	10M23	%YoY
Industrial	82,158	86,427	88,574	72,173	-3.1
Residential	52,860	54,290	53,747	48,788	7.0
Business	43,950	41,529	46,097	41,922	8.6
Agriculture	417	398	335	428	44.7
Government and Non-Profit	204	201	216	193	6.3
Others	3,872	3,829	4,219	4,021	12.2
Free of Charge	3,586	3,794	4,068	3,589	7.4
Total	187,046	190,468	197,256	171,113	3.1

Source : EPPD

Power Generation by Fuel

Unit : Gwh

Category	2020	2021	2022	10M23	%YoY
Natural Gas	113,859	113,113	114,637	108,834	13.2
Coal&Lignite	36,823	36,065	35,523	25,805	-13.4
Imported	29,551	33,356	35,472	27,458	-11.5
Renewable Energy	20,529	21,927	21,876	19,332	5.7
Hydro Electricity	4,540	4,540	6,599	5,704	1.5
Diesel	97	294	1,626	871	-18.9
Fuel Oil	624	422	105	6	-93.9
Total	206,023	209,717	215,838	188,009	3.3

Source : EPPD

Renewable Energy Consumption for Power Generation by Fuel Type

Unit : MW

Target 2037	Target 2037	2020	2021	2022	5M2023
Solar	12,139	2,979.24	2,982.68	3,135.16	3,136.19
Hydro-floating Solar	2,725	-	45.00	45.00	45.00
Biomass	5,790	3,517.38	3,773.67	3,765.46	3,872.46
Wind	2,989	1,506.73	1,546.32	1,545.32	1,545.32
Biogas	1,565	557.24	572.72	651.99	652.00
Municipal Waste	900	333.68	348.48	371.09	361.19
Industrial Waste	75	-	-	34.43	44.33
Small Hydro Power	308	190.39	190.39	191.75	191.75
Large Hydro Powe	2,920	2,919.66	2,919.66	2,918.40	2,918.40
Other	0.30	0.30	0.30	0.30	0.30
Total	29,411	12,005	12,379	12,659	12,767

Source : DEDE

Peak Demand

Unit : MW

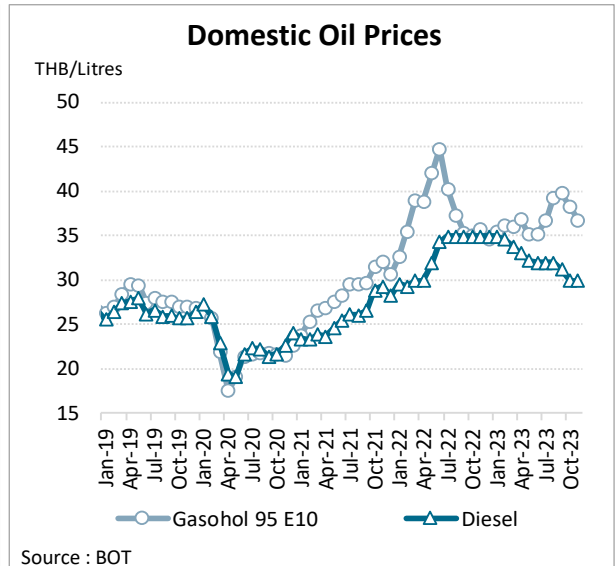
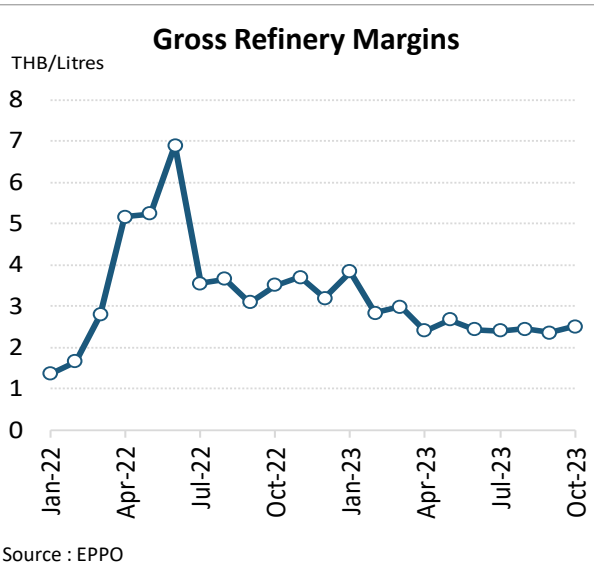
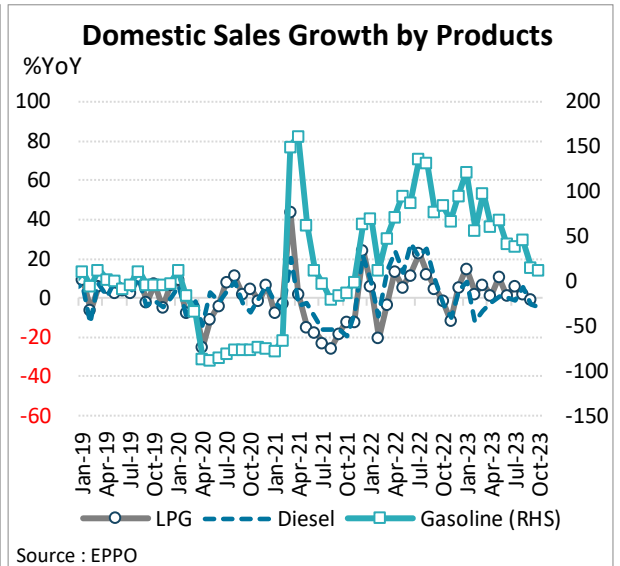
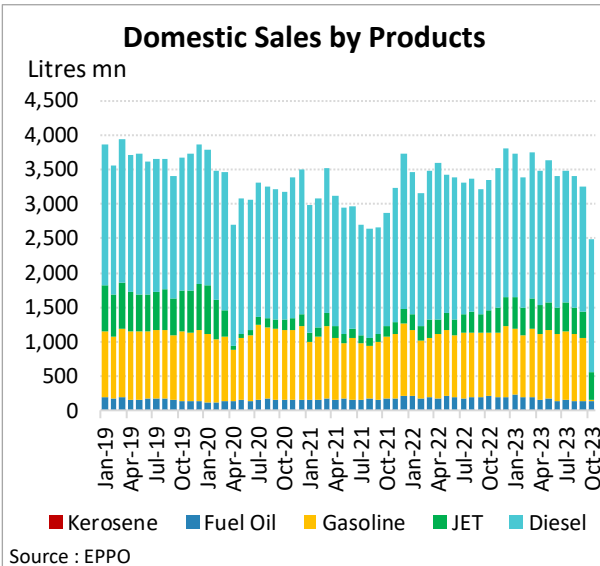
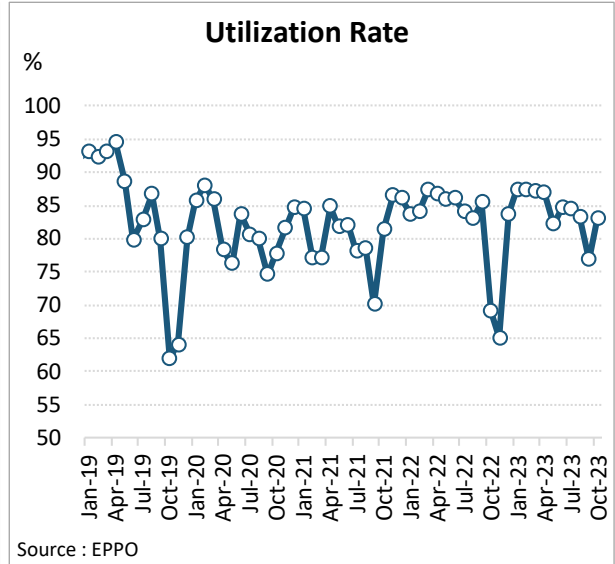
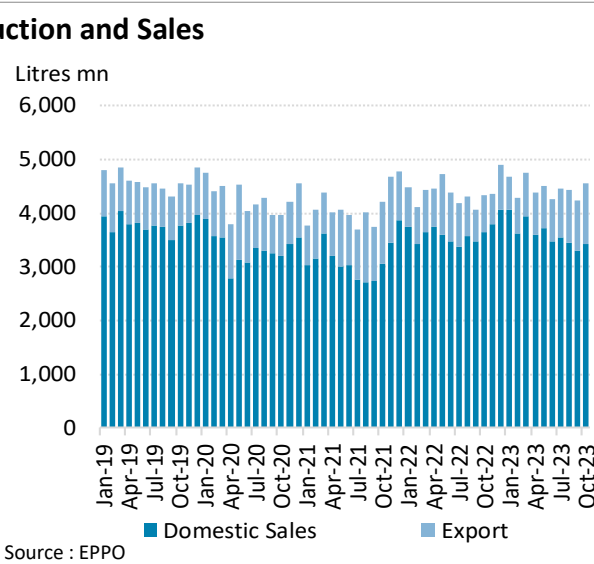
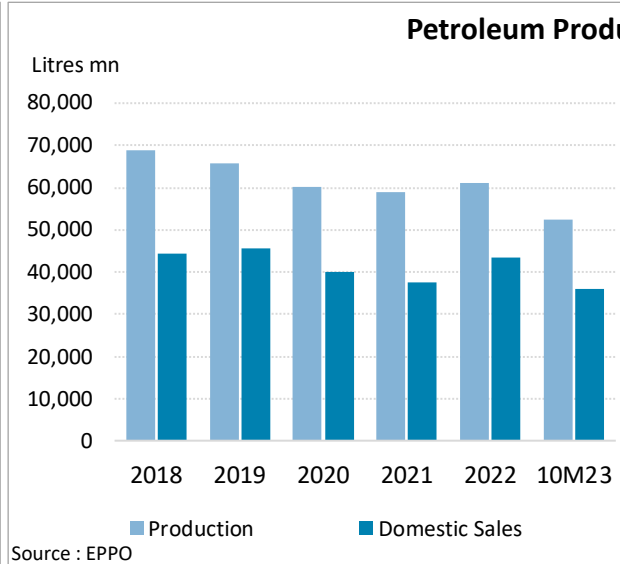
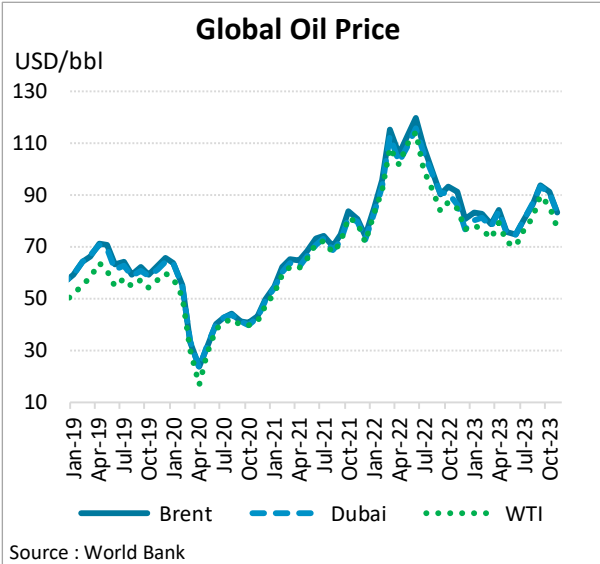
	2019	2020	2021	2022	10M23
Jan	25,898	27,423	25,686	26,688	25,896
Feb	27,215	27,112	26,319	27,673	27,687
Mar	28,722	28,637	29,537	30,349	30,213
Apr	30,120	27,747	30,135	32,255	32,324
May	30,853	28,328	29,702	29,675	34,131
Jun	29,800	27,240	29,692	29,594	31,279
July	28,015	26,855	28,691	29,558	30,601
Aug	26,987	27,235	27,642	28,952	30,963
Sep	26,937	27,159	26,841	27,808	28,768
Oct	28,026	26,162	26,920	27,042	28,604
Nov	26,958	27,433	27,347	27,833	-
Dec	26,295	25,924	25,597	27,125	-
Max	30,853	28,637	30,135	32,255	34,131

Power Generation

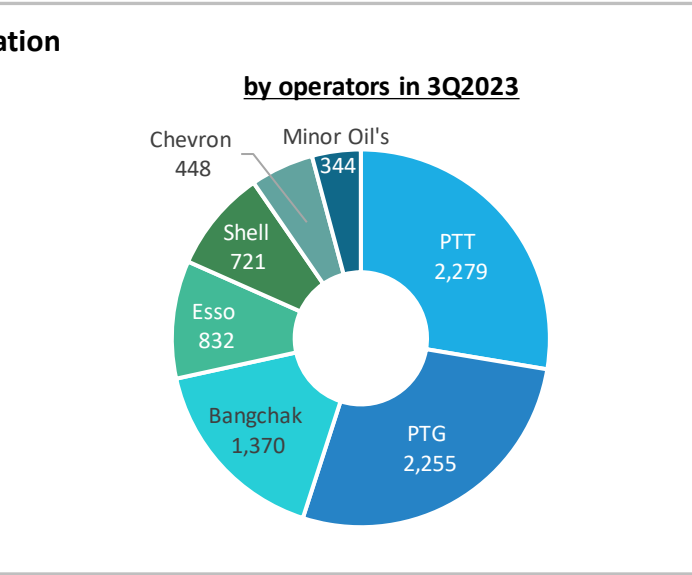
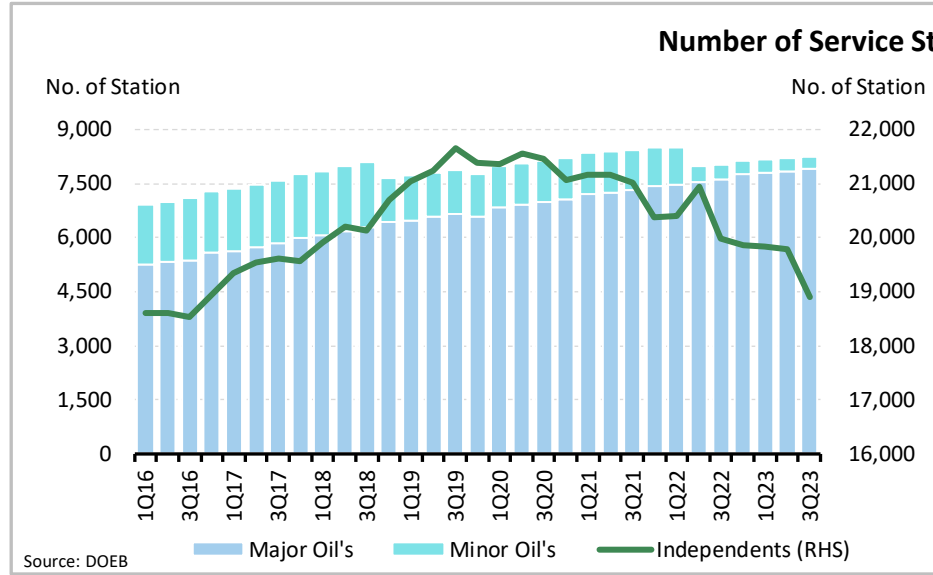
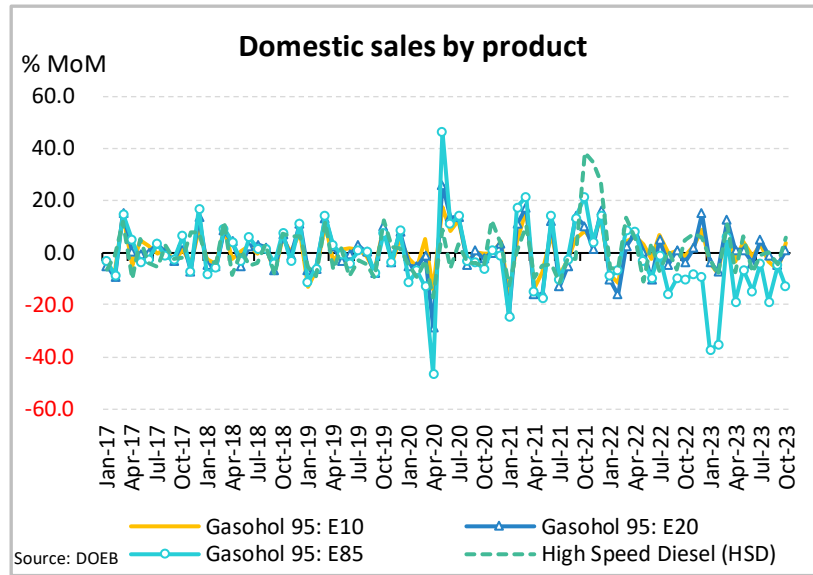
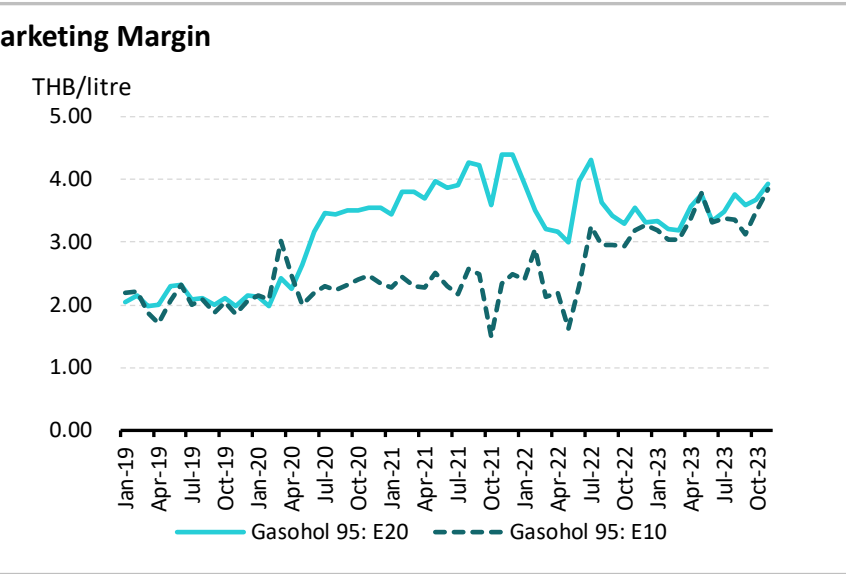
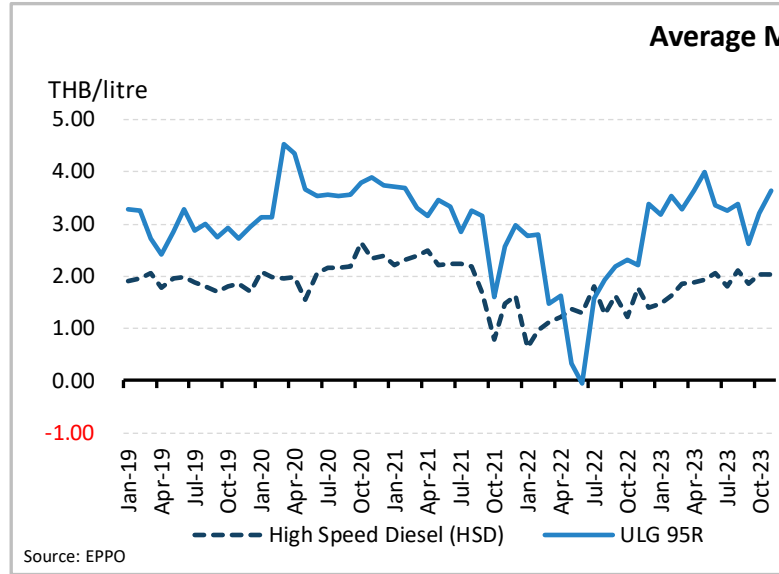
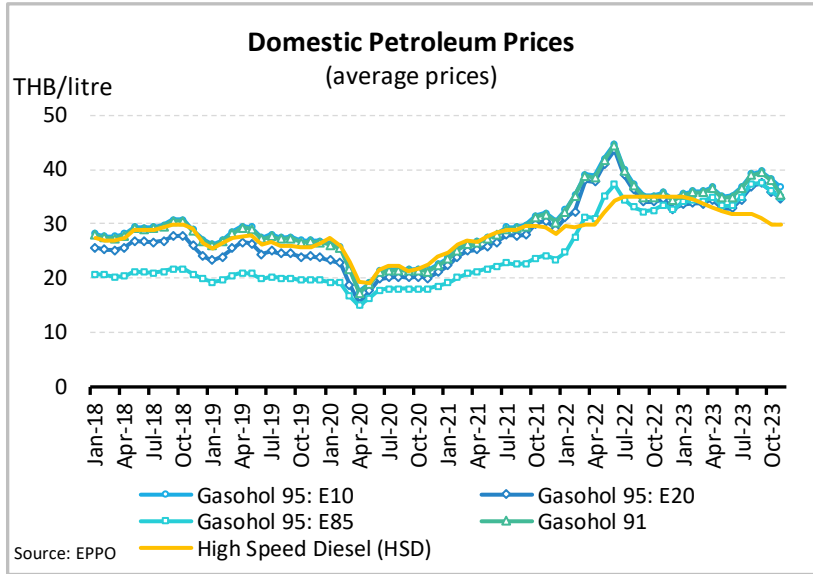
Unit : Gwh

	2019	2020	2021	2022	10M23
Jan	16,374	17,383	15,499	16,991	16,082
Feb	16,178	16,699	15,558	16,099	16,235
Mar	19,020	18,925	19,344	19,739	19,292
Apr	18,582	16,933	17,605	18,333	19,754
May	19,491	18,170	19,169	19,000	21,041
Jun	18,377	17,066	18,450	18,971	19,419
July	18,168	17,542	17,875	18,943	19,580
Aug	17,754	17,445	17,920	18,730	19,430
Sep	17,014	17,279	17,138	17,728	18,438
Oct	18,164	16,480	17,882	17,484	18,736
Nov	17,007	16,387	17,204	17,476	-
Dec	15,920	15,713	16,074	16,345	-
Total	212,050	206,023	209,717	215,838	188,009

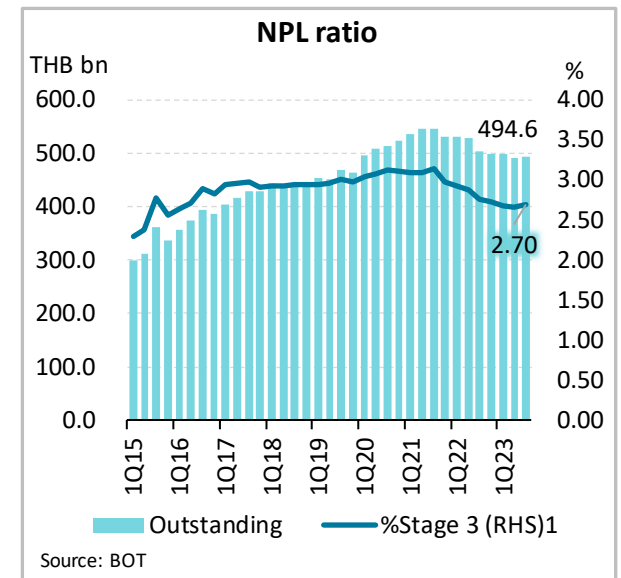
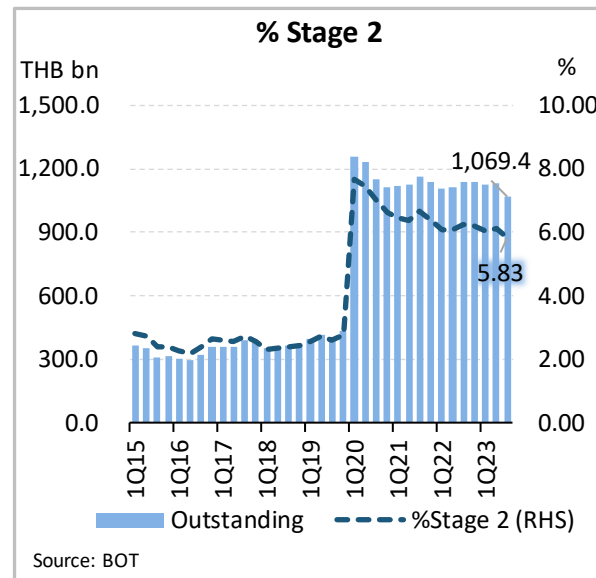
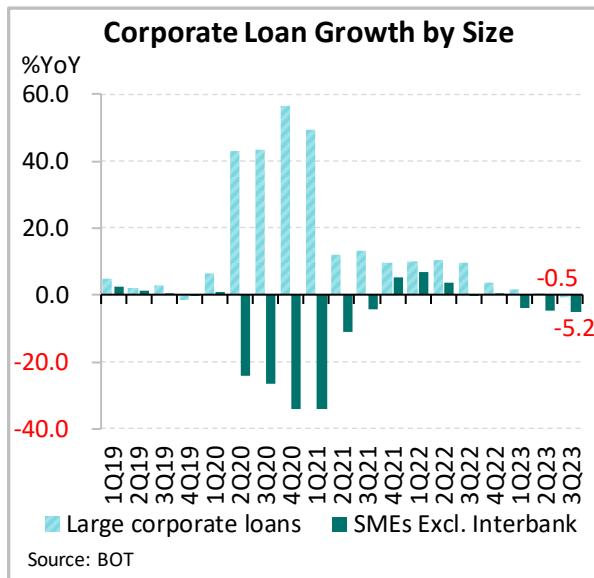
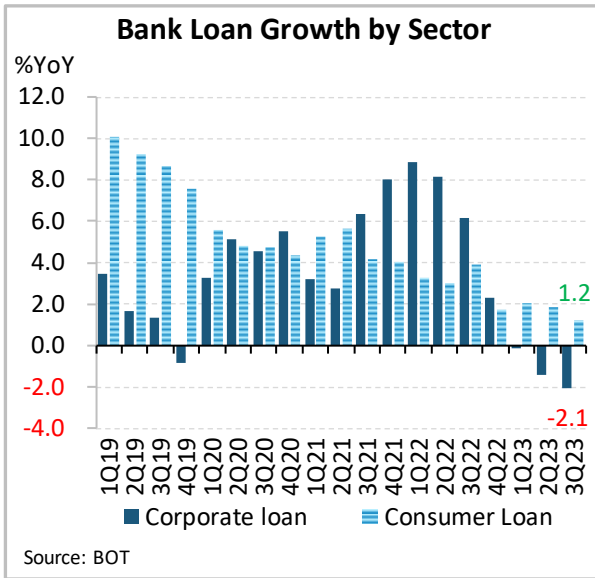
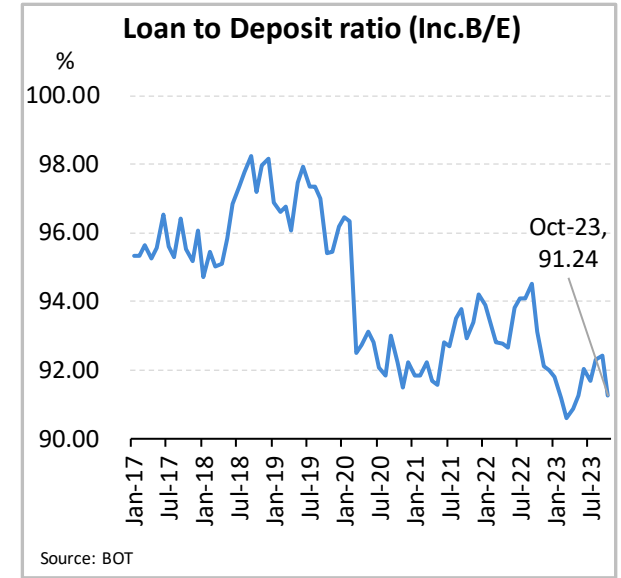
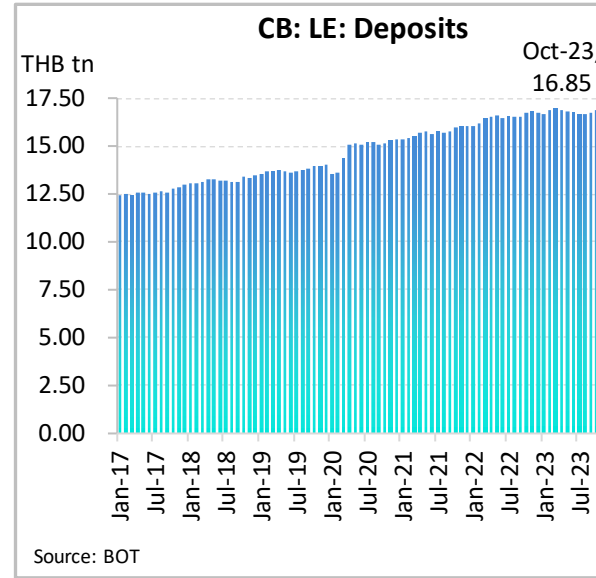
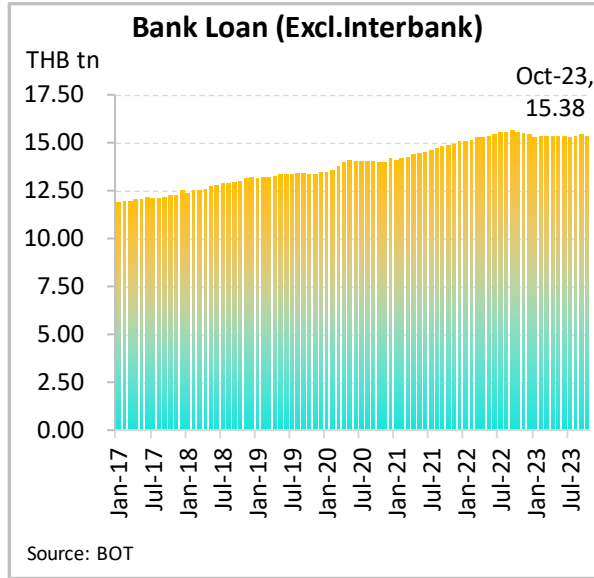
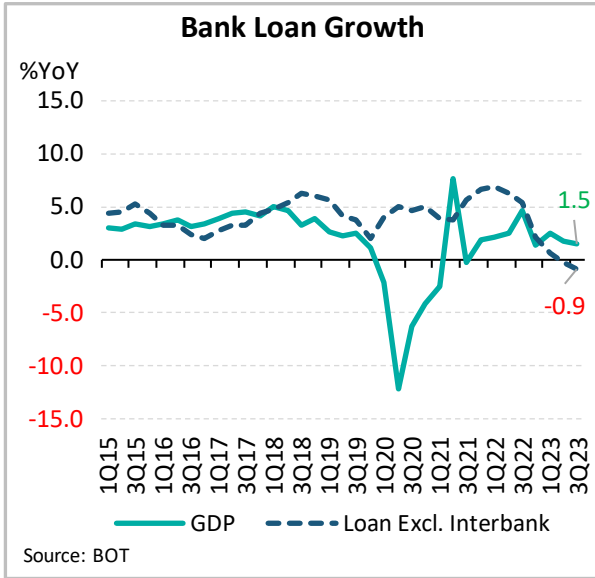
31. Refinery (โรงกลั่นน้ำมัน)



32. Service Station (สถานีบริการน้ำมันเชื้อเพลิง)



33. Banking (ธนาคาร)



End of Presentation

Disclaimer

ข้อมูล บทวิเคราะห์ และการแสดงความคิดเห็นต่างๆ ที่ปรากฏอยู่ในรายงานฉบับนี้ ได้จัดทำขึ้นบนพื้นฐานของแหล่งข้อมูลที่ได้รับมาจากแหล่งข้อมูลที่เชื่อถือได้ เพื่อใช้ประกอบการวิเคราะห์ภาวะเศรษฐกิจและอุตสาหกรรมซึ่งเป็นเอกสารภายในของธนาคารแลนด์ แอนด์ เฮาส์ จำกัด (มหาชน) เท่านั้น ทั้งนี้ธนาคารฯ จะไม่รับผิดชอบความเสียหายใดๆ ทั้งปวงที่เกิดขึ้นจากการนำข้อมูล บทวิเคราะห์ การคาดหมาย และความคิดเห็นต่างๆ ที่ปรากฏในรายงานฉบับนี้ไปใช้ โดยผู้ที่ประสงค์จะนำไปใช้ต้องยอมรับความเสี่ยง และความเสียหายที่อาจเกิดขึ้นเองโดยลำพัง