

Krungthai Bank

(KTB.BK/KTB TB)*

Neutral Downgraded

Price as of 27 Nov 2024	20.20
12M target price (Bt/shr)	21.00
Unchanged/Revised up(down)(%)	(6.5)
Upside/downside (%)	5.0

Key messages

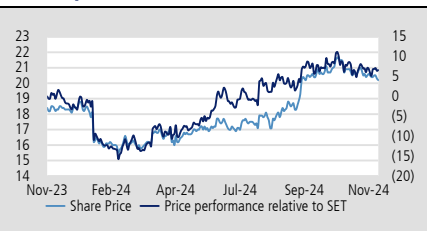
เราคาดว่าภาวะเศรษฐกิจ และ สถานการณ์หนี้เสียจะกดดันให้ KTB (ในฐานะที่เป็นธนาคารรัฐ) เป็นแกนนำให้การดำเนินมาตรการช่วยเหลือแทนที่จะเป็นธนาคารพาณิชย์อื่น ๆ เรามองว่าประเด็นนี้จะบีบให้ผลประกอบการของ KTB ไม่ดีเหมือนปกติ โดยเราได้ปรับเพิ่มสมมติฐานค่าใช้จ่ายในการดำเนินงานเพื่อสะท้อนถึงค่าใช้จ่ายที่เพิ่มขึ้นจากการถูกบีบให้ช่วยเหลือลูกหนี้ ทั้งนี้ เมื่อใช้ PBV ที่ 0.65x ทำให้เราได้ราคาเป้าหมายปี 2568F ใหม่ที่ 21.0 บาท (ลดลงจากเดิมที่ 22.5 บาท) และ เราได้ปรับลดคำแนะนำจากซื้อเป็นถือ .

Mkt cap (Btbn/US\$m)	282,316/8,427	
Outstanding shares (mn)	13,976	
Foreign ownership (mn)	n.a.	
3M avg. daily trading (mn)	63.31	
52-week trading range (Bt)	15.5/21.7	
Performance (%)	3M	6M
Absolute	8.0	17.4
Relative	2.6	10.5

Quarterly EPS

	1Q	2Q	3Q	4Q
2022	0.63	0.60	0.60	0.58
2023	0.72	0.73	0.74	0.44
2024	0.79	0.80	0.79	

Share price chart



Source: SET

Chalie Kueyen
66.2658.8888 Ext.8851
chaliek@kgi.co.th

แรงกดดันเพิ่มขึ้นเนื่องจากผลการดำเนินงานดีเกินไป

Event

ปรับลดประมาณการกำไรปี 2568 ลง 3.5%, ปรับลดราคาเป้าหมายปี 2568F และ ปรับลดคำแนะนำเป็นถือ

Impact

ถูกกดดันมากกว่าธนาคารอื่น ๆ ในการออกมาตรการช่วยเหลือลูกหนี้

ภายใต้สภาวะกดดันของลูกหนี้สถานการณ์ทิศทางดอกเบี้ยขาขึ้นในรอบที่ผ่านมา และความได้เปรียบของ KTB ในการเป็นธนาคารที่ทำธุรกิจกับภาครัฐในการปล่อยสินเชื่อโดยตรง และปล่อยพนักงานรัฐ ทำให้ KTB มีความเสี่ยงหนี้เสียต่ำ และคงจ.สำรองต่ำ เรามองว่าการที่รัฐบาลพยายามออกนโยบายช่วยเหลือเพิ่มเติมแก่ลูกค้าที่ประสบปัญหาในกลุ่มสินเชื่อที่อยู่อาศัย และ สินเชื่อผู้บริโภคจะเป็นแรงกดดันต่อ KTB มากกว่าธนาคารอื่น ๆ เราสะท้อนความเสี่ยงโดยการปรับเพิ่มค่าใช้จ่ายในการดำเนินงานสูงขึ้น

แรงกดดันทางด้าน Margin อยู่ในประมาณการของเราแล้ว

อัตราการขยายตัวของสินเชื่อ KTB ขึ้นอยู่กับสินเชื่อภาครัฐอย่างมาก (16% ของสินเชื่อรวม) โดยตั้งแต่ต้นปีมาจนถึงตอนนี้ ทั้งนี้ภายใต้การโตสินเชื่อรวมที่ลดลง 0.5% YTD (สินเชื่อธุรกิจ -7% และ สินเชื่อ SME -8%) แต่มีเพียงสินเชื่อภาครัฐเท่านั้นที่โตแรงถึง 11% การขยายสินเชื่อภาครัฐช่วยลดความเสี่ยงด้านเครดิต (credit risk) ของธนาคารต่ำ แต่ก็กดดันให้ NIM ลดลงด้วยเช่นกัน ทั้งนี้ สมมติฐานอัตราการขยายตัวของสินเชื่อปี 2568F ที่ 5% ของเราสะท้อนอัตราการเติบโตของสินเชื่อภาครัฐปีนี้ที่ 10% ซึ่งจะกดดันให้ NIM ลดลง 20bps เหลือ 3.17% ในปี 2568F ไปเรียบร้อยแล้ว

ยังคงมุมมองคงจ.สำรองฯ (credit cost) ลดลงปีหน้า

เนื่องจากธนาคารขยายสินเชื่อภาครัฐที่มี yield ต่ำเพิ่มขึ้น และ สัดส่วน NPL coverage อยู่ในระดับสูง (ปัจจุบันอยู่ที่ 178%) ซึ่งยังสูงกว่าระดับที่สบายใจได้ (125%) ดังนั้น KTB จึงน่าจะลด credit cost ลงได้ในปี 2568F ณ จุดนี้ เราใช้สมมติฐาน credit cost ปีนี้ที่ 110bps (ลดลงจาก 125bps ในปี 2567F)

ปรับลดประมาณการกำไรปี 2568 ลง 3.5%, ปรับลดราคาเป้าหมายปี 2568F และ ปรับลดคำแนะนำเป็นถือ

เนื่องจากเราคาดว่าภาวะเศรษฐกิจ และ สถานการณ์หนี้เสียจะกดดันให้ KTB (ในฐานะที่เป็นธนาคารรัฐ) เป็นแกนนำให้การดำเนินมาตรการช่วยเหลือแทนที่จะเป็นธนาคารพาณิชย์อื่น ๆ เรามองว่าประเด็นนี้จะบีบให้ผลประกอบการของ KTB ไม่ดีเหมือนปกติ โดยเราได้ปรับเพิ่มสมมติฐานค่าใช้จ่ายในการดำเนินงานเพื่อสะท้อนถึงค่าใช้จ่ายที่เพิ่มขึ้นจากการถูกบีบให้ช่วยเหลือลูกหนี้ ทั้งนี้ เมื่อใช้ PBV ที่ 0.65x ทำให้เราได้ราคาเป้าหมายปี 2568F ใหม่ที่ 21.0 บาท (ลดลงจากเดิมที่ 22.5 บาท) และ เราได้ปรับลดคำแนะนำจากซื้อเป็นถือ

Risks

แรงกดดันทางด้าน NIM และ การด้อยค่าของ NPA.

Key financials and valuations

	Dec-21A	Dec-22A	Dec-23A	Dec-24F	Dec-25F	Dec-26F
Pre-pro. profit (Bt mn)	55,430	63,675	83,668	79,307	77,011	89,620
Pretax profit (Bt mn)	27,564	42,775	46,518	52,087	52,186	56,050
Net income (Bt mn)	21,588	33,698	36,616	40,909	40,913	43,921
EPS (Bt)	1.54	2.41	2.62	2.93	2.93	3.14
DPS	0.42	0.68	0.79	0.88	0.88	0.94
EPS Growth (%)	29.0	56.1	8.7	11.7	0.0	7.4
Dividend Yield (%)	3.01	3.83	4.34	4.35	4.35	4.67
P/E (x)	9.0	7.4	6.9	6.9	6.9	6.4
P/BV (x)	0.5	0.7	0.6	0.7	0.6	0.6
ROAA (%)	0.6	0.9	1.0	1.1	1.1	1.1
ROAE (%)	5.9	8.8	9.0	9.4	8.8	9.0

Source: Company data, KGI Securities Research

2024F/2025F earnings forecasts

We expect KTB's net profit to grow 12% YoY in 2024F and be flat YoY in 2025F. Given a lower GDP forecast for 2024F and no significant jump expected in 2025F, we assume i) loan growth of 0% YoY in 2024F and 5% YoY in 2025F, ii) delayed rate cut resulting in solid NIM of 3.35% in 2024F, but narrowing 20bps in 2025F, and iii) credit cost declining 125bps in 2024F and 110bps in 2025F aligning with solid NPL coverage and excess provisioning expense the bank provided in 2023-2024F, and growing new loans with a focus on low risk.

Figure 1: Key assumptions

	2021	2022	2023	2024F	2025F	2026F
Loan growth	13.3%	-1.2%	-0.7%	0.0%	5.0%	6.0%
Deposit growth	6.2%	-0.9%	2.2%	0.0%	5.0%	6.0%
Non-NII Growth	-4.4%	7.9%	3.0%	12.2%	-8.4%	5.5%
Operating expense growth	-1.4%	3.9%	13.5%	9.5%	-1.8%	1.5%
LDR	94.7%	94.3%	91.7%	91.6%	91.6%	91.7%
LDR + borrowing	91.0%	91.3%	88.8%	89.0%	89.3%	90.1%
Asset yield	3.15%	3.29%	4.35%	4.53%	4.26%	4.18%
from Investment	1.17%	1.56%	2.05%	1.82%	1.77%	1.55%
from Loan	3.93%	3.96%	5.16%	5.46%	5.16%	5.06%
Cost of fund	0.73%	0.76%	1.28%	1.48%	1.26%	1.27%
NIM	2.51%	2.62%	3.24%	3.35%	3.17%	3.09%
Gross NPL (Bt bn)	106.81	101.10	99.44	93.79	98.48	104.28
NPL ratio	4.0%	3.9%	3.8%	3.6%	3.6%	3.6%
NPL cov.	162%	172%	174%	187%	184%	186%
Credit cost (bps)	123	93	143	125	110	100
Cost/income	43.7%	42.6%	38.5%	39.8%	40.9%	40.6%
Effective tax rate	19.6%	19.6%	19.7%	20.0%	20.0%	20.0%
ROA	0.6%	0.9%	1.0%	1.1%	1.1%	1.1%
ROE	5.9%	8.8%	9.0%	9.4%	8.8%	9.0%
Non-NII	32.41	34.99	36.05	40.46	37.06	39.11
Fee & service inc.(Bt bn)	20.02	20.32	20.87	21.76	22.16	23.71

Source: Company data, KGI Securities Research

Figure 2: Key assumption changes

	Previous		Revised	
	2024F	2025F	2024F	2025F
C/I ratio	39.8%	39.8%	39.8%	40.9%

Source: KGI Securities Research

Figure 3: KTB's quarterly income statements

Bt mn	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	% chg		9M23	9M24	% chg
								QoQ	YoY			
Income Statement (Bt mn)												
NII	25,619	27,771	29,667	30,362	29,561	30,056	29,885	(0.6)	0.7	83,058	89,502	7.8
Non-NII	9,653	7,944	9,221	9,228	11,141	9,394	10,672	13.6	15.7	26,818	31,207	16.4
- Fee income, net	5,139	4,797	5,503	5,434	5,577	5,277	5,619	6.5	2.1	15,438	16,473	6.7
- FVTPL	1,899	1,221	914	1,145	1,661	1,528	1,821	19.2	99.3	4,034	5,010	24.2
- Gain on investment	259	(63.6)	3.9	(4.1)	237.4	3.1	377.2			199	618	>100
Total operating income	35,272	35,715	38,888	39,590	40,703	39,449	40,557	2.8	4.3	109,875	120,709	9.9
Total operating expenses	15,667	15,939	18,671	19,679	19,827	18,627	19,302	3.6	3.4	50,277	57,756	14.9
- impairment charge	276.8	579.8	1,297	2,395	3,792	1,610	37	(102.3)	(102.8)	2,154	5,366	149.1
PPOP	19,605	19,776	20,218	19,911	20,876	20,822	21,255	2.1	5.1	59,599	62,953	5.6
PPOP - ex FVTPL	17,983	19,135	20,602	21,161	23,007	20,904	19,397	(7.2)	(5.8)	57,719	63,309	9.7
Loan Loss Provision	8,104	7,754	8,157	13,070	8,029	8,004	8,312	3.9	1.9	24,016	24,345	1.4
Net profit	10,066	10,156	10,282	6,111	11,078	11,195	11,107	(0.8)	8.0	30,505	33,381	9.4
EPS (Bt)	0.72	0.73	0.74	0.44	0.79	0.80	0.79	(0.8)	8.0	2.18	2.39	9.4
Profitability (%)												
Yield on earnings assets	3.91	4.26	4.55	4.76	4.65	4.72	4.75					
Cost of funds	1.12	1.21	1.31	1.49	1.49	1.50	1.54					
Net interest margin	2.94	3.21	3.41	3.46	3.36	3.42	3.42					
Cost-to-income ratio	38.7	39.3	43.0	44.8	43.6	41.7	42.4					
Effective tax rate	18.7%	20.6%	19.8%	19.7%	19.6%	19.2%	19.7%					
ROAA	1.1	1.1	1.1	0.7	1.2	1.2	1.2					
ROAE	10.7	10.9	10.9	6.3	11.0	11.2	10.8					
Asset quality												
NPL (Bt bn)	102.9	98.8	98.3	99.4	98.8	98.7	98.3	(0.4)	(0.0)			
% to loans	3.9	3.8	3.7	3.8	3.7	3.8	3.8					
NPL coverage	176.4	171.3	174.2	174.3	174.8	175.6	178.7					
Credit cost (bps)	124	119	123	201	122	124	129					
Loan under TFRS9 (Bt bn)												
Stage 1 - performing loan	2,276.9	2,290.4	2,354.8	2,295.5	2,337.8	2,289.3	2,290.3					
Stage 2 - under performing loan	217.5	204.1	196.3	201.9	203.1	194.7	196.4					
Stage 3 - NPL performing loan	110.9	98.5	97.7	98.8	98.1	98.3	97.8					
Others	3.3	3.5	3.4	3.2	3.0	2.5	2.3					
Loan (Bt bn)	2,609	2,596	2,652	2,599	2,642	2,585	2,587	0.1	(2.5)			
ECL reserve (Bt bn)												
Stage 1 - performing loan	46.6	46.4	47.4	47.2	44.4	43.9	44.8					
Stage 2 - under performing loan	55.1	52.6	53.0	56.9	59.5	60.1	61.7					
Stage 3 - NPL performing loan	79.1	69.5	70.1	68.3	67.9	68.7	68.5					
Others	0.7	0.7	0.7	0.8	0.9	0.6	0.6					
Total	181.6	169.3	171.3	173.3	172.8	173.3	175.7					
Loan by segment (Bt bn)												
Corp	736	728	736	740	740	711	690	(4.0)	(2.4)			
Govt'	415	419	451	378	424	402	419	(5.2)	(4.0)			
SME	312	298	294	292	287	272	268	(5.0)	(8.5)			
Retail	1,119	1,135	1,150	1,168	1,168	1,177	1,187	0.8	3.7			
- Mort	474	478	483	485	486	491	499	1.0	2.8			
- P-loan	574	584	594	605	609	613	617	0.7	5.0			
- Credit card	67	68	69	74	69	69	69	0.1	0.9			
- Leasing	4	4	4	4	3	3	3	(15.0)	(29.3)			
Others	0	0	0	0	0	0	0	(4.5)	(16.1)			
Loan (Bt bn)	2,583	2,578.9	2,630.9	2,577.1	2,618.7	2,561.6	2,565.2	(2.2)	(0.7)			
Growth												
Corp	3.1	(1.2)	4.7	0.5	0.6	(2.4)	(6.2)					
Govt'	(27.0)	(17.6)	(9.9)	(11.6)	2.1	(4.0)	(7.0)					
SME	(5.3)	(8.9)	(9.3)	(8.2)	(8.2)	(8.5)	(8.8)					
Retail	6.9	6.7	6.1	5.0	4.3	3.7	3.2					
Others	(15.7)	(13.6)	(16.2)	(16.1)	(17.1)	(16.1)	27.6					
Total	(2.9)	(2.1)	0.7	(0.6)	1.4	(0.7)	(2.5)					

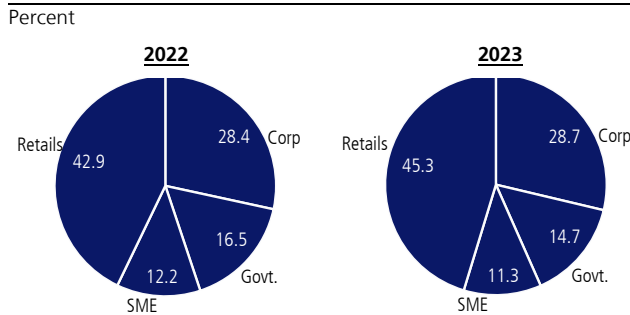
Source: KGI Securities Research

Figure 4: Company profile

Krungthai Bank (KTB) is a large commercial bank in Thailand conducting business through a nationwide branch network and in certain major centers of the world. The bank is owned by Financial Institution Rehabilitation Fund, a government special entity, at 55%.

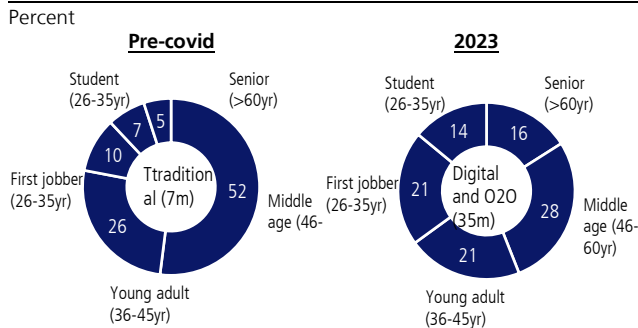
Source: Company data, KGI Securities Research

Figure 6: Loan breakdown



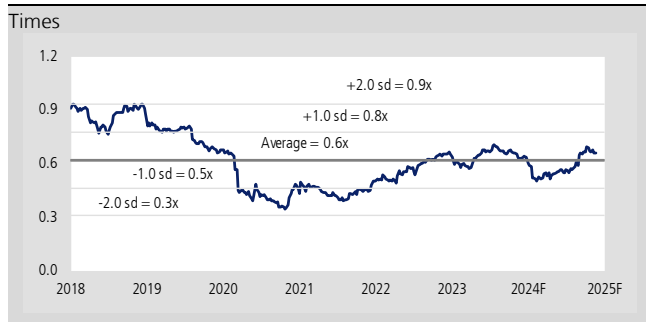
Source: Company data, KGI Securities Research

Figure 8: Customer transformation



Source: Company data, KGI Securities Research

Figure 9: PBV



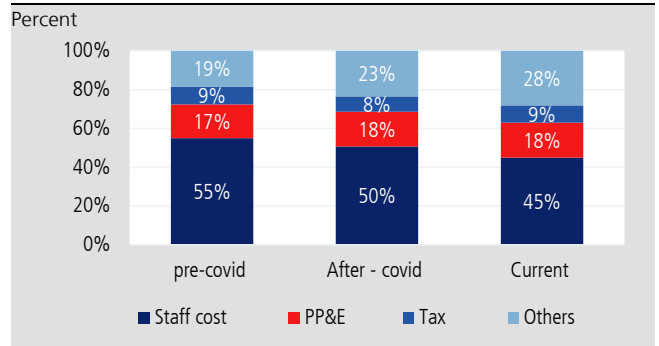
Source: Company data, KGI Securities Research

Figure 5: Financial target

	1H2024 Actual	2024 Targets
Loan Growth (%YoY)	-0.7%	Around 3%
Net Interest Margin (%)	3.35%	3.0% - 3.3%
Fee Income Growth (%YoY)	10.0%	Low to mid Single Digit
Cost to Income Ratio (%)	42.6%	Low to Mid 40s
NPL (%)	3.12%	< 3.25%
Credit Cost (bps)	126 bps	120 - 130 bps
Coverage Ratio (%)	181.1%	170% +

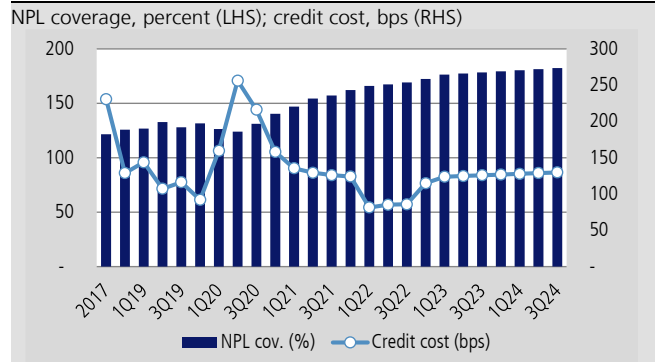
Source: Company data, KGI Securities Research

Figure 7: Opex breakdown



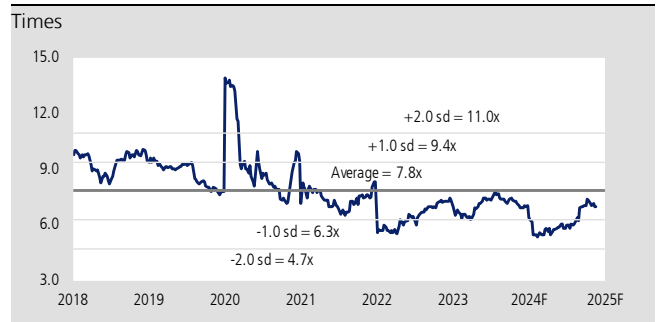
Source: Company data, KGI Securities Research

Figure 9: NPL coverage and credit cost



Source: Company data, KGI Securities Research

Figure 10: PE



Source: Company data, KGI Securities Research

Balance Sheet

As of 31 Dec (Bt mn)	2022	2023	2024F	2025F	2026F
Total Assets	3,592,410	3,677,700	3,579,401	3,744,296	3,917,823
Cash	61,591	55,626	64,673	68,288	61,743
Interbank and MM	550,941	701,162	666,103	682,003	688,103
Investments	277,055	263,708	316,988	324,912	333,035
Loans & Accr. - Net	2,443,832	2,426,108	2,423,540	2,545,802	2,702,430
Properties Foreclosed	40,829	34,860	34,860	45,000	45,000
PP&E	31,200	31,064	31,064	31,064	31,064
Others	186,962	165,173	42,173	47,226	56,447
Total Liabilities	3,199,847	3,256,853	3,127,063	3,266,097	3,417,603
Deposits	2,590,236	2,646,872	2,646,872	2,779,215	2,945,968
Interbank and MM	277,099	282,696	281,127	285,150	270,026
Borrowings	151,172	160,839	158,497	159,257	137,899
Capital Surplus	20,834	20,834	20,834	20,834	20,834
Minority	16,267.3	18,470.2	18,720.2	18,970.2	19,220.2
Supplementary					
Non-Performing Loans	101,096	99,439	93,789	98,478	104,283

Source: KGI Securities Research

Profit & Loss

Year to 31 Dec (Bt mn)	2022	2023	2024F	2025F	2026F
Interest income	113,475	152,369	161,843	156,099	160,125
Interest expense	23,070	38,949	45,778	39,867	41,762
Net Interest Income (NII)	90,405	113,419	116,065	116,232	118,362
Provisioning exp	24,338	37,085	32,566	30,091	28,971
NII after Provision	66,067	76,334	83,499	86,141	89,391
Non-Interest income, net	34,986	36,046	40,460	37,062	39,113
Fee Income, net	20,316	20,872	21,760	22,162	23,713
Gain on investment	239	195	800	600	600
Bancassurance					
Others	14,432	14,978	17,900	14,300	14,800
Non-Interest expenses	54,771	62,157	68,072	66,837	67,855
PPOP	70,620	87,309	88,452	86,457	89,620
Profit before tax	46,283	50,223	55,887	56,366	60,648
Income Tax	9,077	9,902	11,177	11,273	12,130
Minority Interest	3,508	3,705	3,800	4,180	4,598
Net profit	33,698	36,616	40,909	40,913	43,921
EPS (Bt)	2.41	2.62	2.93	2.93	3.14

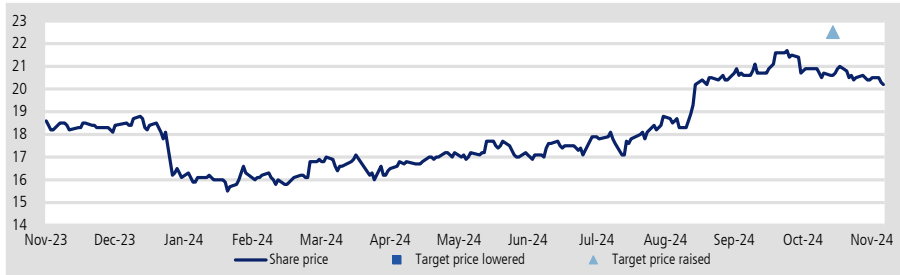
Source: KGI Securities Research

Key ratio

Year to 31 Dec	2022	2023	2024F	2025F	2026F
Growth (YoY %)					
Loans and Accrued Interests	(1.2)	(0.7)	0.0	5.0	6.0
Deposits	(0.9)	2.2	0.0	5.0	6.0
Total Assets	1.0	2.4	(2.7)	4.6	4.6
Total Equity	4.9	7.2	7.5	5.5	4.5
Growth (YoY %)					
Net Interest Income	8.4	25.5	2.3	0.1	1.8
Loan Loss Provision	(25.2)	52.4	(12.2)	(7.6)	(3.7)
Non-Interest Income	7.9	3.0	12.2	(8.4)	5.5
Fee Income, net	1.5	2.7	4.3	1.8	7.0
Total Revenue (NII + Non-NII)	8.3	19.2	4.7	(2.1)	2.7
Net Profit	56.1	8.7	11.7	0.0	7.4
EPS	56.1	8.7	11.7	0.0	7.4
Cost of Funds	0.76	1.28	1.48	1.26	1.27
Fee Income/Total Oper.Rev.	16.2	14.0	13.9	14.5	15.1
Fee income/Total Assets	0.57	0.57	0.61	0.59	0.61
Cost/OP Income Ratio	43.7	41.6	43.5	43.6	43.1
Capital Adequacy (%)					
Tier 1 Ratio	16.69	17.62	18.47	19.37	20.27
CET1	15.7	16.6	17.5	18.4	19.3
Tier 2 Ratio	3.0	3.1	3.0	3.0	3.0
Capital Adequacy Ratio	19.68	20.68	21.47	22.37	23.27
Equity/Asset Ratio	10.9	11.4	12.6	12.7	12.7
Asset Quality (%)					
NPLs Ratio	3.9	3.8	3.6	3.6	3.6
NPL Coverage Ratio	172	174	187	184	186
Loan Loss Reserve/Loans Ratio	6.7	6.7	7.0	6.9	6.7
Credit cost (bps)	93	143	125	110	100
Liquidity (%)					
Loans/Deposits Ratio	94.3	91.7	91.6	91.6	91.7
Loans/Deposits & Borr. Ratio	91.3	88.8	89.0	89.3	90.1
Money market-net/Asset Ratio	15.3	19.1	18.6	18.2	17.6
Per Share Data (Bt)					
EPS (fully diluted)	2.4	2.6	2.9	2.9	3.1
DPS	0.7	0.8	0.9	0.9	0.9
Book value	26.9	28.8	31.0	32.8	34.3

Source: KGI Securities Research

Krungthai Bank – Recommendation & target price history



Date	Rating	Target	Price
5-Nov-24	Outperform	22.50	20.60
25-Mar-24	Outperform	22.00	16.80

Source: KGI Securities Research

Company's ESG details

Environment

Driving the financial mechanism for the transition to a circular economy system

Krungthai Bank is dedicated to creating shared values with customers and entrepreneurs of all sizes, by providing credit support to environmentally friendly businesses. The bank also strives to develop innovative products, services, and financial solutions that promote the transition to a low-carbon society.

The Bank's next phase will include setting targets to reduce greenhouse gas emissions across its operations and value chain, using Science Based Targets (SBTi) as a framework. This approach reassures investors that the plan will allow the Bank to manage its greenhouse gas emissions portfolio, in line with Thailand's net-zero target by 2065

Waste Management: The Bank has implemented a waste management project, leveraging innovation and digital technology, based on the concept of "Care for the World.

- 44,859.24 kilograms of recyclable waste from within the Bank's premises was sorted.
- 202,931.81 kgCO₂ e of GHG emissions were reduced.

Energy Management: In 2023, the Bank continually implemented energy-saving initiatives. These included projects aimed at reducing energy consumption in the Bank's operations and raising awareness about energy management practices. The results are

- Electricity usage reduction of 786,434.84 kWh per year
- GHG emissions reduction of 393.14 tCO₂ e per year

Human capital: 100% of the employees received Future Skills training; Employee engagement 93%

Social opportunity:

- Paotang application provides over 40mn Thai with access to digital and financial knowledge, investment opportunities, and government health services.
- Overall customer satisfaction score 93.1%

Governance

Krungthai Bank places great importance on conducting its business with transparency, honesty, and fairness in accordance with the principles of good corporate governance.

The bank's corporate culture emphasizes non-corruption (through its Zero Tolerance campaign) and fair customer service (through its Market Conduct policies). Moreover, the bank is committed to continued business development and aims to contribute to the benefit of society by reducing inequality and promoting sustainable growth across all sectors of society.

- - The company maintains annual "Excellent" CG scoring From Thai Institute of Directors Association (IOD)

100% of employees have signed acknowledgments of the Code of Conduct

99.86% of the employees in the organization received training on anti-corruption

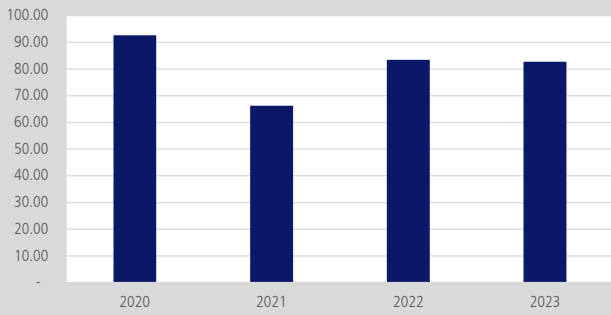
Certified for renewal as a member organization of Thai Private Sector Collective Action Against Corruption (CAC) for the 3rd consecutive time

96.06% of employees participated in the training and declared their intention to comply with the Personal Data Protection Act (PDPA)

Source: Company data, KGI Securities Research

Total GHG emissions

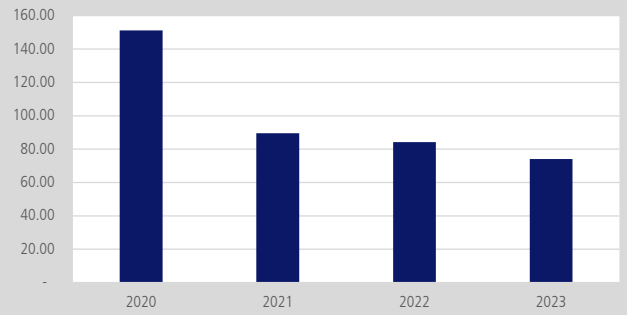
GHG emissions, mn metric tonnes of CO₂e



Source: Company data, SETSMART, KGI Securities Research

Total electricity consumption

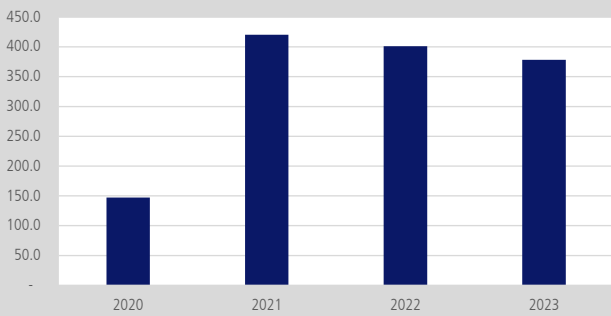
Electricity consumption, mn kilowatt-hours



Source: Company data, SETSMART, KGI Securities Research

Total water withdraw

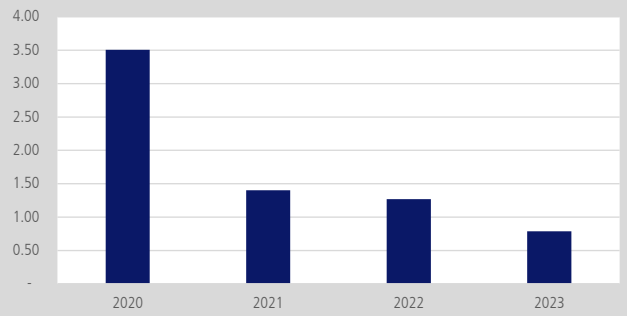
Water withdrawal, '000 m³



Source: Company data, SETSMART, KGI Securities Research

Total waste

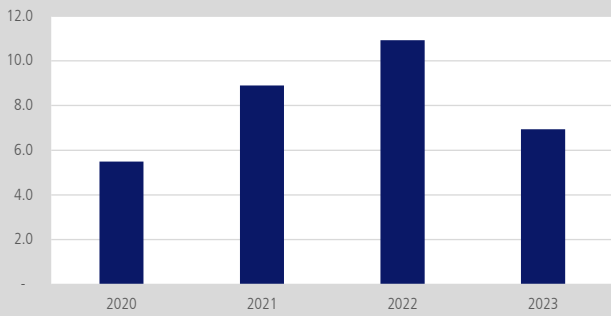
Waste generated, '000 kilograms



Source: Company data, SETSMART, KGI Securities Research

Employee turnover

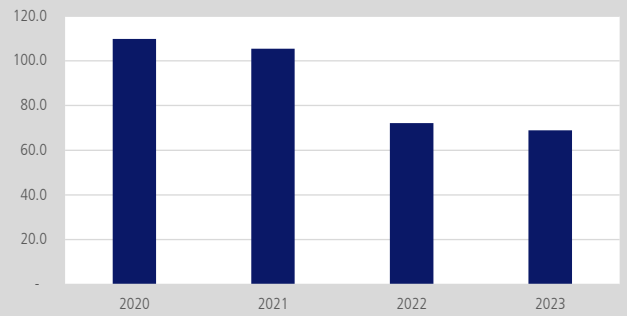
Employee turnover, percent



Source: Company data, SETSMART, KGI Securities Research

Average employee training hours

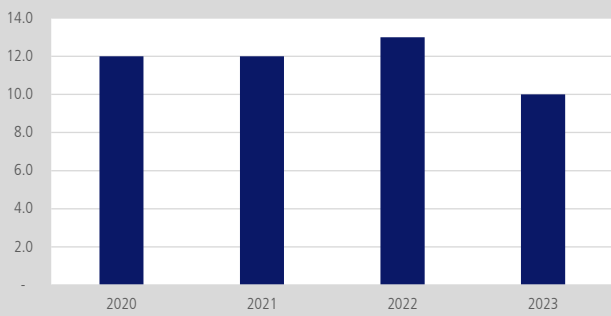
Average employee training hours, hours per person per year



Source: Company data, SETSMART, KGI Securities Research

Proportion of independent directors

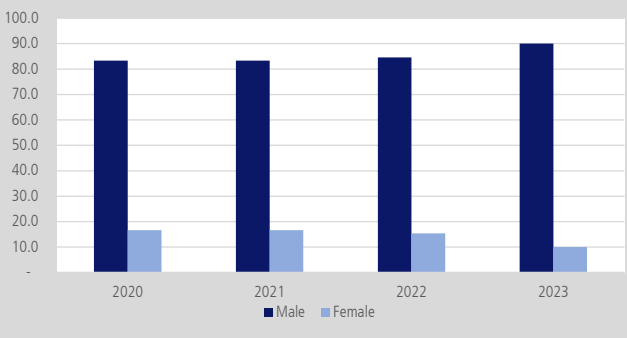
Independent directors, percent



Source: Company data, SETSMART, KGI Securities Research

Gender diversification of directors

Gender diversification, percent



Source: Company data, SETSMART, KGI Securities Research

SET ESG Ratings

Stock	Company name	SET ESG Ratings	Stock	Company name	SET ESG Ratings
ADVANC	ADVANCED INFO SERVICE	AAA	IVL	INDORAMA VENTURES	AA
AMATA	AMATA CORPORATION	AAA	KBANK	KASIKORNBANK	AAA
AOT	AIRPORTS OF THAILAND	A	KKP	KIATNAKIN PHATRA BANK	BBB
AP	AP (THAILAND)	AA	KTB	KRUNG THAI BANK	AAA
BAFS	BANGKOK AVIATION FUEL SERVICES PCL.	AA	KTC	KRUNGTHAI CARD	AAA
BAM	BANGKOK COMMERCIAL ASSET MANAGEMENT	AA	LH	LAND AND HOUSES	A
BANPU	BANPU	AAA	MAJOR	MAJOR CINEPLEX GROUP	AA
BBGI	BBGI	AA	MINT	MINOR INTERNATIONAL	AA
BBL	BANGKOK BANK	AA	MTC	MUANGTHAI CAPITAL	A
BCH	BANGKOK CHAIN HOSPITAL	AA	OR	PTT OIL AND RETAIL BUSINESS	AAA
BCPG	BCPG	AA	ORI	ORIGIN PROPERTY	AA
BDMS	BANGKOK DUSIT MEDICAL SERVICES	AA	OSP	OSOTSPA	AA
BEM	BANGKOK EXPRESSWAY AND METRO	AA	PLANB	PLAN B MEDIA	AA
BGRIM	B.GRIMM POWER	AAA	PSH	PRUKSA HOLDING	BBB
BPP	BANPU POWER	AAA	PTT	PTT	AAA
BTS	BTS GROUP HOLDINGS	AA	PTTEP	PTT EXPLORATION AND PRODUCTION	AAA
CBG	CARABAO GROUP	A	PTTGC	PTT GLOBAL CHEMICAL	AAA
CENDEL	CENTRAL PLAZA HOTEL	A	RATCH	RATCH GROUP	AA
CK	CH. KARNCHANG	A	RBF	R&B FOOD SUPPLY	BBB
CKP	CK POWER	AAA	SAK	SAKSIAM LEASING	A
COM7	COM7	A	SAPPE	SAPPE	BBB
CPALL	CP ALL	AAA	SAWAD	SRIAWAD CORPORATION	BBB
CPAXT	CP AXTRA	AAA	SCB	SCB X	AA
CPF	CHAROEN POKPHAND FOODS	AAA	SCGP	SCG PACKAGING	AAA
CPN	CENTRAL PATTANA	AA	SHR	S HOTELS AND RESORTS	A
CRC	CENTRAL RETAIL CORPORATION	AAA	SMPC	SAHAMITR PRESSURE CONTAINER	AA
EGCO	ELECTRICITY GENERATING	AA	SPALI	SUPALAI	AA
ERW	THE ERAWAN GROUP	A	STECON	STECON GROUP	A
GFPT	GFPT	BBB	SYNEX	SYNNEX (THAILAND)	A
GLOBAL	SIAM GLOBAL HOUSE	AA	TCAP	THANACHART CAPITAL	A
GPSC	GLOBAL POWER SYNERGY	AA	TFG	THAIFOODS GROUP	A
GULF	GULF ENERGY DEVELOPMENT	AA	TISCO	TISCO FINANCIAL GROUP	AAA
HANA	HANA MICROELECTRONICS	AA	TOP	THAI OIL	AAA
HMPRO	HOME PRODUCT CENTER	AA	TTB	TMBTHANACHART BANK	AA
IRPC	IRPC	AA	WHA	WHA CORPORATION	AAA

Source: www.setsustainability.com

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Corporate Governance Report of Thai Listed Companies



Companies with Excellent CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	CPF	CHAROEN POKPHAND FOODS	PLANB	PLAN B MEDIA
ADVANC	ADVANCED INFO SERVICE	CPN	CENTRAL PATTANA	PSH	PRUKSA HOLDING
AEONTS	AEON THANA SINSAP (THAILAND)	CRC	CENTRAL RETAIL CORPORATION	PTT	PTT
AMA	AMA MARINE	DELTA	DELTA ELECTRONICS (THAILAND)	PTTEP	PTT EXPLORATION AND PRODUCTION
AMATA	AMATA CORPORATION	DOHOM	DOHOME	PTTGC	PTT GLOBAL CHEMICAL
AOT	AIRPORTS OF THAILAND	EGCO	ELECTRICITY GENERATING	QH	QUALITY HOUSES
AP	AP (THAILAND)	ERW	THE ERAWAN GROUP	RATCH	RATCH GROUP
BAFS	BANGKOK AVIATION FUEL SERVICES PCL.	GFPT	GFPT	RBF	R&B FOOD SUPPLY
BAM	BANGKOK COMMERCIAL ASSET MANAGEMENT	GLOBAL	SIAM GLOBAL HOUSE	SAK	SAKSIAM LEASING
BANPU	BANPU	GPSC	GLOBAL POWER SYNERGY	SAPPE	SAPPE
BBGI	BBGI	GULF	GULF ENERGY DEVELOPMENT	SCB	SCB X
BBL	BANGKOK BANK	HANA	HANA MICROELECTRONICS	SCGP	SCG PACKAGING
BCH	BANGKOK CHAIN HOSPITAL	HMPRO	HOME PRODUCT CENTER	SHR	S HOTELS AND RESORTS
BCP	BANGCHAK CORPORATION	IRPC	IRPC	SMPC	SAHAMITR PRESSURE CONTAINER
BCPG	BCPG	ITC	I-TAIL CORPORATION	SPALI	SUPALAI
BDMS	BANGKOK DUSIT MEDICAL SERVICES	IVL	INDORAMA VENTURES	SPRC	STAR PETROLEUM REFINING
BEC	BEC WORLD	KBANK	KASIKORN BANK	SUN	SUNSWEEP
BEM	BANGKOK EXPRESSWAY AND METRO	KCE	KCE ELECTRONICS	SVI	SVI
BGRIM	B. GRIMM POWER	KKP	KIATNAKIN PHATRA BANK	SYNEX	SYNEX (THAILAND)
BH	BUMRUNGRAD HOSPITAL	KTB	KRUNG THAI BANK	TCAP	THANACHART CAPITAL
BPP	BANPU POWER	KTC	KRUNGTHAI CARD	TFG	THAIFOODS GROUP
BTS	BTS GROUP HOLDINGS	LH	LAND AND HOUSES	TIDLOR	NGERN TID LOR
CBG	CARABAO GROUP	LPN	L.P.N. DEVELOPMENT	TISCO	TISCO FINANCIAL GROUP
CENDEL	CENTRAL PLAZA HOTEL	MAJOR	MAJOR CINEPLEX GROUP	TKN	TAOKAENOI FOOD & MARKETING
CK	CH. KARNCHANG	MINT	MINOR INTERNATIONAL	TOP	THAI OIL
CKP	CK POWER	MTC	MUANGTHAI CAPITAL	TRUE	TRUE CORPORATION
COM7	COM7	OR	PTT OIL AND RETAIL BUSINESS	TTB	TMBTHANACHART BANK
CPALL	CP ALL	ORI	ORIGIN PROPERTY	WHA	WHA CORPORATION
CPAXT	CP AXTRA	OSP	OSOTSPA		



Companies with Very Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
BSRC	BANGCHAK SRIRACHA	EKH	EKACHAI MEDICAL CARE	JMART	JAYMART GROUP HOLDINGS
BTG	BETAGRO	HUMAN	HUMANICA	TNP	THANAPIRIYA



Companies with Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
JMT	JMT NETWORK SERVICES	SAWAD	SRISAWAD CORPORATION	SPA	SIAM WELLNESS GROUP

Companies classified Not in the three highest score groups

Stock	Company name	Stock	Company name	Stock	Company name
AU	AFTER YOU	PTG	PTG ENERGY	TU	THAI UNION GROUP
CHG	CHULARAT HOSPITAL	SAV	SAMART AVIATION SOLUTIONS		
PLT	PILATUS MARINE	SISB	SISB		

Source: www.thai-iod.com

Disclaimer: The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an assessment of operation and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of such survey result.

Anti-corruption Progress Indicator

Certified

Stock	Company name	Stock	Company name	Stock	Company name
ADVANC	ADVANCED INFO SERVICE	DOHOME	DOHOME	PTG	PTG ENERGY
AMA	AMA MARINE	EGCO	ELECTRICITY GENERATING	PTT	PTT
AMATA	AMATA CORPORATION	ERW	THE ERAWAN GROUP	PTTEP	PTT EXPLORATION AND PRODUCTION
AP	AP (THAILAND)	GFPT	GFPT	PTTGC	PTT GLOBAL CHEMICAL
BAFS	BANGKOK AVIATION FUEL SERVICES PCL.	GLOBAL	SIAM GLOBAL HOUSE	QH	QUALITY HOUSES
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BANPU	BANPU	GULF	GULF ENERGY DEVELOPMENT	RBF	R&B FOOD SUPPLY
BBGI	BBGI	HANA	HANA MICROELECTRONICS	SAK	SAKSAM LEASING
BBL	BANGKOK BANK	HMPRO	HOME PRODUCT CENTER	SAPPE	SAPPE
BCH	BANGKOK CHAIN HOSPITAL	IRPC	IRPC	SCB	SCB X
BCP	BANGCHAK CORPORATION	IVL	INDORAMA VENTURES	SCGP	SCG PACKAGING
BPCG	BPCG	KBANK	KASIKORN BANK	SMPC	SAHAMITR PRESSURE CONTAINER
BEC	BEC WORLD	KCE	KCE ELECTRONICS	SPALI	SUPALAI
BGRIM	B.GRIMM POWER	KKP	KIATNAKIN PHATRA BANK	SPRC	STAR PETROLEUM REFINING
BPP	BANPU POWER	KTB	KRUNG THAI BANK	SVI	SVI
BTG	BETAGRO	KTC	KRUNGTHAI CARD	TCAP	THANACHART CAPITAL
BTS	BTS GROUP HOLDINGS	LH	LAND AND HOUSES	TFG	THAIFOODS GROUP
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CRC	CENTRAL RETAIL CORPORATION	PLANB	PLAN B MEDIA	TU	THAI UNION GROUP
DELTA	DELTA ELECTRONICS (THAILAND)	PSH	PRUKSA HOLDING	WHA	WHA CORPORATION

Declared

Stock	Company name	Stock	Company name	Stock	Company name
CHG	CHULARAT HOSPITAL	ITC	I-TAIL CORPORATION	SAWAD	SRI SAWAD CORPORATION
HUMAN	HUMANICA	JMART	JAYMART GROUP HOLDINGS	SHR	S HOTELS AND RESORTS

Non-participation

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	BSRC	BANGCHAK SRIRACHA	SISB	SISB
AEONTS	AEON THANA SINSAP (THAILAND)	CK	CH. KARNCHANG	SPA	SIAM WELLNESS GROUP
AOT	AIRPORTS OF THAILAND	CKP	CK POWER	STECON	STECON GROUP
AU	AFTER YOU	EKH	EKACHAI MEDICAL CARE	SUN	SUNSWEET
BDMS	BANGKOK DUSIT MEDICAL SERVICES	JMT	JMT NETWORK SERVICES	SYNEX	SYNEX (THAILAND)
BEM	BANGKOK EXPRESSWAY AND METRO	PLT	PILATUS MARINE		
BH	BUMRUNGRAD HOSPITAL	SAV	SAMART AVIATION SOLUTIONS		

Source: www.cgthailand.org

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KGI Locations

China	Shanghai	Room 2703B-2704, Tower A , Shanghai Dawning Centre,500 Hongbaoshi Road Shanghai, PRC 201103
	Shenzhen	Room 24D1, 24/F, A Unit, Zhen Ye Building,2014 Bao'annan Road, Shenzhen, PRC 518008
Taiwan	Taipei	700 Mingshui Road, Taipei, Taiwan Telephone 886.2.2181.8888 • Facsimile 886.2.8501.1691
Hong Kong		41/F Central Plaza, 18 Harbour Road, Wanchai, Hong Kong Telephone 852.2878.6888 Facsimile 852.2878.6800
Thailand	Bangkok	195 One Bangkok Tower 4 18th - 19th floors Witthayu Road Lumpini, Pathumwan, Bangkok 10330, Thailand Telephone 66.2658.8888 Facsimile 66.2658.8014
Singapore		4 Shenton Way #13-01 SGX Centre 2 Singapore 068807 Telephone 65.6202.1188 Facsimile 65.6534.4826

KGI's Ratings

Rating	Definition
Outperform (OP)	The stock's excess return over the next twelve months is ranked in the top 40% of KGI's coverage universe in the related market (e.g. Taiwan)..
Neutral (N)	The stock's excess return over the next twelve months is ranked in the range between the top 40% and the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan)
Under perform (U)	The stock's excess return over the next twelve months is ranked in the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan).
Not Rated (NR)	The stock is not rated by KGI.
Restricted (R)	KGI policy and/or applicable law regulations preclude certain types of communications, including an investment recommendation, during the course of KGI's engagement in an investment banking transaction and in certain other circumstances. Excess return = 12M target price/current price-
Note	When an analyst publishes a new report on a covered stock, we rank the stock's excess return with those of other stocks in KGI's coverage universe in the related market. We will assign a rating based on its ranking. If an analyst does not publish a new report on a covered stock, its rating will not be changed automatically.

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