Tencent Holdings (0700.HK)

2Q22 Earnings Review & NDR takeaways: Profit beat; Pulling ad monetization levers into 2 mame pipeline unlocking; Buy

0700.HK

12m Price Target: HK\$502.00

Price: **HK\$312.60**

Upside: 60.6%

Post Tencent's better-than-expected 2022 earnings on active cost control initiatives (<u>first take</u>) and management commentaries during earnings on narrowing profit declines & returning to positive profit growth in the quarters ahead, we maintain a constructive view on the company's outlook on the back of: advertising business recovery along with increasing Video Accounts contribution from Sep onwards, domestic games potential banhao approval and next year's pipeline potential, as well as more cost savings initiatives in addition to headcount control to bear fruit from 2H22. Maintain Buy with revised TP of HK\$502 per share.

Separately, we hosted Tencent management: Mr. James Mitchell (CSO, Senior Executive Vice President) and Mr. John Lo (CFO, Senior Vice President) at a post-result group NDR meeting on Aug 18.

Key highlights from our NDR and management commentaries provided during the earnings call:

1) Domestic games: Despite industry-wide slowdown (domestic industry -7% yoy in 2Q22), Tencent remains positive on long-term game revenue growth re-acceleration after a 'digestion' period for 2022. Specifically, Tencent is confident to receive domestic Banhao approval within the year, and will launch *Undawn* later this quarter. Tencent is also working on the release of a major domestic title (with Banhao approval remains effective) after *Undawn* for 2023.

2) Video Accounts: Time to pull the monetization levers.

Management believes Video Accounts is achieving critical mass with timespent equivalent of 80% of Moments' level (note

Moments is around 1/3 of Tencent's ad revenue). eCPM:

Management highlighted the strength of the contracts ad sold for the feed-ads since July on Video Accounts, especially appealing to

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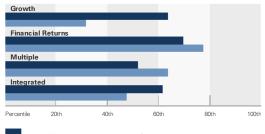
Key Data

Market cap: HK\$3.0tr / \$386.4bn Enterprise value: HK\$3.1tr / \$398.7bn 3m ADTV: HK\$8.4bn / \$1.1bn China China Ecommerce & Logistics M&A Rank: 3 Leases incl. in net debt & EV?: No

GS Forecast _

	12/21	12/22E	12/23E	12/24E
Revenue (Rmb mn) New	560,118.0	570,631.5	658,964.0	748,255.6
Revenue (Rmb mn) Old	560,118.0	574,601.8	668,428.4	759,875.6
EBITDA (Rmb mn)	217,209.0	204,533.4	257,893.9	315,464.8
EPS (Rmb) New	12.78	11.84	16.33	20.06
EPS (Rmb) Old	12.78	11.40	16.34	20.10
P/E (X)	36.3	22.8	16.5	13.5
P/B (X)	5.6	2.9	2.5	2.2
Dividend yield (%)	0.3	0.5	0.7	8.0
CROCI (%)	29.9	27.9	31.0	34.2
	3/22	6/22	9/22E	12/22E
EPS (Rmb)	2.62	2.90	3.21	3.09

GS Factor Profile



0700.HK relative to Asia ex. Japan Coverage
0700.HK relative to China Ecommerce & Logistics

Source: Company data, Goldman Sachs Research estimates. See disclosures for details.

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Tencent Holdings (0700.HK)

Rating since Apr 2, 2012

Ratios & Valuation _

	12/21	12/22E	12/23E	12/24E
P/E (X)	36.3	22.8	16.5	13.5
P/B (X)	5.6	2.9	2.5	2.2
FCF yield (%)	3.3	5.4	7.3	9.0
EV/EBITDAR (X)	26.2	16.7	12.0	9.3
EV/EBITDA (excl. leases) (X)	26.2	16.7	12.0	9.3
CROCI (%)	29.9	27.9	31.0	34.2
ROE (%)	16.4	13.3	16.3	17.4
Net debt/equity (%)	5.4	1.3	(6.5)	(15.0)
Net debt/equity (excl. leases) (%)	5.4	1.3	(6.5)	(15.0)
Interest cover (X)	_	_	_	-
Days inventory outst, sales	_	0.0	0.0	0.0
Receivable days	30.7	32.0	30.1	30.4
Days payable outstanding	184.9	188.3	175.9	174.2
DuPont ROE (%)	14.1	11.7	14.2	15.3
Turnover (X)	0.3	0.4	0.4	0.4
Leverage (X)	1.8	1.6	1.6	1.5
Gross cash invested (ex cash) (Rmb)	602,443.0	657,984.5	738,605.9	820,274.1
Average capital employed (Rmb)	817,432.0	909,797.3	972,327.9	1,023,670.1
BVPS (Rmb)	83.22	94.36	107.51	123.83

Growth & Margins (%)

	12/21	12/22E	12/23E	12/24E
Total revenue growth	16.2	1.9	15.5	13.6
EBITDA growth	8.5	(5.8)	26.1	22.3
EPS growth	0.3	(7.3)	37.8	22.8
DPS growth	3.8	(6.8)	37.1	22.8
EBIT margin	28.5	26.5	28.1	30.3
EBITDA margin	38.8	35.8	39.1	42.2
Net income margin	22.1	20.1	24.2	26.5

Price Performance ___

0700.HK	(HK\$)		Ha	ng Seng China Ent.
1,200				14,000
1,000		Maria		12,000
800	was adminent	N. N.	mm	10,000
600	,MM.	handy someone	Mary	8,000
400	~~~~~~		A COLOR	6,000
200				4,000
		3m		000
Absolute		(14.5)%	(33.5)%	(28.3)%
Rel. to th	e Hang Seng China Ent.	(9.5)%	(15.2)%	(2.1)%

Source: FactSet. Price as of 18 Aug 2022 close.

Income Statement (Rmb mn)				
Total	12/21	12/22E	12/23E	12/24E
Total revenue	560,118.0	570,631.5	658,964.0	748,255.6
Cost of goods sold SG&A	(314, 174.0) (108, 219.0)	(327,351.6) (114,337.3)	(367,790.2) (125,392.0)	(410,546.4) (133,741.1)
R&D	(51,880.0)	(61,751.6)	(65,896.4)	(71,084.3)
Other operating inc./(exp.)	149,467.0	24,737.0	13,846.5	13,959.3
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Depreciation & amortization	(57,670.0)	(53,084.6)	(72,857.8)	(89,072.7)
E000	10003			
Net interest inc./(exp.)	6,650.0	7,543.3	9,204.4	12,475.0
Income/(loss) from associates	(16,444.0)	(17,136.4)	(7,806.6)	(4,472.9)
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Provision for taxes	(20, 252.0)	(18,997.3)	(22,997.5)	(29, 119.3)
Minority interest	(2,988.0)	(1,987.1)	(2,185.8)	(2,404.4)
Preferred dividends	-	_	-	-
Nacainca (and an ancadaion als)	1	12300000	114 2	1000
Post-tax exceptionals	(101,034.0)	26,199.2	39,389.6	40,034.0
Nacinca (asaaacaalionals)	□□222	24 0000	2000 120	32000
EOSO(bosicooooooooooooooooooooooooooooooooooo	nb)	13 🗆 🗆 🗆	12□□2	1000
E0S0(dilu00d000000000000000000000000000000000	Rmb)	12□□□	11□□4	1□□3
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ESS(diluadaaosaacaa)		23 21	□□14	121_3
DPS (Rmb)	1.40	1.30	1.79	2.19
Div. payout ratio (%)	10.8	10.8	10.8	10.7
Balance Sheet (Rmb mn) _				
. ,	12/21	12/22E	12/23E	12/24E
Cash & cash equivalents	167,966.0	202,695.9	288,332.1	409,530.6
Accounts receivable	49,331.0	50,711.8	58,147.0	66,442.9
Inventory	-	1.0	1.0	1.0
Other current assets	267,515.0	165,468.0	176,018.1	186,802.7
Total current assets	484,812.0	418,876.7	522,498.2	662,777.3
Net PP&E	67,837.0	75,117.3	80,777.9	83,876.6
Net intangibles	189,104.0	195,168.1	193,361.7	188,297.1
Total investments	316,574.0	331,247.3	374,728.7	421,543.9
Other long-term assets	554,037.0	593,030.8	611,246.7	630,248.4
Total assets	1,612,364.0	1,613,440.2	1,782,613.3	1,986,743.2
Accounts payable	170,052.0	167,617.8	186,970.0	204,811.1
Short-term debt	19,003.0	19,003.0	19,003.0	19,003.0
Short-term lease liabilities	-	100,000,0	101 017 0	100 450 5
Other current liabilities Total current liabilities	214,043.0	109,868.9	121,947.0	136,459.5
	403,098.0	296,489.7 145,590.0	327,920.0	360,273.6
Long-term debt Long-term lease liabilities	145,590.0	140,090.0	145,590.0	145,590.0
Other long-term liabilities	186,983.0	186,983.0	186,983.0	186,983.0
Total long-term liabilities	332,573.0	332,573.0	332,573.0	332,573.0
Total liabilities	735,671.0	629,062.7	660,493.0	692,846.6
Preferred shares		-	-	-
Total common equity	806,299.0	913,983.6	1,051,726.3	1,223,502.6
Minority interest	70,394.0	70,394.0	70,394.0	70,394.0
Total liabilities & equity	1,612,364.0	1,613,440.2	1,782,613.3	1,986,743.2
Net debt, adjusted	(3,373.0)	(38,102.9)	(123,739.1)	(244,937.6)
	•	,	,	
Cash Flow (Rmb mn)	40/04	40/005	40/005	40/0-
Net income	12/21 224 822 0	12/22E 88 527 7	12/23E 120 326 5	12/24E
D&A add-back	224,822.0 57,670.0	88,527.7 53,084.6	120,326.5 72,857.8	158,132.3 89,072.7
Minority interest add-back	57,570.U -	-	/ Z,UU / .U -	- 00,012.7
Net (inc)/dec working capital	891.0	(6,077.3)	9,913.0	8,806.7
Other operating cash flow	116,625.0	129,259.5	151,735.9	188,020.6
Cash flow from operations	175,186.0	176,266.7	234,506.7	285,900.0
	,		•	-,
Capital expenditures	(29,302.0)	(34,237.9)	(39,537.8)	(44,895.3)
Acquisitions	-	-	-	-
Divestitures	-	-	-	-
Others	(149, 247.0)	(93,982.0)	(96,886.6)	(102,612.0
Cash flow from investing	(178,549.0)	(128,219.9)	(136,424.4)	(147,507.4)
Repayment of lease liabilities	-		_	_
Dividends paid (common & pref)	(12,503.0)	(13,316.9)	(12,446.1)	(17,194.1)
Inc/(dec) in debt	23,103.0	0.0	-	,,
Other financing cash flows	7,931.0	0.0	0.0	0.0
Cash flow from financing	18 531 0	(13 316 9)	(12 446 1)	(17 194 1)

142,028.9 Source: Company data, Goldman Sachs Research estimates.

(12,446.1)

85,636.2

194,968.9

(17,194.1)

121,198.5

(13,316.9)

34,729.9

18,531.0

15,168.0

145,884.0

19 August 2022 2

Cash flow from financing

Total cash flow

Free cash flow

some high-end advertisers that are willing to pay higher eCPM. And hence **contract ad ECPM is now a premium to the 2 short-form video (SFV) incumbents**, and with no disruption to user engagement as per management.

3) For margin & profit recovery path, management expects to reduce the rate of % yoy earnings decline and return to positive earnings growth in coming quarters.

Tencent now moved to structurally rational mindset on headcounts, and exited unsuccessful businesses. On capital allocation, Management reiterated its commitment to work down the portfolio and use the proceeds to return to shareholders until the portfolio value is recognized.

In our view, Tencent remains one of the most uniquely positioned China Internet companies given its unrivaled WeChat eco-system, leadership in games and new growth drivers across Video Accounts and SaaS. Following its revenue/earnings bottoming from weak macro backdrop in 2Q, we believe Tencent is set for revenue/growth recovery from 2H22E, along with more monetization levers from Video Accounts and potential game launches for 4Q22 and 2023. Meanwhile, we expect management to continue return value to shareholders while rationalizing spending in 2022 as highlighted in our China Internet 2H outlook and China's Internet industry will be shifting toward a healthier mode focusing on user value, technology innovation, and social responsibility.

Exhibit 1: Tencent: Key changes to GSe

	New		New		New	
Rmb mn	2022E	chg %	2023E	chg %	2024E	chg %
Total revenues	570,632	-1%	658,964	-1%	748,256	-2%
Net profit, adj.	114,727	4%	159,716	0%	198,166	0%

Source: Company data, Goldman Sachs Global Investment Research

What to do with the stock: Factoring in 2Q22 results and management commentaries provided during the earnings call, we trim our 2022E-24E revenue estimates by 1-2% mainly on 1) 2% higher ad revenue on Tencent unlocking its monetization potential from Video Account and Weixin ad properties being a beneficiary to interoperability/ecosystem open-up; offset by 2) 2% lowered game revenue. In terms of profitability, we expect better gross margin profile across game and FBS. We raise adj. operating margin by 30-150bps and now expect 2022E adj. operating/net profit to drop -5%/-7% yoy in 2022E.

With the revised forecasts, our 12-month SOTP-based target price is fine-tuned to **HK\$502** from HK\$503 previously. We stay **Buy-rated** on Tencent. We see compelling risk-reward with Tencent/Tencent ex-investments currently trading at 20x 12-m forward P/E, >1 std below its historical avg. 12-m forward P/E. Our bear case scenario suggests moderate downside from current share price.

Key risks: More intense industry competition in performance-based advertising, unexpected delay in game launches/Banhao approvals, slower-than-expected growth in FinTech and Cloud businesses, reinvestment risk.

Exhibit 2: Our bear case scenario suggests moderate downside to current share price Bear case scenario

Bear case scenario		
Tencent Scenarios for valuation	2023E - based	Bear case, 2023E-based, only valuing gaming, advertising, cloud, and associates/investments
Gaming	17X implied P/E multiple on 2023E NOPAT; 12X P/E for PC & 22X P/E for mobile	12X P/E multiple on 2023E NOPAT; at history trough level of global gaming peers
Valuation per share (HK\$)	221	160
Advertising	17X P/E multiple on 2023E advertising NOPAT	8X P/E multiple on 2023E NOPAT; in- line with our bear case valuation for BABA's core core business
Valuation per share (HK\$)	79	37
Cloud	5X EV/sales multiple on 2023E cloud revenues, in-line with our valuation on BABA's cloud business	4X EV/sales multiple on 2023E cloud revenues, multiple discount in bear case
Valuation per share (HK\$)	28	22
Fintech	SOTP	No valuation
Valuation per share (HK\$)	88	
Others	Tencent Video; Tencent Music; China Literature; Huya and others	No valuation
Valuation per share (HK\$)	12	
Associates/investments	Covers entertainment, eCommerce, financials, Auto, Internet & Software	50% discount to investment portfolio's target valuation
Valuation per share (HK\$)	129	65
Net cash	End-2022E	No valuation
Valuation per share (HK\$)	0.1	
	Applying holdco discount (10%)	
Valuation per share (HK\$)	502	255

Source: Company data, Goldman Sachs Global Investment Research

Key takeaways from post-results NDR

We hosted Tencent management Mr. James Mitchell (CSO, Senior Executive Vice President) and Mr. John Lo (CFO, Senior Vice President) at a group NDR meeting on Aug 18 where top investor questions were: 1) Online games: timeline of unlocking Tencent's domestic backlog and evolving international game strategies; 2) Advertising:

Monetization ramp-up curve of Video Account across multiple metrics (timespent, ad load, eCPM), benchmarking with Moments and SFV peers; 3) Cloud: Near-term business trend and longer-term monetization upsides and timeline from Tencent Meeting and WeCom; 4) Margin & Profit: earnings recovery timeline and further development of headcount optimization progress and 5) Capital deployment: Pace of portfolio divestment.

Online Games

For online games, investors' focuses are on 1) timeline of unlocking Tencent's domestic backlog (for previously obtained Banhao titles); 2) Tencent's evolving international game strategies.

Domestic games: Despite industry-wide slowdown (domestic industry -7% yoy in 2Q22), Tencent remains positive towards long-term game revenue growth re-acceleration after a 'digestion' period for 2022.
 Tencent will launch *Undawn* later this quarter,
 while Tencent is also working on the release of a major domestic title (with

Banhao approval remains effective) after *Undawn*.

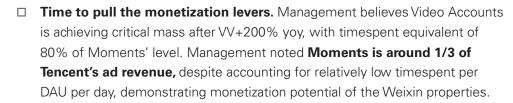
- International games:
 - □ Overseas game release timeline: Tencent noted a majority of the international pipeline is weighted towards 2023-2024, with Warhammer Darktide to come in 4Q22.
 - □ **Ubisoft:** Tencent noted it has a solid relationship with Ubisoft, who has successful IP but emerging presences in GAAS and mobile game. Tencent is working with Ubisoft on multiple mobile adaption projects, similar to its relationship with Nexon and Krafton.
 - Managing international game studios: 1) Consolidated studio and publisher. Tencent maintains frequent communication with Riot, Supercells;
 2) Consolidated studio. Tencent leverages its publishing expertise through Level Infinite to help Stunlock, a Sweden developer which focuses on development but not publishing, publishes the well-recevied title *V Rising*.
 3) Acquisition. Tencent noted Miniclip has a strong track record in acquiring studios in Europe (e.g. SYBO). Riot has also acquired game developer teams without game assets per Tencent.

Advertising

For advertising, investors' focuses are on Monetization ramp-up curve of Video Accounts

across multiple metrics (timespent, ad load, eCPM), benchmarking with Moments and SFV peers;

■ Video Accounts: Regarding the long-term online ad industry growth profile and competition, management noted when SFV kicked-off ad monetization, online ad penetration was already at 70% of China's total ad market, when SFV launched in US, US online ad % of GDP was also amongst the highest globally. Specifically:



- ☐ **Timespent.** Management noted new usage scenarios (e.g. live streaming) contribute to incremental timespent with a separate adoption curve to SFV and may continue to lengthen timespent for the format. Longer-term, management considered Video Accounts to have higher ecpm despite total timespent (potential room for ad inventory) will be lower than the industry incumbents.
- eCPM. Management highlighted strong sales of the contract ad for the feed-ads since July, especially appealing to some high-end advertisers that are willing to pay higher eCPM. And hence contract ad ECPM is now a premium to the 2 SFV incumbents, with no disruption to user engagement.

Cloud

For cloud, investors' focuses are on 1) Near-term revenue and GPM trends; 2) Longer-term monetization timeline and upsides for Tencent Meeting and WeCom.

- **Near-term business trend**. With management near-term focusing on gross profit margin improvement, revenue growth will remain on a moderating trend into 2H, but management expects to see both sequential and yoy margin improvement in 2H22, with **Paas and SAAS representing half of Tencent cloud revenue**.
- Management expects to conduct monetization experiment on Tencent Meeting, but the P&L impact will come after Video Account and mini program monetization.

Margin & Profit

For margin & profit recovery path, investors' focuses are on 1) Implication and further development of the headcount trimming progress; 2) earnings recovery timeline; Management expects to reduce the rate of % yoy earnings decline and return to positive earnings growth in coming quarters.

■ **Headcount,** as Tencent moving to a more structurally reasonable mindset, it expects to:

□ **Implement headcount control.** Given Tencent has increased headcount gradually from 1Q-4Q21, management expects the pace of headcount growth will be consistent with revenue growth by end-2022.

Capital Allocation

Management reiterated its commitment to work down the portfolio and use the proceeds to return to shareholders until the portfolio value is recognized.

Online Games

Domestic to see sequentially easing base starting Sept-22, International above-industry growth continues but post-COVID normalization a drag

We forecast game revenue growth of +0.1% yoy in 3Q22E and -0.2% yoy in 2022E. By market:

- We forecast -0.2%/+0.1% yoy for the domestic market in 3Q22E/2022E, given 1)
 Weakened deferred revenue, a high base (July-Aug) of legacy titles to weigh on growth, but supported by 2) *Undawn* release in Sept-Oct.
 - □ **Domestic**: *LOL: E-sport manager* (英雄联盟电竞经理), the e-sport simulation adaption game that's based off the *LOL IP* has turned out to be Tencent's largest new-release domestic game based on grossing contribution, with 2.0% total market share in July (despite having only been launched on 20 July);
 - □ Contraction in minors' time spent and grossing will continue to hinder domestic game revenue growth till Sept-2022. Honour of Kings (HoK) saw grossing growth at -3% yoy in July, with the season 28 expansion pack, released on June 23, supporting July grossing, despite the challenging comps. Peacekeeper Elites (PKE) saw grossing decline of -45% yoy in July, against a record high comp in July-2021, also partly due to the decline of revenue from change in controls around minors game timespent.
- We forecast +2%/0.8% yoy for the international market in 3Q22E/2022E, backed by:
 - Moderation of the overall international mobile game industry in the midst of transition against tough comps created by the pandemic benefits. *PUBGM* grossing was hindered by post-COVID normalization, with July grossing dropping 39% yoy and the weakness to likely extend towards year-end; partly offset by:
 - □ Continued launches of new titles, backed by Tencent's deep pipeline of 40+ international games to be launched in 2022-24E. 1) V Rising, the PC survival action RPG developed by Tencent investee, Stunlock Studio, sold 2.5mn copies as it went into early access on May 17, grossing over US\$20mn; 2) Into 3Q22, Tencent will release Metal: Hellsinger through Funcom; Tower of Fantasy through Level Infinite and Turbo Golf through Sumo Group, followed by Warhammer 40,000: Darktide in 4Q22.

Exhibit 3: Tencent online game revenue estimates

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(RMB mn)	2020	2021	2022E	2023E	2024E	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22E	4Q2
Gross mobile + desktop gaming	191,155	210,010	209,586	235,367	265,748	53,400	51,800	54,210	50,600	52,400	51,600	54,275	51,31
YoY	35%	10%	0%	12%	13%	15%	10%	7%	8%	-2%	0%	0%	1
International	35,822	45,413	45,762	53,209	62,578	10,192	10,721	11,300	13,200	10,600	10,700	11,526	12,93
% yoy	101%	27%	1%	16%	18%	30%	22%	20%	35%	4%	0%	2%	-2
China	155,333	164,597	163,824	182,158	203,170	43,208	41,079	42,910	37,400	41,800	40,900	42,749	38,37
% yoy	26%	6%	0%	11%	12%	12%	8%	4%	1%	-3%	0%	0%	35
Gross mobile gaming	146,617	164,810	163,363	188,097	217,409	41,500	40,800	42,510	40,000	40,300	40,000	42,458	40,605
% yoy	56%	12%	-1%	15%	16%	19%	13%	9%	9%	-3%	-2%	0%	29
International	28,334	38,110	36,608	43,597	52,678	8,828	9,475	9,572	10,236	8,750	8,985	9,520	9,352
% yoy	121%	35%	-4%	19%	21%	41%	31%	27%	40%	-1%	-5%	-1%	-99
China Only	118,283	126,700	126,755	144,501	164,731	32,672	31,325	32,938	29,764	31,550	31,015	32,938	31,253
% yoy	46%	7%	0%	14%	14%	15%	9%	4%	1%	-3%	-1%	0%	59
PC gaming	44,538	45,200	46,223	47,269	48,339	11,900	11,000	11,700	10,600	12,100	11,600	11,817	10,706
% yoy	-6%	1%	2%	2%	2%	1%	1%	1%	4%	2%	5%	1%	19

Source: Company data, Goldman Sachs Global Investment Research

2022 recap

Online games revenues (PC + mobile) declined 0.4% yoy to Rmb51.6bn (above GSe Rmb49.8bn): a) Mobile game revenue -2% yoy to Rmb40.0bn vs. GSe 38.7bn; b) PC games revenue +5% yoy to Rmb11.6bn, slightly above GSe 11.1bn; c) Current portion of deferred revenue was Rmb89.2bn, -7.3% yoy/-7.9% qoq, vs. -1.7% yoy in 1Q22, while current and non-current deferred revenue combined dropped -8.8% yoy (vs. -3.6% yoy in 1Q22).

Domestic Games

In 2Q22, domestic game revenue (ex. portion allocated to Social Network) declined **-1% yoy** to Rmb31.8bn (vs. -1% yoy in 1Q22), but ahead of industry at -7% yoy (CNG data) with:

- 1. Lack of new blockbuster release: with Return to Empire being the only title that gained meaningful traction among the 5 newly released titles in 2Q22.
- 2. Minor protection measures impacted revenue (minors contribution was c.mid-single-digits of grossing in $4\Omega20$)
- Lower user spending across legacy titles (HoK, LOL PC), partly offset by incremental contribution from newly released titles (LOL Mobile, Fight of The Golden Spatula).

Management highlights:

- **Resumption of Banhao** should support the overall game industry, while Tencent is confident in receiving Banhao in the future.
- **Undawn** (黎明觉醒), one of Tencent's most important domestic pipelines (30mn pre-registration), has confirmed the domestic release in China within the next few weeks, after it was delayed since summer-2021.
- **Timespent** of HoK/PKE from adult players both increased yoy, yet both game saw revenue decline %yoy; implied users' game spending conversion (per timespent) dropped, likely due to weaker macro. Tencent expects to focus on deepening user engagement.
- Management highlighted positive regulatory development including pilot approval

program and fostering internationally renowned brands in games.

On the near-term %yoy recovery path, management believes the weaker macro-economy could continue to undermine growth of its legacy games in 3Q.

Exhibit 4: Timespent of games remained weak, declined by -2% yoy in July, vs. -1% yoy in June. HOK (Honour of Kings)'s timespent continued to decline to -21% yoy in July; Peacekeeper Elite -10% yoy from recent peak +26% yoy in April.

Game	Timespent % yoy	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	July VS. June- %yoy chg
Honour of Kings	王者荣耀	-9%	-17%	-22%	-18%	-28%	-2%	4%	-13%	-22%	-21%	0%
Peacekeeper Elite	和平精英	-18%	-18%	-24%	-12%	-21%	4%	26%	13%	-5%	-10%	-5%
Anipop	开心消消乐	22%	17%	14%	21%	37%	32%	32%	22%	17%	24%	7%
Fight of The Golden Spatula	金铲铲之战	0%	0%	0%	0%	0%	0%	0%	N.M.	N.M.	N.M.	N.M.
Genshin Impact	原神	-19%	10%	12%	105%	68%	86%	135%	76%	91%	94%	3%
League of Legends: Wild Rift	英雄联盟手游	0%	0%	0%	0%	0%	0%	0%	0%	N.M.	N.M.	N.M.
Huanle Doudizhu (Tencent)	欢乐斗地主 (腾讯)	8%	-6%	-14%	-19%	-23%	-32%	-32%	-30%	-34%	-32%	2%
Tencent Huanle Mahjong	腾讯欢乐麻将全集	3%	4%	2%	5%	20%	2%	2%	-6%	-15%	-12%	3%
Tiantian Xiangqi	天天象棋	13%	8%	7%	11%	11%	19%	26%	19%	15%	23%	8%
CrossFire: Legends	穿越火线:枪战王者	-47%	-50%	-55%	-37%	-30%	-4%	3%	-16%	-25%	0%	25%
Total		13%	11%	-1%	-2%	-11%	12%	21%	7%	-1%	-2%	-1%
Game	Timespent % share	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	July VS. June- %share chg
Honour of Kings	王者荣耀	40%	37%	37%	40%	39%	39%	40%	39%	39%	39%	-0.8%
Peacekeeper Elite	和平精英	11%	11%	12%	15%	17%	15%	16%	15%	13%	15%	1.8%
Anipop	开心消消乐	7%	7%	8%	7%	7%	8%	8%	8%	8%	8%	-0.2%
Fight of The Golden Spatula	金铲铲之战	4%	5%	6%	4%	4%	5%	4%	5%	6%	5%	-1.4%
Genshin Impact	原神	3%	3%	3%	4%	4%	4%	4%	4%	4%	5%	0.9%
League of Legends: Wild Rift	英雄联盟手游	12%	14%	9%	6%	4%	4%	4%	4%	4%	4%	0.1%
Huanle Doudizhu (Tencent)	欢乐斗地主 (腾讯)	3%	3%	3%	3%	3%	3%	3%	3%	3%	2%	-0.2%
Tencent Huanle Mahjong	腾讯欢乐麻将全集	1%	2%	2%	2%	2%	2%	2%	2%	2%	2%	-0.2%
Tiantian Xiangqi	天天象棋	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	-0.1%
CrossFire: Legends	穿越火线:枪战王者	2%	1%	2%	2%	2%	2%	2%	2%	2%	2%	0.5%

Source: QuestMobile

Exhibit 5: Tencent: international and domestic grossing performancesTencent international mobile game grossing includes Supercell, Miniclip, Pocket Gems and Marvelous

Tencent腾讯 - International	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
International Grossing % yoy	12%	2%	6%	<mark>-2</mark> 5%	-2 7%	<mark>-4</mark> 0%	-3 6%
International Market share %	4.8%	4.5%	4.7%	4.4%	4.4%	3.8%	3.5%

Tencent腾讯 - domestic		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
Domestic Grossing % yoy - const	ant FX	-8%	-9%	1%	7%	8%	-4%	-8%
Domestic Grossing % mom - cons	tant FX	27%	-9%	6%	8%	-1%	-14%	7 %
Grossing % yoy - by titles								
Honour of Kings	王者荣耀							-3%
PeaceKeeper Elite	和平精英							-45%
League of Legends Mobile	英雄联盟手游			-		-	-	0%
Return to Empire	重返帝国		-	-		-	-	0%
Cross Fire	穿越火线手游							-13%
Teamfight tactics	金铲铲之战	-	-	_		-	-	0%
QQ Speed	QQ飞车		<u>[</u>	_				-17%
Naruto	火影忍者							-26%
Moon Light Blade	天涯明月刀							-68%
LoL: E-sport manager	英雄联盟电竞经理							0%
Domestic Market share %		45.5%	48.2%	44.0%	43.9%	43.5%	42.9%	45.3%
Market share % - by titles								
Honour of Kings	王者荣耀							17.9%
PeaceKeeper Elite	和平精英							9.5%
League of Legends Mobile	英雄联盟手游							1.9%
Return to Empire	重返帝国						_	0.3%
Cross Fire	穿越火线手游							1.5%
Teamfight tactics	金铲铲之战							2.2%
QQ Speed	QQ飞车							1.2%
Naruto	火影忍者							0.9%
Moon Light Blade	天涯明月刀							0.5%
LoL: E-sport manager	英雄联盟电竞经理	and a	100	100	100	Section 1		2.0%

Source: SensorTower, data compiled by Goldman Sachs Global Investment Research

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Exhibit 6: Tencent: domestic game pipeline English Name Mar-22 Genre Feb-22 Apr-22 May-22 Jun-22 Jan-22 Stairway to Stardom 璀璨星途 Approved Tencent Simulation The Story of Yanxi 延禧攻略之 Public testin on 15 Feb Approved Tencent Casual Xuan Zhong Ji Wo Long Yin 2 卧龙吟 2 Approved Seasun SLG Public testing on 25 Mar Joy of Life MMORPG 庆余年 Approved Public testing on 29 Mar 重返帝国 Return to Empire Tencent SLG Approved Archosaur Noah's Heart 诺亚之心 Approved RPG Black Desert 黑色沙漠 Approved Tencent Code: Three 刮.世涿鹿 Public testing on 26 May Final testing or 21 Mar Approved Tencent SLG 3 on 3 Freestyle 全民大灌篮 Approved Tencent Sports Zhi Jian Ling Zhu 指尖领主 Approved Tencent Casual Beta testing on 23 Feb Beta testing on 14 Jan Public testing on on 13 July Arena Breakout 暗区突围 Approved Tencent FPS on 31 Mar League of Legends: e-sport manager 革雄联盟: Public testin on 20 July Alpha testing on 18 Mar Approved Tencent SLG Game pipeline 小猫爱消除 Approved One-Punch Man - 学超人正 Approved Tencent Action Chio Hero 奇奥英雄传 Approved Tencent Strategy 新三生三世 十里桃花 New Eternal Love Approved Tencent Music World 劲乐幻想 Music Approved Tencent Handmade Planet 手工星球 Sandbox Tencent Approved Bu Liang Ren3 不良人3 Approved Tencent Action 地下城与勇 Mobile DnF Approved MMOACT Approved 黎明觉醒 Uncharted Waters: 大航海时代 :海上霸主 Strategy N Tencent New Nobunaga's 新信长之野 N Tencent Strategy Beta tesing on 14 July Wu Xu Ci Yuan 无序次元 N Tencent Action

Source: Company data, Goldman Sachs Global Investment Research

NA

Apex英雄手 游

Apex Legends

International Games

Tencent Shooting

In 2Q22, International games decreased by -1% yoy to Rmb10.7bn (or flat in constant currency, vs. +4% yoy in 1Q22), given international games remains in the post-pandemic digestion period (see our **July game tracker**). Nevertheless, Tencent still performs better than the industry at -7% yoy (SensorTower), partly helped by increase in revenues from games including VALORANT and newly launched V Rising (Above US\$20mn grossing in 2Q22).

Management highlights:

Normalization timeline of global gaming industry: Depends on current weakness including post-COVID re-base or macro weakness issues. The monetization structure of game shifts towards more discretionary purchase (in-app purchase).

> Slower, yet still ongoing overseas game-related M&A, pivoted by Tencent's subsidiaries MiniClip acquiring SYBO, publisher of Subway Surfers (30mn DAU).

Online Advertising

Sequential recovery towards year-end helped by an easier base, Video Accounts potential and benefits from interoperability/ecosystem open-up.

We forecast ad revenue growth of -5% yoy in 3Q22E and -8% yoy in 2022E. By ad properties:

- Social and other advertising revenue to decline -6% yoy (-3% if incl. Sogou) to Rmb17.8bn (from -21% in 2Q22) on weak ad demand and consequently lower eCPMs.
- Media advertising revenues -15% yoy to Rmb3.0bn (improved from -24% yoy in 2Q22) on lower ad revenue from Tencent Video and Tencent News Services.

Near-term trends: While Tencent saw weaker ad revenue % yoy performance in April and May due to COVID lockdown in Shanghai and a tough %yoy base from education ad spend, it saw subsequent improvement in June as post-ecosystem open-up, Tencent obtained ad dollar budget from major e-commerce platforms that previously were not on Tencent's ad properties. Although the period from July till mid-Aug still carries a tough comp with a high base given Summer Olympics, management expects sequential % yoy improvement towards the year-end, backed by:

- Advertisers from verticals such as eCommerce, automobile and F&B have seen healthy ad budgets;
- Timespent on Weixin and Video Accounts have been growing healthily, inline with QuestMobile (Weixin timespent +6% yoy in July-2022).

Exhibit 7: Tencent advertising revenue estimates

(RMB mn)	2020	2021	2022E	2023E	2024E	1Q21	2Q21	3Q21	4Q21E	1Q22	2Q22	3Q22E	4Q22E
Online ad. revenue	82,271	88,666	81,965	96,105	110,935	21,820	22,833	22,495	21,518	17,988	18,638	21,410	23,929
% yoy	20%	8%	-8%	17%	15%	23%	23%	5%	-13%	-18%	-18%	-5%	11%
Media advertising	14,277	13,313	11,048	11,380	11,380	3,339	3,300	3,473	3,200	2,300	2,500	2,952	3,296
% yoy	-8%	-7%	-17%	3%	0%	7%	0%	-4%	-25%	-31%	-24%	-15%	3%
Social, others x-Sogou	67,994	74,687	68,415	82,097	96,875	18,481	19,533	18,955	17,719	15,072	15,502	17,818	20,022
% yoy	29%	10%	-8%	20%	18%	27%	28%	7%	-13%	-18%	-21%	-6%	13%
Sogou		666	2,502	2,628	2,680			67	599	616	636	640	611
% yoy				5%	2%								2%

21,820	22,833	22,495	21,518	17,988	18,638	21,410	23,929
23%	23%	5%	-13%	-18%	-18%	-5%	11%
3,339	3,300	3,473	3,200	2,300	2,500	2,952	3,296
7%	0%	-4%	-25%	-31%	-24%	-15%	3%
18,481	19,533	18,955	17,719	15,072	15,502	17,818	20,022
27%	28%	7%	-13%	-18%	-21%	-6%	13%
		67	599	616	636	640	611
							2%

Source: Company data, Goldman Sachs Global Investment Research

Video Accounts' revenue opportunities:

- Management expects the monetization ramp-up of Video Accounts to be quicker than Moments, which took 5 guarters to reach Rmb1bn in revenue.
- **Timespent** is still growing strongly (total vv +200% yoy in 2Q22);
- eCPM of contract ad sold in past few weeks was lower than Moments; Tencent will

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kick-off the bidding of in-feed ads within Video Accounts in a few weeks, and management is optimistic on pricing amid strong interest from the Video Account concert sponsorship. Comparing to other SFV peers, management believes eCPM should be on par or higher vs. SFV peers.

- **Higher ad load potential** as management noted the ad load of the 2 incumbents at 14-16% (vs. 2-3% effective ad load of Moments);
- **Timespent allocation within Weixin**. Management believes timespent of Video Accounts will not impact timespent of other Weixin properties given differentiated use cases, referencing timespent of Moments has not cannibalized that of the Weixin Chat function.
- Relative to other Weixin ad properties, Video Accounts enjoys clearer benchmark (compared with SFV), limited disruption to consumer engagement (as SFV is a better format to conceal advertisement), and with improved AI recommendation algorithms.
- E-commerce live streaming presents monetization in longer-term, as management believes live concerts help established users' viewing habits on Video Accounts.

 Tencent will focus on subsequent improvement of the ad system and merchant recruitment, supported by its Weixin ecosystem including mini program to complete the transaction, while private domain solutions like WeCom will help merchants to retain customers.

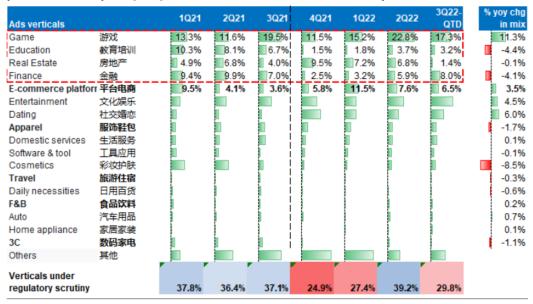
2022 recap

Online advertising revenue came in at Rmb18.6bn, -18% yoy (9% above GSe, on par with -18% yoy in 1Q22), with the better-than-expected results driven by sequential improvement in ad demand since June as **large eCommerce platforms** increased ad spend for 618 promotions, offset by % yoy lower eCPM due to decreased bidding density from clients of Internet services, education and finance verticals.

- **Social and other advertising revenue** declined **-17% yoy** to Rmb16.1bn (from -15% in 1Q22) on weak ad demand and consequently lower eCPMs.
- **Media advertising revenues -25% yoy** to Rmb2.5bn (improved from -30% yoy in 1Q22) on lower ad revenue from Tencent Video and Tencent News Services.
- Market-share gain of conventional ad properties and June quarter improvement: Tencent attributed the strong intra-quarter improvement in June to e-commerce platforms previously under-spent (changes to China's Internet landscape) on Tencent, and it has re-shifted its budget to Tencent properties amid 6.18 e-commerce festival, and proliferation of mini-programs.

Goldman Sachs

Exhibit 8: Our ads volume mix% tracker suggests Tencent has seen healthy ad spending from E-commerce platforms, while expecting a high base from education and real estate will lapse into 30



Source: Goldman Sachs Global Investment Research

Exhibit 9: Weixin, the largest app in China (20% of top 400 app aggregate timespent) grew +6% yoy (+4ppts mom), while yoy % decline in QQ continued for the 27th consecutive month with -33% yoy in July. Weibo dropped -6% yoy. Xiaohongshu's growth remained strong at +98% yoy.

Social	Timespent % yoy	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	%yoy chg
WeChat	微信	3%	3%	3%	3%	5%	12%	12%	5%	2%	6%	4%
Weibo	微博	-4%	3%	10%	-16%	2%	7%	6%	-4%	4%	-6%	-10%
QQ	QQ	-37%	-34%	-35%	-34%	-42%	-28%	-24%	-30%	-34%	-33%	1%
Xiaohongshu	小红书	96%	96%	94%	94%	82%	108%	112%	103%	94%	98%	4%
MOMO	момо陌陌	-8%	-13%	-11%	-11%	-3%	-5%	-2%	-4%	-6%	-6%	1%
Baidu Forum	百度贴吧	5%	11%	13%	16%	12%	12%	11%	16%	22%	37%	15%
Zhihu	知乎	9%	7%	3%	-6%	2%	0%	1%	-1%	2%	11%	9%
Soul	Soul	13%	27%	36%	28%	29%	31%	27%	18%	20%	20%	0%
Tantan	探探	8%	5%	3%	-5%	-12%	-8%	-5%	-17%	-17%	-19%	-1%
Weibo Qingxiang	gba微博轻享版	3%	4%	9%	-3%	7%	7%	7%	-7%	-2%	-11%	-9%
Total Social		-2%	0%	0%	-2%	-1%	8%	9%	2%	0%	2%	2%
												Indu MC Inves
Social	Timespent % share	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	July VS. June- %share chg
Social Weixin	Timespent % share 微信	2021-10 74%	2021-11 75%	2021-12 74%	2022-01 74%	2022-02 73%	2022-03 75%	2022-04 75%	2022-05 75%	2022-06 74%	2022-07 72%	
												%share chg
Weixin	微信	74%	75%	74%	74%	73%	75%	75%	75%	74%	72%	%share chg
Weixin Weibo	微信 微博	74% 9%	75% 9%	74% 9%	74% 9%	73% 10%	75% 9%	75% 9%	75% 9%	74% 10%	72 %	%share chg -1.6%
Weixin Weibo QQ	微信 微博 QQ	74% 9% 9%	75% 9% 8%	74% 9% 8%	74% 9% 8%	73% 10% 8%	75% 9% 7%	75% 9% 7%	75% 9% 7%	74% 10% 7%	72% 11% 7%	%share chg -1.6% 1.0% -0.1% 0.5%
Weixin Weibo QQ Xiaohongshu	微信 微博 QQ 小红书	74% 9% 9% 3%	75% 9% 8% 3%	74% 9% 8% 3%	74% 9% 8% 3%	73% 10% 8% 4%	75% 9% 7% 3%	75% 9% 7% 4%	75% 9% 7% 4%	74% 10% 7% 4%	72% 11% 7% 4%	%share chg -1.6% 1.0% -0.1% 0.5% 0.0%
Weixin Weibo QQ Xiaohongshu MOMO	微信 微博 QQ 小红书 MOMO陌陌	74% 9% 9% 3% 2%	75% 9% 8% 3% 2%	74% 9% 8% 3% 2%	74% 9% 8% 3% 2%	73% 10% 8% 4% 2%	75% 9% 7% 3% 2%	75% 9% 7% 4% 2%	75% 9% 7% 4% 2%	74% 10% 7% 4% 2%	72% 11% 7% 4% 2%	%share chg -1.6% -1.6% -0.1% -0.1% -0.5% -0.0% -0.1%
Weixin Weibo QQ Xiaohongshu MOMO Baidu Forum	微信 微博 QQ 小红书 MOMO陌陌 百度贴吧 知乎 Soul	74% 9% 9% 3% 2% 1%	75% 9% 8% 3% 2% 1%	74% 9% 8% 3% 2% 1%	74% 9% 8% 3% 2% 1%	73% 10% 8% 4% 2% 1%	75% 9% 7% 3% 2%	75% 9% 7% 4% 2% 1%	75% 9% 7% 4% 2% 1%	74% 10% 7% 4% 2% 1%	72% 111% 77% 4% 2%	%share chg -1.6% -1.6% -0.1% -0.1% -0.5% -0.0% -0.1%
Weixin Weibo QQ Xiaohongshu MOMO Baidu Forum Zhihu	微信 微博 QQ 小红书 MOMO陌陌 百度 贴 吧 知乎	74% 9% 9% 3% 2% 1%	75% 9% 8% 3% 2% 1%	74% 9% 8% 3% 2% 1%	74% 9% 8% 3% 2% 1% 0%	73% 10% 8% 4% 2% 1%	75% 9% 7% 3% 2% 1%	75% 9% 7% 4% 2% 1%	75% 9% 7% 4% 2% 1%	74% 10% 7% 4% 2% 1%	72% 11% 7% 4% 2% 1%	%share chg -1.6% -1.6% -0.1% -0.1% -0.1% -0.1% -0.1% -0.0% -0.1% -0.0%

Source: QuestMobile

FinTech and Business Services

Worst is behind for FinTech payment business; cloud's strategic shift to quality growth will dent growth but help margins

We forecast FinTech and Business Services revenue growth of 10% yoy in 3Q22E

and 8% yoy in 2022E. By segment:

■ We forecast 13%/11% yoy for Fintech revenue in 3Q22E/2022E, given sequential improvement in commercial payment volume % yoy recovery, alongside lockdown easing in economically-developed regions.

We forecast -2%/-2% yoy for Business Services in 3Q22E/2022E, with the slower yet improvement in growth being attributable to: 1) Tencent to strategically focus on quality growth by scaling back loss-making contracts (i.e. subcontracts include hardware re-sale), and concentrating resources on higher-margin internally developed PaaS solutions; 2) Project deployment to resume to normal capacity in 3Q22. Longer-term, Tencent expects to sharpen the company's focus on internally developed products while focusing on upselling higher-margin, internally developed PAAS products, while reducing lower margin businesses such as CDN.

Exhibit 10: Tencent FinTech and Business Services revenue estimates

(RMB mn)	2020	2021	2022E	2023E	2024E	1Q21	2Q21	3Q21	4Q21E	1Q22	2Q22	3Q22E	4Q22E
FinTech and Business Services (F	128,086	172,195	186,571	228,736	267,697	39,028	41,892	43,317	47,958	42,768	42,208	47,617	53,978
% yoy	26%	34%	8%	23%	17%	47%	40%	30%	25%	10%	1%	10%	13%
Fintech and payment	104,599	136,641	151,728	183,440	210,851	31,493	33,929	34,519	36,700	35,459	34,723	38,995	42,552
% yoy	24%	31%	11%	21%	15%	44%	38%	25%	21%	13%	2%	13%	16%
Cloud	23,487	35,554	34,843	45,296	56,846	7,535	7,963	8,798	11,258	7,309	7,485	8,622	11,426
% yoy	38%	51%	-2%	30%	26%	65%	52%	56%	40%	-3%	-6%	-2%	1%

Source: Company data, Goldman Sachs Global Investment Research

2022 recap

FinTech and Business Services revenue was up 1% yoy to Rmb42.2bn in 2Q22, 2% below GSe.

- Revenue growth from **Fintech services** moderated as commercial payment volume impacted by COVID-19 resurgence in April and May 2022.
- Revenue from Business Services decreased slightly yoy, as Tencent proactively scaled back loss-making businesses. More importantly, revenue increased qoq due to end customer demand for Tencent's internally-developed products.

Management highlights:

Fintech

- □ **Intra-month trend**: commercial payment volume slowed to low-single-digits % yoy in April 2022, but resumed to high-teen %yoy growth in June 2022.
- ☐ **Financial holding companies**: Management observed stable and progressive development of the Fintech business while Tencent will continue to meet regulators' most stringent requirement.

Cloud

- □ **Near-term objective** is on gross profit growth and narrowing absolute dollar losses. Management expects a sharp profit turnaround by cutting off subcontracting, deployment revenues.
- □ 2022 revenue decline was primarily linked to lower spending from Internet

customers (impacted the most from weakened macro) and enterprise clients (pushed back deployment).

Financials & Valuation

Factoring in 2Q22 results and management commentaries provided during the earnings call, we **trim our 2022E-24E revenue estimates by 1-2%** mainly on **1) 2% higher ad revenue** on Tencent unlocking its monetization potential from Video Accounts and Weixin ad properties being a beneficiary to interoperability/ecosystem open-up; offset by **2) 2% lowered game revenue** as the global mobile game industry (ex. China) is in the midst of transition against tough comps created by the pandemic benefits, though Tencent game remains a share gainer with above-industry growth domestically and internationally.

In terms of profitability, we expect a better gross margin profile across game and FBS. We raise adj. operating margin by 30-150bps and now expect 2022E adj. operating/net profit to drop **-5%/-7%** in 2022E (vs. +7%/+1% in 2021).

With the revised earnings, our 12-month SOTP-based target price is now at **HK\$502** from HK\$503 previously. We stay **Buy-rated** on Tencent. In our view, Tencent remains one of the most uniquely positioned China Internet companies given its unrivaled WeChat eco-system, leadership in games and new growth drivers across Video Accounts, international games and SaaS. Following its revenue/earnings bottoming from weak macro in 2Q, we believe Tencent has strengthened its leading positions across its business lines and is set for a revenue growth recovery from 2H22E. Meanwhile, we expect management to rationalize spending in 2022 as China's Internet industry is shifting toward a healthier mode focusing on user value, technology innovation, and social responsibility.

Exhibit 11: Tencent: summary of changes

Income Statement	New	Old		New	Old		New	Old	
(Rmb mn)	2022E	2022E	% diff	2023E	2023E	% diff	2024E	2024E	% di
Total revenues	570,632	574,602	-1%	658,964	668,428	-1%	748,256	759,876	-2
Value added services	294,410	299,517	-2%	326,054	332,666	-2%	361,172	368,048	-29
Online advertising	81,965	80,590	2%	96,105	94,543	2%	110,935	109,187	20
a. FinTech and Business Services	186,571	186,809	0%	228,736	233, 151	-2%	267,697	274,187	-20
b. Others	7,685	7,685	0%	8,069	8,069	0%	8,453	8,453	0
Cost of revenues	(327,352)	(334,762)	-2%	(367,790)	(377, 228)	-3%	(410,546)	(421,412)	-3
G ross profit	243,280	239,840	1%	291,174	291,201	0%	337,709	338,464	0
Value added services	148,447	148,207	0%	166,577	166,740	0%	185,813	185,433	0
Online advertising	33,512	32,708	2%	45,501	47,008	-3%	53,969	55,454	-3
Fintech & Business services	60,629	58,233	4%	78,370	76,726	2%	97,167	96,817	0
Others	692	692	0%	726	726	0%	761	761	0
Interest income	7,543	7,258	4% 54%	9,204	8,857	4% 17%	12,475	12,004	4º 18º
Other gains, net	24,737	16,022	54%	13,846	11,861	17%	13,959	11,870	
Sales and marketing	(37,091)	(39,073)	-5%	(43,492)	(43,782)	-1%	(46,392)	(47,112)	-2
General and administrative	(104,667)	(104, 317)	0%	(109,577)	(106, 235)	3%	(115,783)	(114,977)	1
Total operating expenses	(109,478)	(120, 110)	-9%	(130,018)	(129, 300)	1%	(135,741)	(138,216)	-2
Operating profit, GAAP	133,802	119,729	12%	161,156	161,901	0%	201,969	200,248	1
Share-based compensation	27,421	25,967	6%	27,676	25,400	9%	28,434	27,356	4
Gain on deemed disposal	(31,660)	(21,958)	44%	(13,846)	(11,861)	17%	(13,959)	(11,870)	18
Amortization of intangibles	5,153	5,552	-7%	5,050	5,441	-7%	4,949	5,332	-7
Impairment provision	13,834	13,003	6%	5,000	5,000	0%	5,000	5,000	0
Operating profit, adj.	151,449	143,647	5%	185,036	185,881	0%	226,392	226,066	0
Finance costs, net	(7,154)	(7,672)	7%	(7,840)	(7,840)	0%	(7,840)	(7,840)	0
Share of profit of associates	(17,136)	(12,988)	-32%	(7,807)	(6,595)	-18%	(4,473)	(2,135)	-110
Pretax profit	109,512	99,070	11%	145,510	147,466	-1%	189,656	190,274	0
Taxation	(18,997)	(16,809)	13%	(22,997)	(23, 109)	0%	(29, 119)	(28,861)	1
Non-controlling interests	(1,987)	(1,868)	6%	(2,186)	(2,055)	6%	(2,404)	(2,260)	6
Net profit	88,528	80,393	10%	120,326	122,302	-2%	158, 132	159,152	-1
Net profit, adj.	114,727	110,594	4%	159,716	160,179	0%	198,166	198,976	0
Diluted EPS, adj. (Rmb)	11.84	11.40	4%	16.33	16.34	0%	20.06	20.10	0
onatou Er o, uaj. (tuno)	11101	11110	4.0	10.00	10101	070	20100	20110	
Marrian	New	Old	diff (pp)	New	Old	diff (mm)	New	New	diff (m
Margins	2022E	2022E		2023E	2023E	diff (pp)	2024E	2024E	diff (p
VAS gross margin	50.4%	49.5%	0.9	51.1%	50.1%	1.0	51.4%	50.4%	1.
Online advertising gross margin	40.9%	40.6%	0.3	47.3%	49.7%	(2.4)	48.6%	50.8%	(2.
Fintech & Business services Others	32.5% 9.0%	31.2% 9.0%	1.3	34.3% 9.0%	32.9% 9.0%	1.4	36.3% 9.0%	35.3% 9.0%	1.
Others Gross margin	9.0% 42.6 %	9.0% 41.7%	0.0 0.9	9.0% 44.2 %	9.0% 43.6 %	0.0 0.6	9.0% 45.1 %	9.0% 44.5 %	(0. 0.
Operating margin, GAAP	23.4%	20.8%		24.5%	24.2%	0.0	27.0%	26.4%	0.
	26.5%	25.0%	2.6 1.5	28.1%	27.8%	0.2	30.3%	29.8%	0.
Operating margin, non-GAAP									
Net margin, GAAP Net margin, non-GAAP	15.5% 20.1 %	14.0% 19.2%	1.5 0.9	18.3% 24.2 %	18.3% 24.0 %	(0.0) 0.3	21.1% 26.5 %	20.9% 26.2%	0. 0.
Total Study II A LOUI			0.0			0.0			0.
Revenue breakdown	New 2022E	Old 2022E	diff (pp)	New 2023E	Old 2023E	diff (pp)	New 2024E	New 2024E	diff (p
Online advertising	81,965	80,590	1.7%	96,105	94,543	1.7%	110,935	109,187	1.6
Media	11,048	10,531	4.9%	11,380	10,847	4.9%	11,380	10,847	4.9
Social and others	70,917	70,059	1.2%	84,725	83,695	1.2%	99,555	98,340	1.2
Online games	209,586	211,867	-1.1%	235,367	238,091	-1.1%	265,748	267,884	-0.8
Desktop gaming	46,223	45,733	1.1%	47,269	46,272	2.2%	48,339	46,818	3.2
O	462 262	166, 134	-1.7%	188,097	191,819	-1.9%	217,409	221,067	-1.7
Gross mobile gaming FinTech & Business Services	163,363 186,571	186,809	-0.1%	228,736	233,151	-1.9%	267,697	274,187	-2.4

Source: Company data, Goldman Sachs Global Investment Research

Exhibit 12: Tencent financial summary

Income Statement	_												
(RMB mn)	2020	2021	2022E	2023E	2024E	1021	2021	3021	4021	1022	2022	3Q22E	4Q22E
Value added services	264,212	291,572	294,410	326,054	361,172	72,443	72,013	75,203	71,913	72,738	71,683	76,114	73,876
Online advertising	82,271	88,666	81.965	96.105	110.935	21.820	22.833	22,495	21,518	17,988	18.638	21,410	23,929
Others ind. FinTech & Business Se	135.581	179,880	194,256	236,805	276,149	41.040	43,413	44.670	50.757	44,745	43,713	49.011	56,787
Total revenues	,						,	,		,	12,112	,	
	482,064	560,118	570,632	658,964	748,256	135,303	138, 259	142,368	144,188	135,471	134,034	146,535	154,592
Cost of revenues	(260,532)	(314,174)	(327,352)	(367,790)	(410,546)	(72,668)	(75,514)	(79,621)	(86,371)	(78,397)	(76,167)	(83,170)	(89,618)
Grossprofit	221,532	245,944	243,280	291,174	337,709	62,635	62,745	62,747	57,817	57,074	57,867	63,365	64,974
Interest income	6,957	6,650	7,543	9,204	12,475	1,614	1,630	1,703	1,703	1,737	1,945	1,889	1,973
Other gains, net	57,131	149,467	24,737	13,846	13,959	19,521	20,763	22,984	86,199	13,133	4,420	3,592	3,592
Sales and marketing	(33,758)	(40,594)	(37,091)	(43,492)	(46,392)	(8, 530)	(10,013)	(10,435)	(11,616)	(8,058)	(7,932)	(9,715)	(11,386)
General and administrative	(67,625)	(89,847)	(104,667)	(109,577)	(115,783)	(18, 967)	(22,638)	(23,862)	(24,380)	(26,669)	(26,233)	(25, 324)	(26,441)
Total operating expenses	(37,295)	25,676	(109,478)	(130,018)	(135,741)	(6, 362)	(10,258)	(9,610)	51,906	(19,857)	(27,800)	(29,557)	(32,263)
Operating profit, GAAP	184,237	271,620	133,802	161,156	201,969	56,273	52,487	53,137	109,723	37,217	30,067	33,807	32,711
Operating profit, Non-GAAP	149,404	159,539	151,449	185,036	226,392	42,758	42,802	40,828	33,151	36,538	36,667	39,875	38,368
Taxation	(19,897)	(20,252)	(18,997)	(22,997)	(29,119)	(7, 246)	(3,666)	(5, 452)	(3,888)	(5, 269)	(4,568)	(4,722)	(4,438)
Net proft, GAAP	159.847	224,822	88,528	120.326	158,132	47.767	42.587	39,510	94,958	23,413	18.619	23,199	23.297
Net profit, Non-GAAP	122,742	123,788	114,727	159,716	198,166	33,118	34,039	31,751	24,880	25,545	28,139	31,046	29,997
Diluted EPS, Non-GAAP (Rmb)	12.74	12.78	11.84	16.33	20.06	3.42	3.50	3.27	2.55	2.62	2.90	3.21	3.09
Margins	2020	2021	2022E	2023E	2024E	1021	2021	3021	4Q21	1022	2022	3022E	4Q22E
Gross margin	46.0%	43.9%	42.6%	44.2%	45.1%	46.3%	45.4%	44.1%	40.1%	42.1%	43.2%	43.2%	42.0%
Operating margin, non-GAAP	31.0%	28.5%	26.5%	28.1%	30.3%	31.6%	31.0%	28.7%	23.0%	27.0%	27.4%	27.2%	24.8%
Net margin, non-GAAP	25.5%	22.1%	20.1%	24.2%	26.5%	24.5%	24.6%	22.3%	17.3%	18.9%	21.0%	21.2%	19.4%
Revenue breakdown	2020	2021	2022E	2023E	2024E	1021	2021	3Q21	4021	1022	2022	3022E	4Q22E
Online advertising	82,271	88,666	81,965	96,105	110,935	21,820	22,833	22,495	21,518	17,988	18,634	21,410	23,929
Media	14,277	13,313	11,048	11,380	11,380	3,339	3,300	3,473	3,200	2,300	2,500	2,952	3,296
Social and others	67,994	75,353	70,917	84,725	99,555	18,481	19,533	19,022	18,318	15,688	16,134	18,458	20,633
Gaming	191,155	210,010	209,586	235,367	265,748	53,400	51,800	54,210	50,600	52,400	51,600	54,275	51,311
Mobile Gaming	146,617	164,810	163,363	188,097	217,409	41,500	40,800	42,510	40,000	40,300	40,000	42,458	40,605
Desktop Gaming	44,538	45,200	46,223	47,269	48,339	11,900	11,000	11,700	10,600	12,100	11,600	11,817	10,706
Fintech	104,599	136,641	151,728	183,440	210,851	31,493	33,929	34,519	36,700	35,459	34,723	38,995	42,552
Cloud	23,487	35,554	34,843	45,296	56,846	7,535	7,963	8,798	11,258	7,309	7,485	8,622	11,426
YoY	2020	2021	2022E	2023E	2024E	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22E	4Q22E
Total revenues	28%	16%	2%	15%	14%	25.2%	20.3%	13.5%	7.9%	0.1%	-3.1%	2.9%	7.2%
Online advertising	20%	8%	-8%	17%	15%	23.2%	23.1%	5.4%	-12.7%	-17.6%	-18.4%	-4.8%	11.2%
Media	-8%	-7%	-17%	3%	0%	7.0%	0.3%	-3.5%	-25.0%	-31.1%	-24.2%	-15.0%	3.0%
Social and others	29%	11%	-6%	19%	18%	26.6%	28.0%	7.2%	-10.2%	-15.1%	-17.4%	-3.0%	12.6%
Gaming Mobile Gaming	35% 56%	10% 12%	-0.2% -1%	12 % 15%	13% 16%	14.7%	10.4% 13.4%	6.7% 8.5%	7.9 % 9.0%	-1.9 % -2.9%	-0.4%	0.1%	1.4%
Mobile Gaming Desktop Gaming	-6%	12% 1%	-1% 2%	15% 2%	76% 2%	19.4% 0.9%	13.4% 0.8%	0.6%	9.0% 3.9%	-2.9% 1.7%	-2.0% 5.5%	-0.1% 1.0%	1.5% 1.0%
Fintech	-6% 24%	31%	11%	21%	2% 15%	43.7%	37.8%	25.0%	20.5%	12.6%	2.3%	13.0%	15.9%
Cloud	38%	51% 51%	-2%	30%	26%	65.0%	52.0%	56.0%	40.0%	-3.0%	-6.0%	-2.0%	15.5%
Gross profit	32%	11%	-1%	20%	16%	18.6%	17.9%	10.8%	-1.8%	-8.9%	-7.8%	1.0%	12.4%
Operating profit, Non-GAAP	30%	7%	-5%	22%	22%	20.2%	13.7%	7.1%	-13.0%	-14.5%	-14.3%	-2.3%	15.7%
Net profit, Non-GAAP	30%	1%	-7%	39%	24%	22.3%	12.9%	-1.7%	-25.1%	-22.9%	-17.3%	-2.2%	20.6%
Diluted EPS, Non-GAAP (Rmb)	31%	0%	-7%	38%	23%	21.2%	11.9%	-1.4%	-25.4%	-23.3%	-17.4%	-1.9%	21.5%

Source: Company data, Goldman Sachs Global Investment Research

Exhibit 13: Our SOTP-based 12-m TP for Tencent is now at HK\$502 per share

SUM of PARTS		%	Valuation	Valuation	To Tensent	To Tencent	Donale ()	HK\$/sh	% Val	COMMENT	TICKER
		owned	US\$mn	Rmb mn	(US\$ m n)	(Rmbmn)	Rmb/sh	HK\$'sh	% Val	COMMENT	HCKER
CORE BUSINESS											
Entertainment		93.4%	307,801	2,031,485	287,545	1,897,797	196	232	48%		
Gaming		94.8%	289,460	1,910,434	274,392	1,810,987	187	221	44%	@ 17x PE, Z3E	
Tencent Video		100%	6,699	44,212	0,099	44,212	4.6	5.4	196	@ DCF (14%WACC, 5%g)	
Tencent Music		50%	6,000	39,600	3,336	22,018	23	2.7	196	GS target valuation	TME US
China Literature Huva		57% 48%	4.687 975	30.804 8.435	2.654 484	17.517 3.063	1.8 0.3	2.1 0.4	096 096	Market cap Market cap	772 HK HUYA US
Advertising (ex vi	deo)	100%	98,081	647,334	98,081	647,334	66.8	79.0	16%	@ 17x PE, 23E	HUTAUS
FinTech (FiT) (x-W	Ve Bank)	100%	109,298	721,364	109 298	721,364	74.5	88.0	1995	SOTP	
Cloud	,	100%	34,315	226,478	34,315	226,478	23.4	27.6	6%	@ 5x rev, 23E	
Others		100%	1,872 551,366	12,352 3,639,013	1,872 531,110	12,352 3,505,325	1.3 361.9	1.5 427.7	0% 85%	@ 0.5x rev, 23E	
				ejeceje ic		9,000,020					
ENTERTAINMENT	(a+b)										
a. Games	EPIC Games	42 0%	47,352	312,525	19,888	131,260	13.6	16.0	396	ox 23€ revenue	
	See Ltd Activis ion Blizzard	16.996 5.096	121,987 61,687	904,995 407.002	20,574 3,077	135,790 20,309	14.0 2.1	16.6 2.5	396 096	GS target valuation Market cap	SE US ATVI US
	NetMarble	17.5%	5,379	35,499	942	6,219	0.6	0.8	096	GS target valuation	251270.KS
	Ubis oft Kingsot	5.0% 7.8%	5,308 4,338	35,023 28,631	288 337	1,753 2,227	0.2	0.2 0.3	096 096	GS target valuation Market cap	UBSFY 3888 HK
	Cheetah	16.6%	96	633	16	105	0.0	0.0	0%	Market cap	CMCM.US
	Century Huatong	10.0%	5,148	33,967	515	3,397	0.4	0.4	096	Market cap	002802 CH
	Archosaur Games iDreamSky	16,9% 18,6%	518 912	3,421 8,021	87 170	577 1,119	0.1	0.1	096 096	Market cap Market cap	9990 HK 1119 HK
	Sessun	9.996	1,440	9,507	143	941	0.1	0.1	096	Last transaction value	11101111
	Ourpaim Co. Ltd. FeiYu	4.0%	1,304 97	8,505 643	52 15	342 98	0.0	0.0	096 096	Market cap	300315 CH 1022 HK
	Krafton	15.296 14.296	7.857	51.857	15 1,116	7.364	0.0	0.0	0%	Mark et cap GS target valuation	259960 KS
	Investments in 2021				3,885	25,644	26	3.1	196		
	Total Gaming	19.4%	263,381	1,738,317	61,083	337,146	34.8	41.1	8%		
b. Non-game		15.4%	20,845	137,577	3,204	21,140	2.2	2.0	196	GS target valuation	SNAP US
Entertainem	n Spatify Kusishau	8.5% 17.0%	28,049 47,260	171,925 311,919	2,227 8,030	14,898 52,995	1.5 5.5	1.8 6.5	096 196	GS target valuation Market cap	SPOTUS 1024 HK
	Bilibili	11.396	12,148	90,161	1,370	9,040	0.9	1.1	096	GS target valuation	BLIUS
	Zhihu Hengten Networks	12.9% 19.7%	1,773 3.314	11,704	229 053	1,509 4,309	0.2	0.2	C96	GS target valuation Market cap	ZH US 130 HK
	Soul	15.7% 49.9%	3,31 4 741	21,873 4,892	370	2,441	0.4	0.5	096	Market cap Last transaction value	130 HK
	Douyu	36.9%	403	2,661	149	982	0.1	0.1	096	Market cap	DOYU US
	CMC Holdings Huayi Brothers	43.0% 7.9%	6,061 1,159	40,000° 7,847	2,606 91	17,200 803	1.8 0.1	2.1 0.1	096 096	Last transaction value Market cap	300027 CH
	Qutoutieo	5.8%	30	199	2	12	0.0	0.0	C96	Market cap	QTTUS
TOTAL (a+b)	Total Other Entertainment	15.5% 18.2%	124,967 388,349	824,785 2,563,102	19,425 70,508	129,206 465,352	13.2 48.0	15.6 56.8	3% 11%		
Ecommerce, O2O	JD.com	17.096 2.496	187,784 142,938	1,239,371 943,393	31,977 3,359	211,047 22,170	21.8 23	25.8 2.7	596 196	GS target valuation GS target valuation	3690.HK JD US
	Pinduoduo	15.5%	128,604	843,789	19,921	131,477	13.6	16.0	396	GS target valuation	PDD US
	KE Holdings Didl Global	10.8% 5.4%	28,081	185,200	3,039	20,057	2.1 0.3	2.4 0.4	C96	GS target valuation Mark et cap	BEKE US DIDI US
	Tongoheng-Elong	21.6%	7,257 5,640	47,895 37,225	1,219	3,001 8,044	0.8	1.0	096	GS target valuation	790 HK
	Vipshop	9.4%	7.831	51.684	738	4.858	0.5	0.6	096	GS target valuation	VPS US
	Medbanks Yonghui	27.7% 5.3%	1,095 5,495	11,190 38,269	409 290	3,090 1,911	0.3	0.4	096 096	Last transaction value Market cap	601933 CH
	Heilan Home	5.5%	3,112	20,538	172	1,134	0.1	0.1	0%	Market cap	600398 CH
	Yidu Tech Better Life Commercial	2.8% 6.0%	4,399 822	29,033 5,428	125 49	825 328	0.1	0.1	096 096	GS target valuation Market cap	2158 HK 002251 CH
	Leju	15.6%	30	197	5	31	0.0	0.0	C96	Market cap	LEJU
TOTAL		11.6%	572,668	3,779,610	66,339	437,838	45.2	53.4	11%		
Auto	Nio	10.5%	51,057	340,939	5,412	35,718	3.7	4.4	196	GS target valuation	NID US
	Tesla Navinfo	0.196 4.696	1,175,225 4.793	7,758,488 31,636	1,175 220	7,758 1,452	0.8 0.1	0.9 0.2	096 096	GS target valuation Market cap	TSLA US 002405 CH
TOTAL	Namic	0.6%	1,231,676	8,129,062	6,807	44,927	4.6	5.5	196	Market Cap	002400 GH
Einaneiale	WeBark	30.0%	17.468	P7 769	2 729	24 691	7.5	2.0	196	GS toroct valuation	
Financials	CICC	4 596	12,465 13,633	82, 269 89, 978	3,739 611	24,681 4,031	2.5 0.4	3.0 0.5	096	GS target valuation GS target valuation	3908 HK
	ZhongAn Online	2 7% 19.8%	4.701	31.029 48.613	125 1.400	828 9.238	0.1 1.0	0.1	096	Market cap	6060 HK
	Futu Holdings Link logis	19.8% 14.7%	7,063 3,674	48,613 24,251	1,400 540	9,238 3,565	1.0 0.4	0.4	096 096	GS target valuation GS target valuation	FUTU US 9959 HK
	Waterdrop	20.4%	718	4,737	148	968	0.1	0.1	096	GS target valuation	WDHUS
	Yixin Group Nubank	55.5% 1.2%	898 50,698	5,926 334,590	496 608	3,288 4,015	0.3 0.4	0.4 0.5	0% 0%	Mark et cap GS target valuation	2858 HK NU US
TOTAL		8.2%	93,847	619,393	7,668	50,610	5.2	6.2	1%	_ o to go vision	110 00
Internet &	Karzhun	8.2%	13,131	86,662	1.081	7,132	0.7	0.9	0%	GS target valuation	BZUS
Software	Koolearn	1.0%	13,131 2,450	10,211	1,081	250	0.7	0.9	096	Market cap	1797 HK
	Weimab	8.5%	1,640	10,825	139	919	0.1	0.1	096	Market cap	2013 HK
	Youzan Kingsot Office	6.0% 4.5%	580 12,587	3,827 83,077	35 588	230 3,738	0.0	0.0 0.5	096 096	Market cap Market cap	8083 HK 698111 CH
	Sunline Tech	6.7%	1,009	8,657	67	444	0.0	0.1	096	Market cap	300348 CH
	Changshan Beiming DHC Software	2.7% 5.0%	1,409 2,873	9,300 18,964	38 145	249 958	0.0	0.0 0.1	0% 0%	Market cap Market cap	000158 CH 002065 CH
	Weaver Network	4.9%	1,428	9,422	70	461	0.0	0.1	096	Market cap	603039 CH
	Boss Software TUYA	8.4% 10.4%	1,309 1,481	8,636 9,775	110 154	723 1.015	0.1	0.1	096 096	Mark et cap Mark et cap	300525 CH TUYA LIS
TOTAL	10.2	6.1%	39,903	263,358	2,443	1,015	1.7	2.0	0%	мжи сир	IJYALS
Othors	Sunna Seniere	2.00/			50	200	0.0	0.0	00/	GC target unlinting	1540 1117
Others	Sunac Services China South City	3.2% 11.8%	1.559 889	10.290 5,870	50 105	332 653	0.0 0.1	0.0 0.1	096 096	GS target valuation Market cap	1516 HK 1668 HK
	Excellence Commercial Property & Facilities Mgmt.	2.796	583	3,849	16	103	0.0	0.0	096	Market cap	6989 HK
	China United Network Communications Investments in 2021	5.2%	19.684	129,912	1.022 3.885	6,742 25,644	0.7 2.6	0.8 3.1	096 196	GS target valuation	600050 CH
TOTAL			59,533	392,920	6,551	43,235	45	5.3	196		
Investment, total				15,747,446	160,316	1,058,085	109	129	26%		
Net CASH			117		117	773	0.1	0.1	0%	2022 net oash	
NAV (pre holdco di			691,543		691,543	4,564,183	471	557			
Less holdco discou	int	-10%	(69,154)		(69, 154)	(455,418)	(47)	(56)	-11%		
NAV			622,389		622,389	4,107,764	424	502			

Source: Company data, Bloomberg, Goldman Sachs Global Investment Research

Disclosure Appendix

Reg AC

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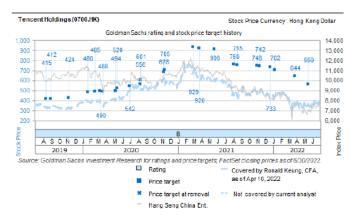
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