

HKBN's Observations of Internet Usage during COVID-19

APRICOT 2021 APNIC 51 Cooperation SIG

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Danny Li

Co-Owner & Chief Technology Officer

HKBN Home Broadband Traffic Trend Jan 2020 to Feb 2021

Non-office hour traffic

Jan20 - Mar20 ↑ 31%

Jan20 - Aug20 ↑ 41%

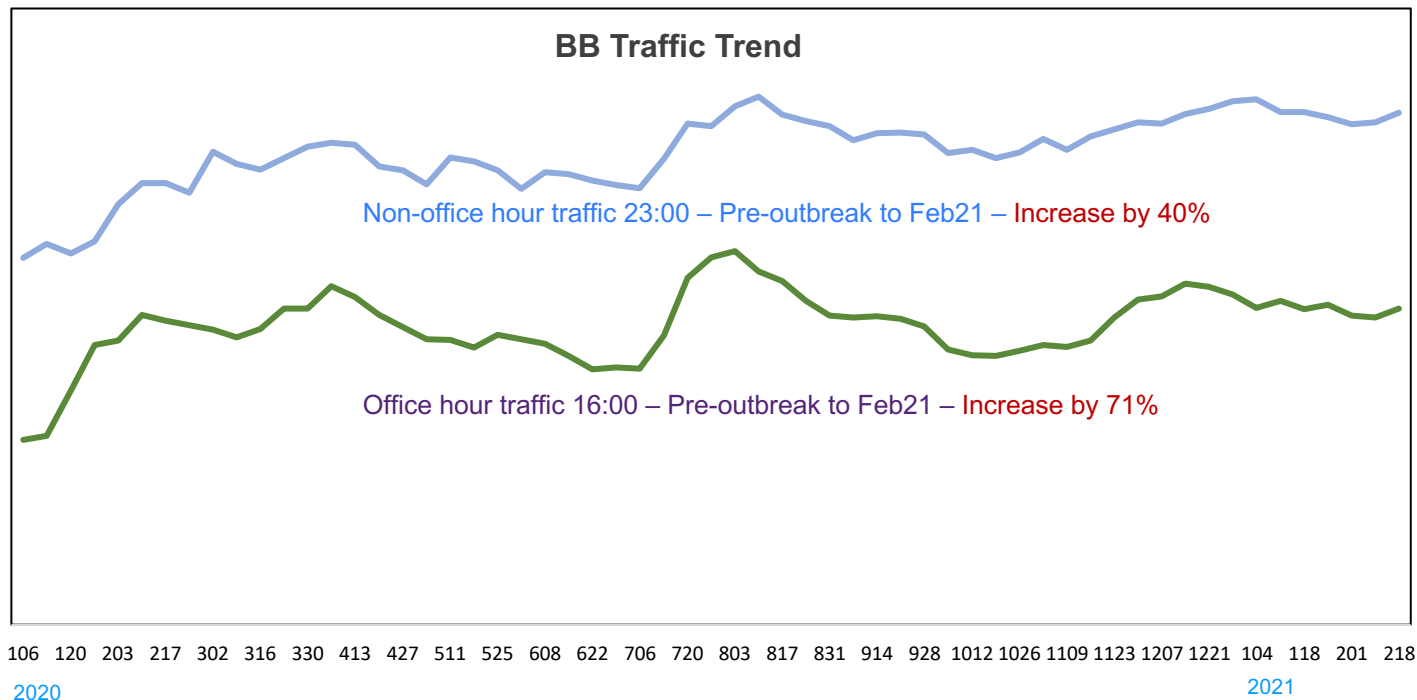
Jan20 - Feb21 ↑ 40%

Office hour traffic

Jan20 - Mar20 ↑ 83%

Jan20 - Aug21 ↑ 102%

Jan20 - Feb21 ↑ 71%



29-Jan
1st Govt WFH

25-Mar
Airport 14-day
quarantine

20-Jul
2nd Govt WFH

2-Dec
3rd Govt WFH

HKBN Home Broadband Usage Changes

during pandemic (Feb 20 – Feb 21)

Traffic average increased (Feb 20 – Feb 21) & Traffic composition changed

- Google/YouTube - ↑ 19%; more time spent on-line
- Facebook – ↑ 12%; more interaction on social media
- Netflix - ↑ 45%; major increase in streaming
- Taobao – ↑ 79%; high growth in e-commerce

Traffic Type	% change from pre-pandemic			Average % change
	1st Gov. WFH (Feb20 - Mar20)	2nd Gov. WFH (Aug20 - Sep20)	3rd Gov. WFH (Nov20 - Feb21)	
Google_Youtube	11%	26%	19%	19%
Facebook	5%	21%	10%	12%
Netflix	35%	49%	51%	45%
Taobao	0%	88%	150%	79%