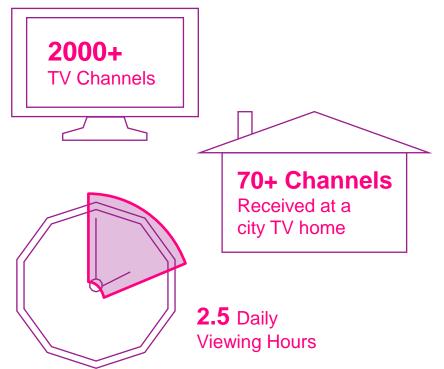
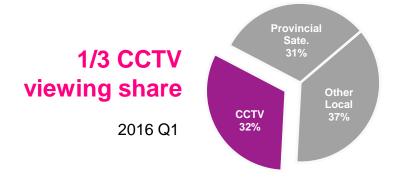
Adding Value

Time Shift Viewing in China



China TV media facts









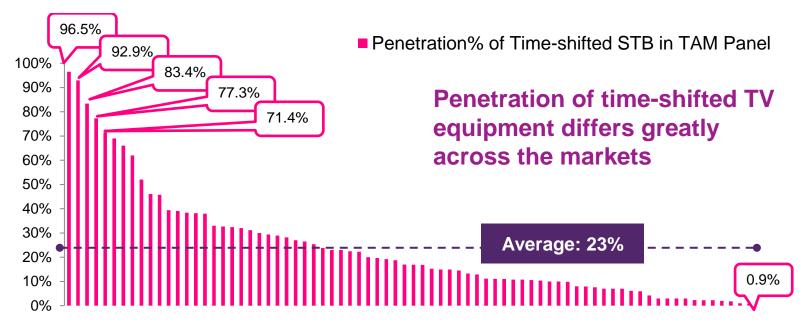


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Source: CSM Media Research, National People Meter Panel / Establishment Survey 2015

Penetration of time-shifted viewing device (STB)

Necessary conditions of time-shifted viewing



80 Cities Measured with PeopleMeter Panels in China



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Source: CSM Media Research, Mar 2016

Time-shifted viewing scale

Viewer Scale (reach%)

All TV Viewers %

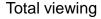
63% Daily

Time-shifted Viewers %

6%

16%

87% Weekly **Viewing Mins**





Time-shifted Viewing

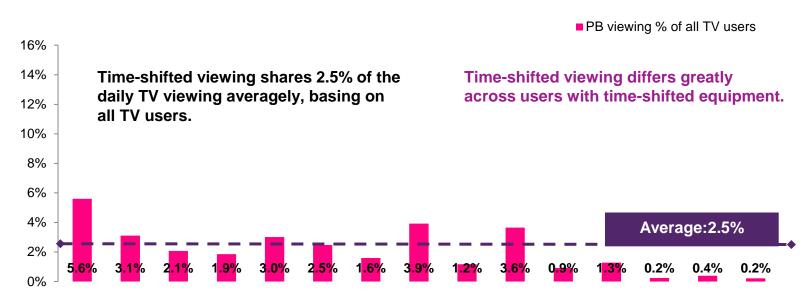




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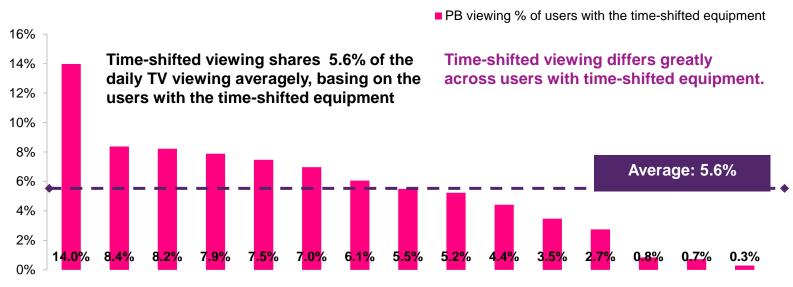
How much? Time-shifted viewing of all TV users



15 Main Cities with time-shifted equipment %>20%, 44% in average.



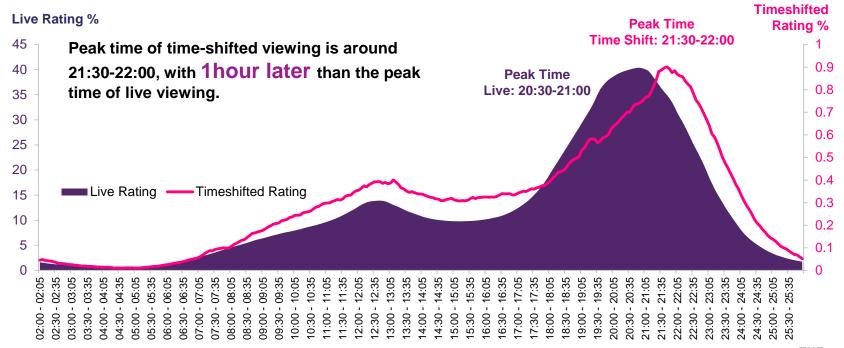
How much? Time-shifted viewing of users with timeshifted equipment



15 Main Cities with time-shifted equipment %>20%



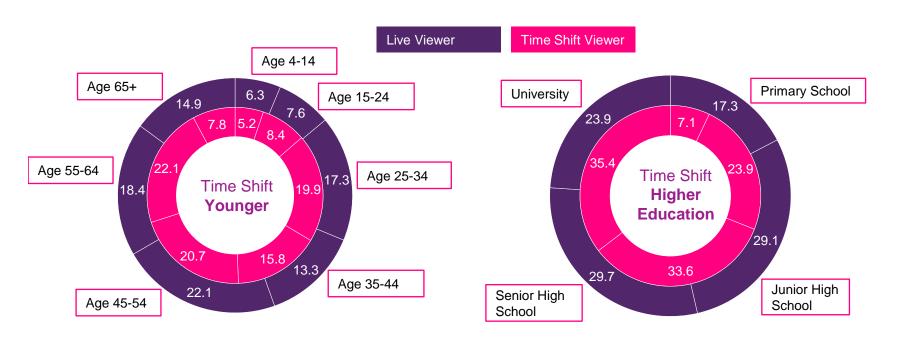
When? Daypart trend of time-shifted viewing





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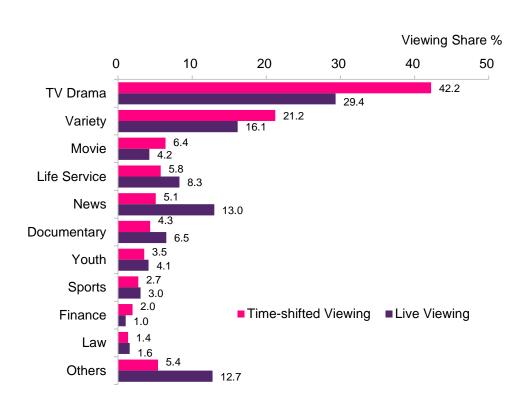
Who? Audience profile of time-shifted viewing





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What? Programme type preference of time-shifted viewing



When viewers watch playback or VOD, they spend 63% of their time watching TV drama series and variety shows. For live viewing this figure is 45%.

Movies have a higher viewing share in time-shift, while News programmes have the opposite.





Time-shift increases program rating: Seasonal entertainment

Top programmes with a high time-shifted rating & high live rating

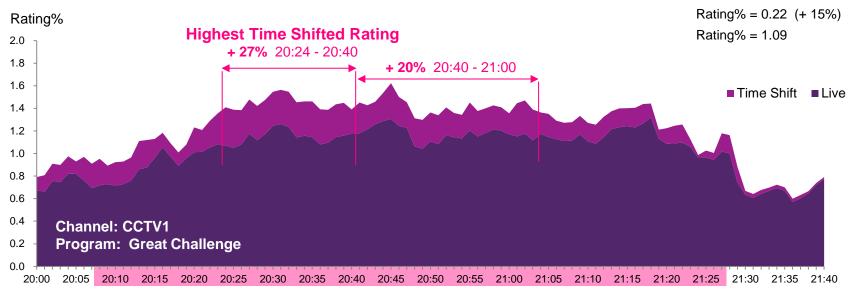
| Program Name | Channel | Time Shifted Viewing Increase +% |
|-----------------------------|----------------|----------------------------------|
| Great Challenge 了不起的挑战 | CCTV1 | 15.0% |
| IAMA SINGER 我是歌手 | Hunan Sate. | 14.7% |
| Sister Over Flowers 花样姐姐 | Dragon TV | 14.0% |
| Top Funny Comedian 欢乐喜剧人 | Dragon TV | 12.0% |
| Yi Lu Shang You Ni 一路上有你 | Zhejiang Sate. | 10.9% |
| Wang Pai Dui Wang Pai 王牌对王牌 | Zhejiang Sate. | 9.6% |
| Super Brain 最强大脑 | Jiangsu Sate. | 8.8% |
| 24 Hours 二十四小时 | Zhejiang Sate. | 5.4% |
| AUV NANA 娜就这么说 | Dragon TV | 5.3% |
| The Greatest Love 旋风孝子 | Hunan Sate. | 5.2% |





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Content based time-shifted viewing shows true fans



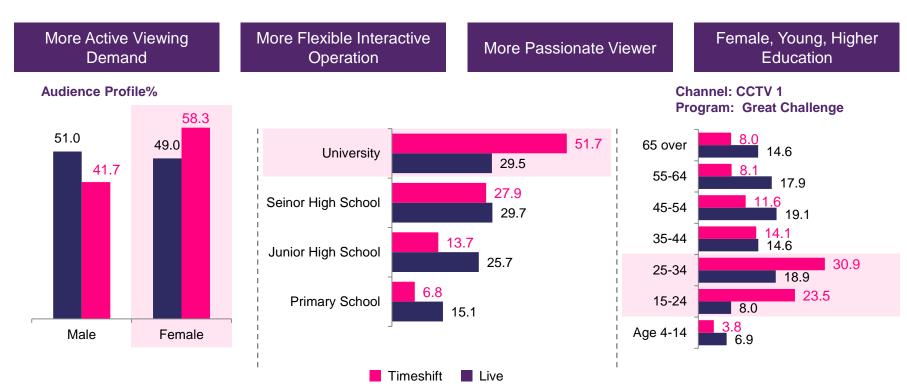
Live Time: 20:06 - 21:29, March 20

When viewers play back the program, they can choose to watch the part of programs real attractive, and fast forward the others. Time-shifted rating help the program producers to get more idea of the effectiveness of program content _ to study what kind of content or what element can drive more attention.

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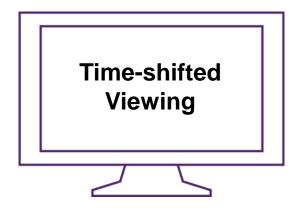
中国中央电视台

Content based time-shifted viewing shows true fans





Key influential factors of time-shifted viewing



Penetration of the interactive STB and timeshift service user

Timeshift service content provided by the operator

Playback and VOD using habit of users



How time-shifted ratings can provide guidance to media and content producers



Innovation



Scheduling



Cross-media broadcasting

Content is the core of time-shifted ratings. It allows audiences to actively choose what to watch and when to watch. Time-shifted ratings provide long-tail viewing trends after initial broadcast. It's the key transition from linear viewing to cross media viewing.

By analyzing time-shifted viewing trends, and audiences' usage of VOD and playback content, it provides beneficial insightful experience for cross media broadcasting.



