

Meaning of numbers in the stats

First Line:

###fps – average frame rate, based on frame-to-frame present time

ft:###ms – average frame-to-frame receive time from server

fj:###ms – average frame-to-frame receive time jitter (negative = early, positive = late)

r:##mb – average streaming rate

bwu:##% - bandwidth utilization as percentage.

Second Line:

- ~frame number

rtd: ###ms – round trip delay from client to server

pl: ### - packet loss (note there may be more than one packet per video frame)

%cpu: ##.# - on mac, the percentage of 1 core the process is using. (> 100% means using more than 1 core). Should be similar to Activity Monitor on Mac.

Third Line:

b: ####ms – ‘begin’ time – the latency between receipt of packet to start of processing

d: ####ms – ‘decode’ time – the latency from begin to decode complete

r: ####ms – ‘render’ time – the latency from decode complete to render complete

p:####ms – ‘present’ time – the latency from render complete to post-swap-buffers

t: ####ms – ‘total’ time – add up all of the above for total latency through the client.

Fourth Line:

wr: ###x### - window resolution

sr: ###x### - streaming resolution (may vary due to network quality)

sq: ### - ‘q score’ – or Quality score represents the overall streaming quality that the user is currently experiencing, where 100 is perfect and values near 0 are unplayable

e: ##### - number of input events processed

Fifth Line:

gpu: ##### - type of GPU used on the server for this session

input: alt|sdl - alt: using direct input events from system, sdl: using input events from SDL library