Conclusion:

Http://bufferbloat.net

Hard work of Jim Gettys
This happens a lot...
In any multihop path . . .

- There is one hop that is the bottleneck where the buffer fills.
- Other buffers are dark – don't cause trouble – they are empty.
- Not a lot of guidance to mfgers from stds on sizing buffers.
Problem shows up . . .

- Home routers (dsl, cable, fiber)
- Home wi-fi devices
- Device drivers
- Switches
- Other places, too
Giaganto buffers . .

- If the bottleneck is saturated, big buffers don't change throughput
- More packet RAM increases delay and jitter
- This ruins the net for time-critical applications