DSLReports: Internet Speeds May 2016

Key Points

❖ Japan is the fastest country (avge 62megabits).

❖ US is a way behind in 2nd (avge 50 megabits). 4g & DSL particularly poor.

❖ UK has sluggish modern internet but 2nd fastest for DSL.

❖ Australia is poor: slow fiber, cable, DSL. Wireless & 4g below-average.

❖ Canada is quietly good at most things.

Summary

| Country	Date	Fiber	Cable	DSL	Wireless	4g	Average
USA	15/05/2016	138.14	65.36	13.67	21.46	12.30	50.19
Canada	15/05/2016	137.76	56.72	16.91	8.75	19.61	47.95
Australia	15/05/2016	70.87	36.68	9.26	13.64	17.59	29.61
UK	15/05/2016	75.96	77.10	23.83	11.84	13.54	40.45
Japan	15/05/2016	166.38	66.11	28.23	26.58	25.67	62.59
Average	15/05/2016	117.82	60.39	18.38	16.45	17.74	46.16

- ❖ US behind Japan in average speeds. US is doing well in Fiber rollouts. Clearly, the US is let down by the state of its 4g & DSL networks.
- ❖ Canada very similar to US across Fiber, Cable, DSL. Much slower on Wireless, but much faster on 4g. Only 3mbps behind the US on average is impressive.
- ❖ Australia performs very badly on average, particularly let down by Fiber (NBN) and Cable speeds. DSL is another black hole, 5th and last by a long way. The top speeds of the much-vaunted NBN are inadequate even now. An average speed of under 30mbps is very low.
- ❖ UK is 4th. Fiber and Cable almost neck and neck, with the fastest overall cable speeds. DSL is also good (2nd), but poor 4g speeds (4th). If you're in the UK and on Cable, or DSL, you're doing very well in terms of relative speed.
- ❖ Japan is fastest in every category except Cable. It is particularly strong in Wireless and 4g. Whatever tech you pick in Japan, you are very well-served.

Fiber Speeds – May 2016

❖ Japan leads the way in Fiber by a long way

❖ The US and Canada trailing neck and neck.

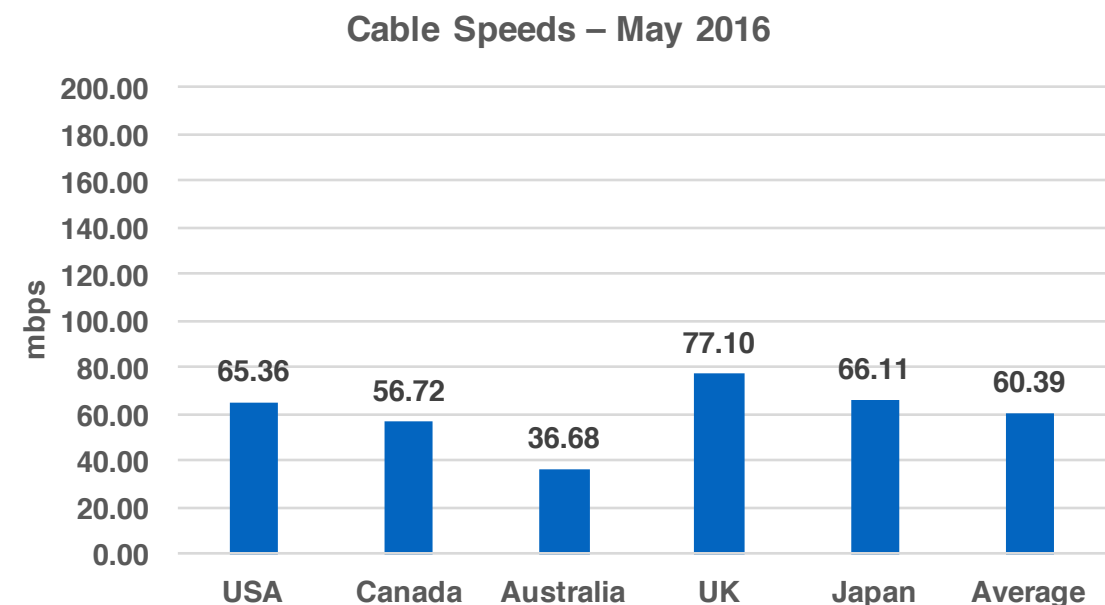❖ Australia and the UK are poorly served by the opportunity fiber brings for true high speed internet.

Fiber Speeds – May 2016

https://www.dslreports.com/speedtest
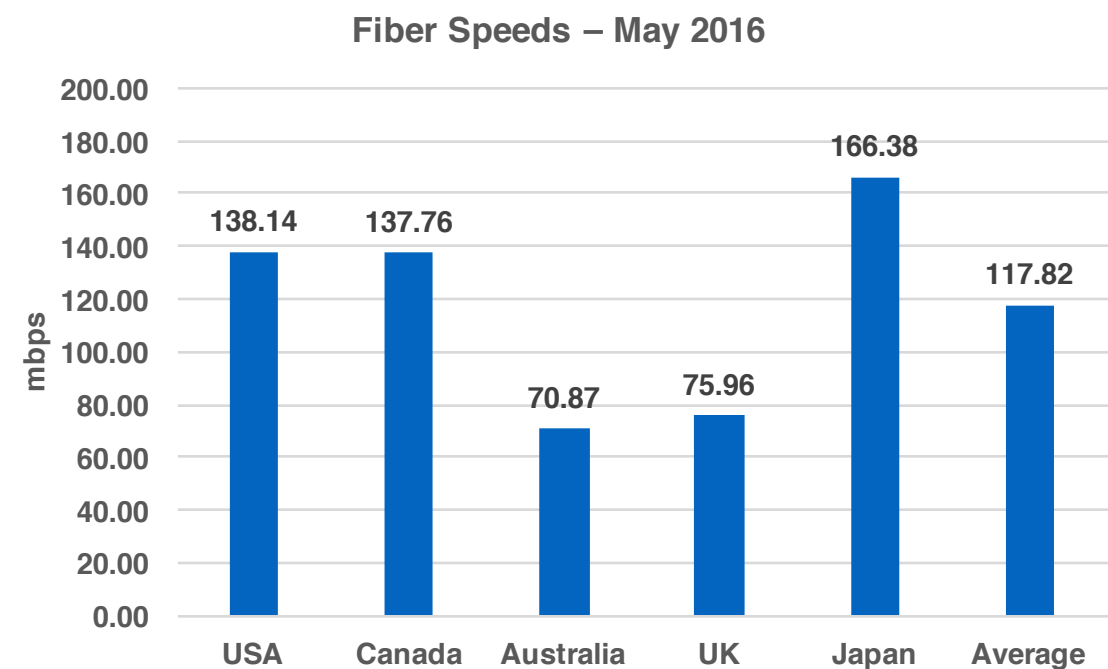
Cable Speeds – May 2016

❖ Surprisingly the US can only manage 3rd fastest in Cable, beaten handsomely by the UK and marginally by Japan.

❖ Canada is "meh"

❖ But Australia? C'mon - that's a poor showing. There is really only one cable provider and it looks they don't have to try very hard.
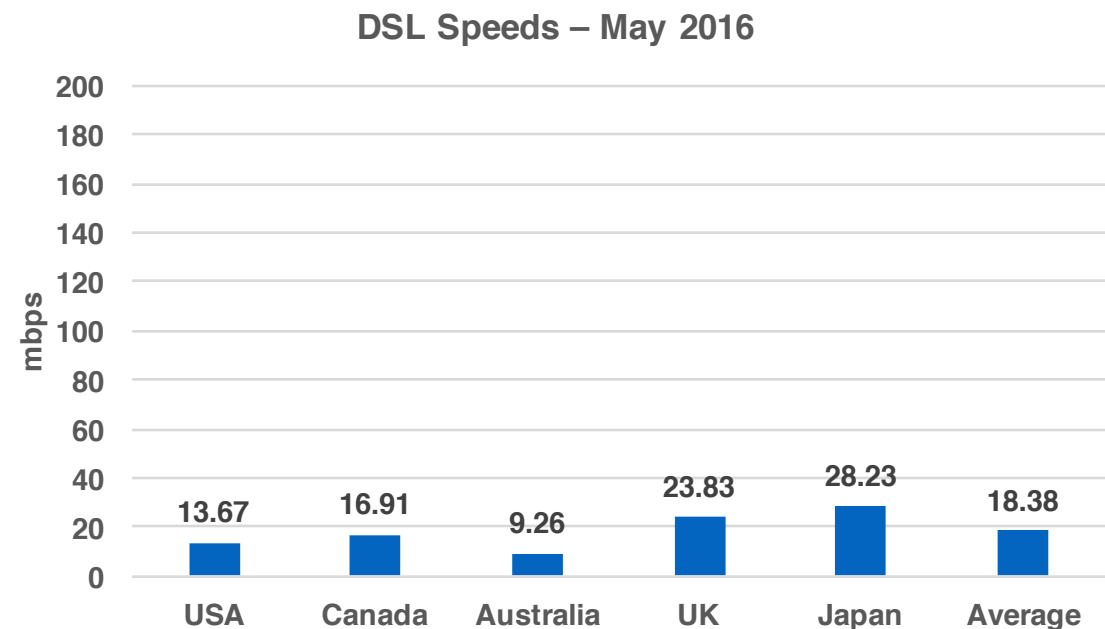
Cable Speeds – May 2016

	mbps
USA	65.36
Canada	56.72
Australia	36.68
UK	77.10
Japan	66.11
Average	60.39

https://www.dslreports.com/speedtest

DSL Speeds – May 2016

❖ Given the choice, Japan or the UK are the places to be for DSL users.

❖ The US and Australia appear to have given up on DSL as a high-speed technology.

❖ Multi-streaming media will be difficult at speeds like these - unless poor-quality streams are acceptable.

DSL Speeds – May 2016

https://www.dslreports.com/speedtest

Wireless Speeds – May 2016

❖ Wireless was one of those great hopes that doesn't seem to have fulfilled its promise.

❖ Still, if it was an option in the US, wireless is preferable over DSL.

❖ Or 4g.

**Wireless Speeds – May 2016**

https://www.dslreports.com/speedtest
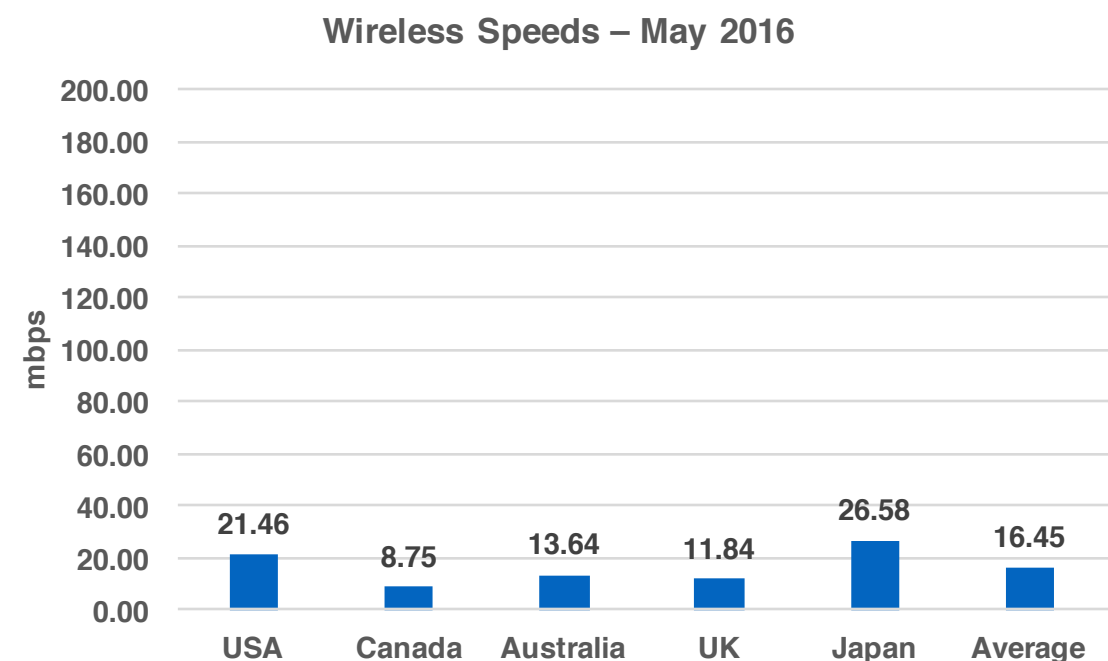
4g Speeds – May 2016

❖ For such a densely populated isle, the UK should have performed a lot better than it did. 4th?

❖ US 4g speeds are atrocious. Last place is not where you want to be.

❖ Users are either being sold 3g, or 3.5g, as 4g, or the network from the majority of providers is poor.

4g Speeds – May 2016

	USA	Canada	Australia	UK	Japan	Average
mbps	12.30	19.61	17.59	13.54	25.67	17.74
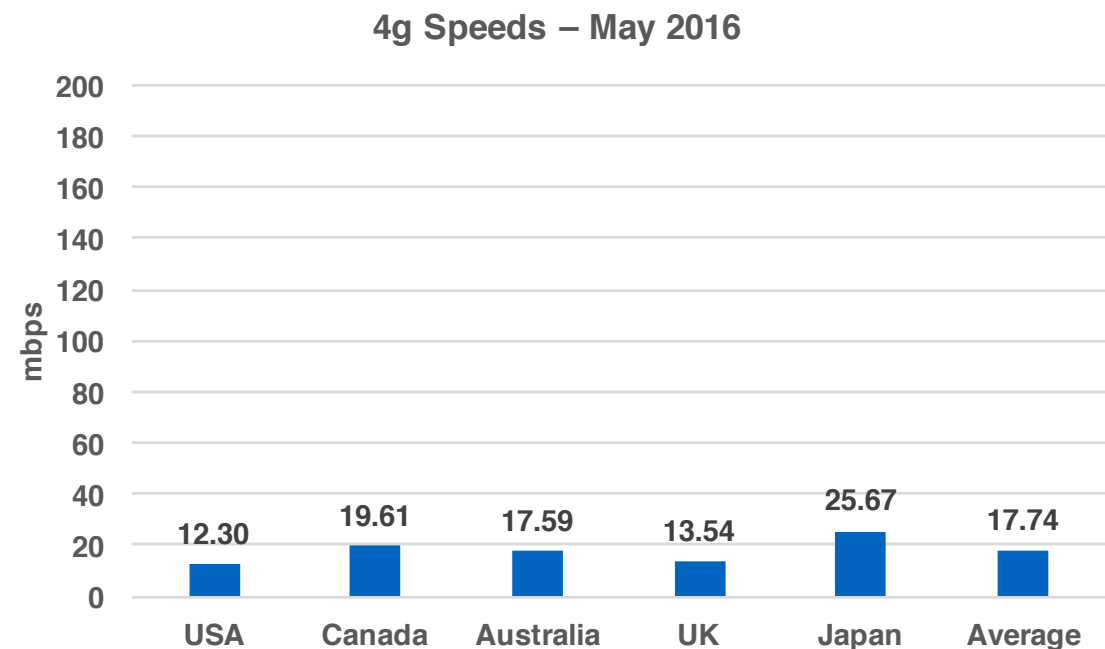
About DSLReports

- ❖ DSLReports is a neutral place to share ISP reviews, news & tech information with tools, FAQs and ISP-specific user forums: https://www.dslreports.com/

- ❖ We have been helping users connect since 1999 and we are the biggest & oldest user-resource of its kind

  - ❖ 30 million forum posts

  - ❖ 30,000 news articles

  - ❖ 11,000 FAQs

  - ❖ 89,000 user-created ISP reviews

- ❖ Speedtest first launched as a Java applet in 2000. There have been over 150 million (and counting) speedtests run: https://www.dslreports.com/speedtest

About Speedtest

- ❖ Clean-sheet development in early 2015 – continuously updated

- ❖ HTML5: No Flash – No Java

- ❖ Runs on ANY modern browser - no plugins / downloads required

- ❖ Runs natively on (almost) ANY combination of connection / device / browser / OS

  - ❖ DSL / fiber / cable / satellite / 4g-LTE / 3g / GPRS

  - ❖ Desktop / tablet / mobile

  - ❖ Chrome / Firefox / IE

  - ❖ Windows / Mac / Linux

- ❖ Tests speeds 0 megabit to 1 gigabit out of the box

- ❖ Tests speeds 1 gigabit+ with some test tweaking

- ❖ Searches for nearest responding servers

- ❖ Uses multiple streams

- ❖ IPv6 & https friendly

- ❖ Speedtest server contributions welcome!: https://www.dslreports.com/faq/17886

Again   Results

Setup ping
London, UK:128ms
NL, EU:137ms
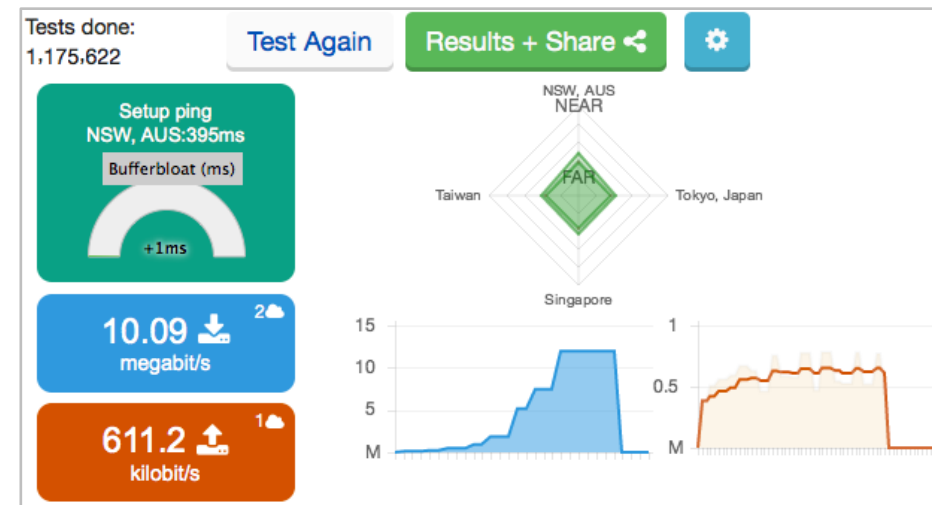
7.70 down   3s
megabit/s

1.86 up   2s
megabit/s

Realtime: +10ms

Simple Interfaces

- ❖ Responsive design

- ❖ Device detection

- ❖ Speedtest settings user configurable

- ❖ User speedtest history
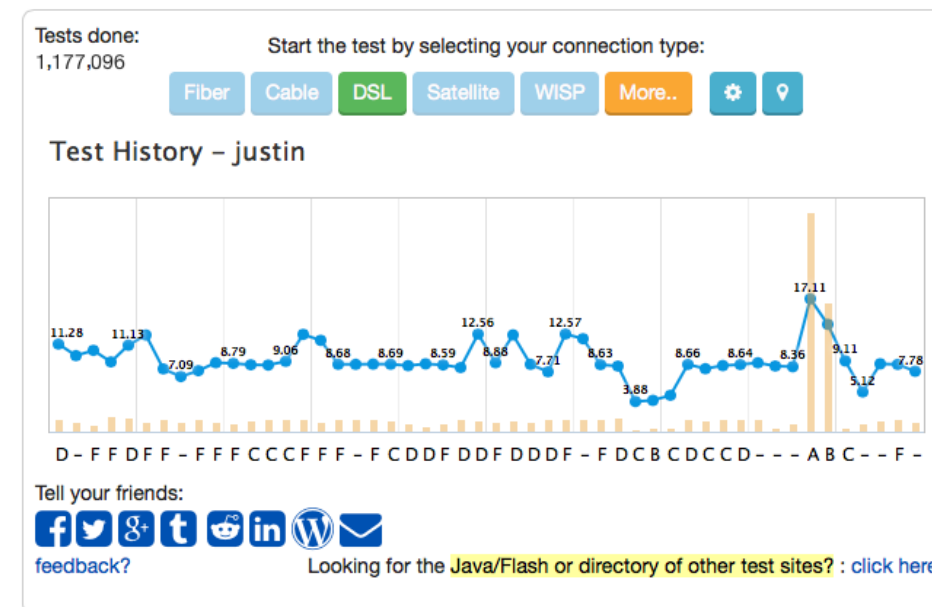
Detailed Results

❖ Full results have detailed information
and results are shareable

❖ Speed profile up / down

❖ Buffer bloat charts & grade

❖ Speed comparisons

❖ Test settings information

❖ Server information

❖ Test run log

About The Data

- ❖ Pulled from last 200,000 internet speedtests, so data is current:

  - ❖ https://www.dslreports.com/speedtest/results/country

- ❖ User technology is "detected", users can change technology & settings

- ❖ Users as likely to test high-speeds as low / problem speeds, techies & newbies alike

- ❖ Users test to DSLReports server network, not co-located ISP speedtests.

Thank you

https://www.dslreports.com/contacts