

**FACT SHEET 2: Verizon PA Broadband Coverage Estimates****Verizon Pennsylvania's Coverage of Broadband Based on Housing Units and Businesses, 2015**

<b>A)</b>	<b>Pennsylvania Facts, Census</b>	
	Housing Units	5,565,157
	Business	981,501
	<b>Total</b>	<b>6,546,658</b>
<b>B)</b>	<b>FCC: Verizon % of PA Is 82%</b>	
<b>C)</b>	Housing Units	4,563,429
	Business	804,831
	<b>Total Locations Without Overlap</b>	<b>5,368,260</b>
	<b>Coverage. Source: Verizon</b>	
<b>D)</b>	DSL to Homes	1,000,000
<b>E)</b>	FiOS Homes and Business	2,000,000
<b>F)</b>	Total Without Overlap	3,000,000
<b>G)</b>	FiOS & DSL & Housing Units	66%
<b>H)</b>	FiOS & DSL for Housing and Business	56%
<b>I)</b>	<b>FiOS Compared to Housing Units</b>	<b>44%</b>
<b>J)</b>	<b>FiOS Compared "Locations"</b>	<b>37.3%</b>
	<b>Caveats</b>	
<b>K)</b>	20-50% Overlap of DSL and FiOS	
<b>L)</b>	5%-20% Our Of Range For DSL	
<b>M)</b>	Holes in Deployment, 10%-30%	

**NOTE:** There is a series of caveats about the language used by Verizon. "Housing units", "households", "homes", "businesses", "firms", "establishments", "locations", and "premises" all have different technical meanings.

- A) [Census data](#) shows that there were 5.6 million housing units and 981,000 businesses in Pennsylvania as of 2013, for a total of 6.5 million 'locations'.
- B) The FCC data shows that Verizon PA had 82% of the State covered in 2007, and this would include Verizon PA and Verizon North. (2007 is the latest available data.)
- C) This would mean that Verizon covers approximately 4.6 million housing units and 800,000 businesses, for a total of 5.4 million 'locations'.
- D) [Verizon states that DSL](#) is available to 1 million 'homes'.
- E) [Verizon's press release](#) for the end of 2014 states Verizon had covered, with FiOS, 2.0 million 'households and businesses' that could get the service.
- F) Adding these two numbers gives us 3.0 million available 'broadband' 'locations', (though it includes businesses for FiOS and not for DSL.)

- G) Just comparing this 3.0 million with the Census (adjusted) for housing units comes to 66% coverage.
- H) Using the same 3 million— If you take the Verizon numbers for FiOS and DSL and compare them to ‘locations’, there is only 56% coverage in the State.
- I) If you do FiOS and Housing units, we get 44%.
- J) Bottom Line: FiOS and “Locations” - 37.3%**

Caveats lower these numbers even further.

- K) There could be 20%-50% overlap between DSL and the FiOS deployment.
- L) 5%-20% of rural area customers could be ‘out of range’ to get the service.
- M) Accounting holes: 10%-30%. Throughout the US, from the union installers of FiOS to the customers who can’t get service, reports abound about customers who can’t get FiOS in areas that are supposed to be completed.