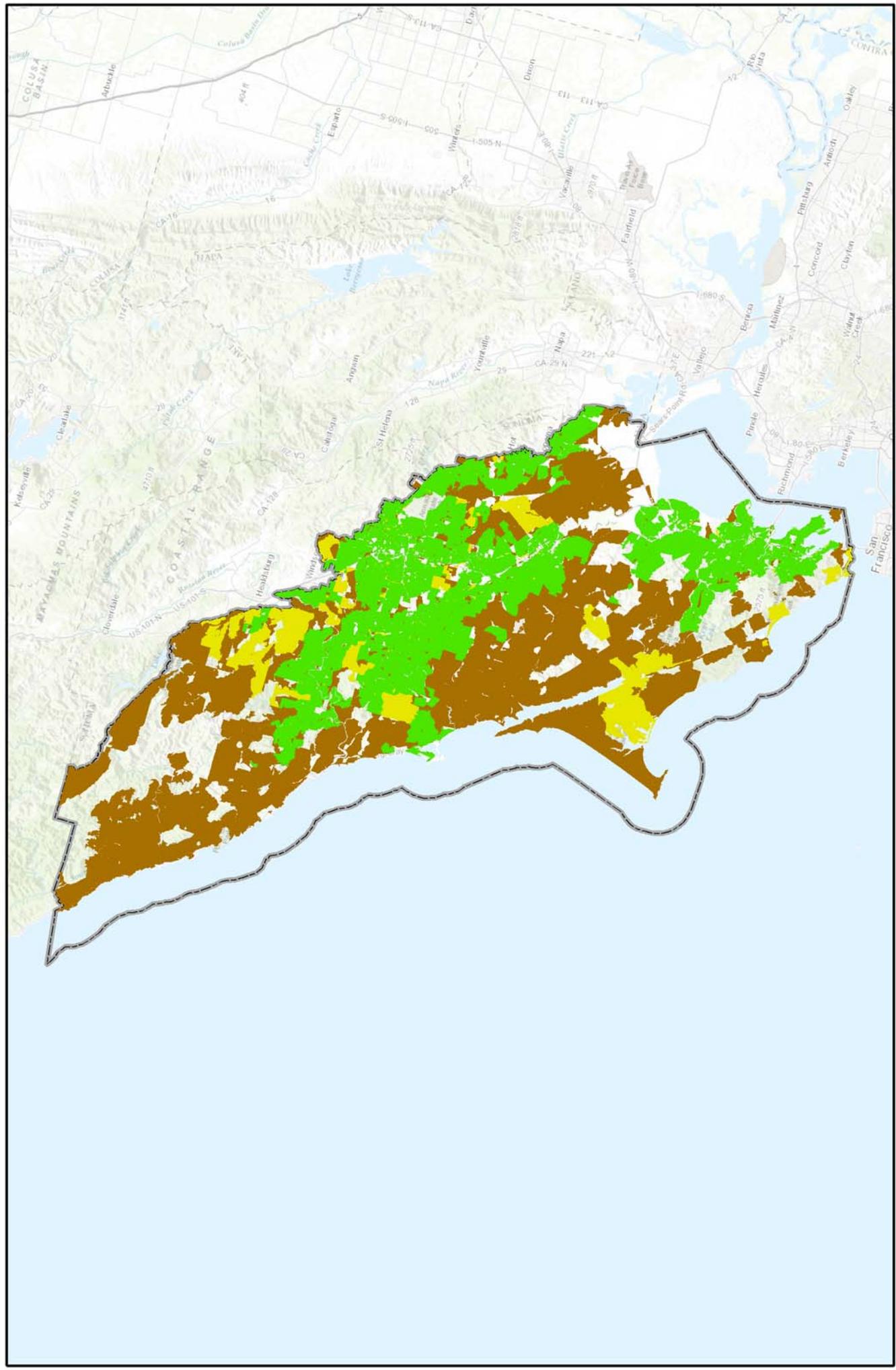


Appendix A: Maps of Broadband Speed Coverage by Congressional District

In the images that follow, I provide the maps showing the broadband speed coverage by Congressional Districts for members of this Subcommittee.

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

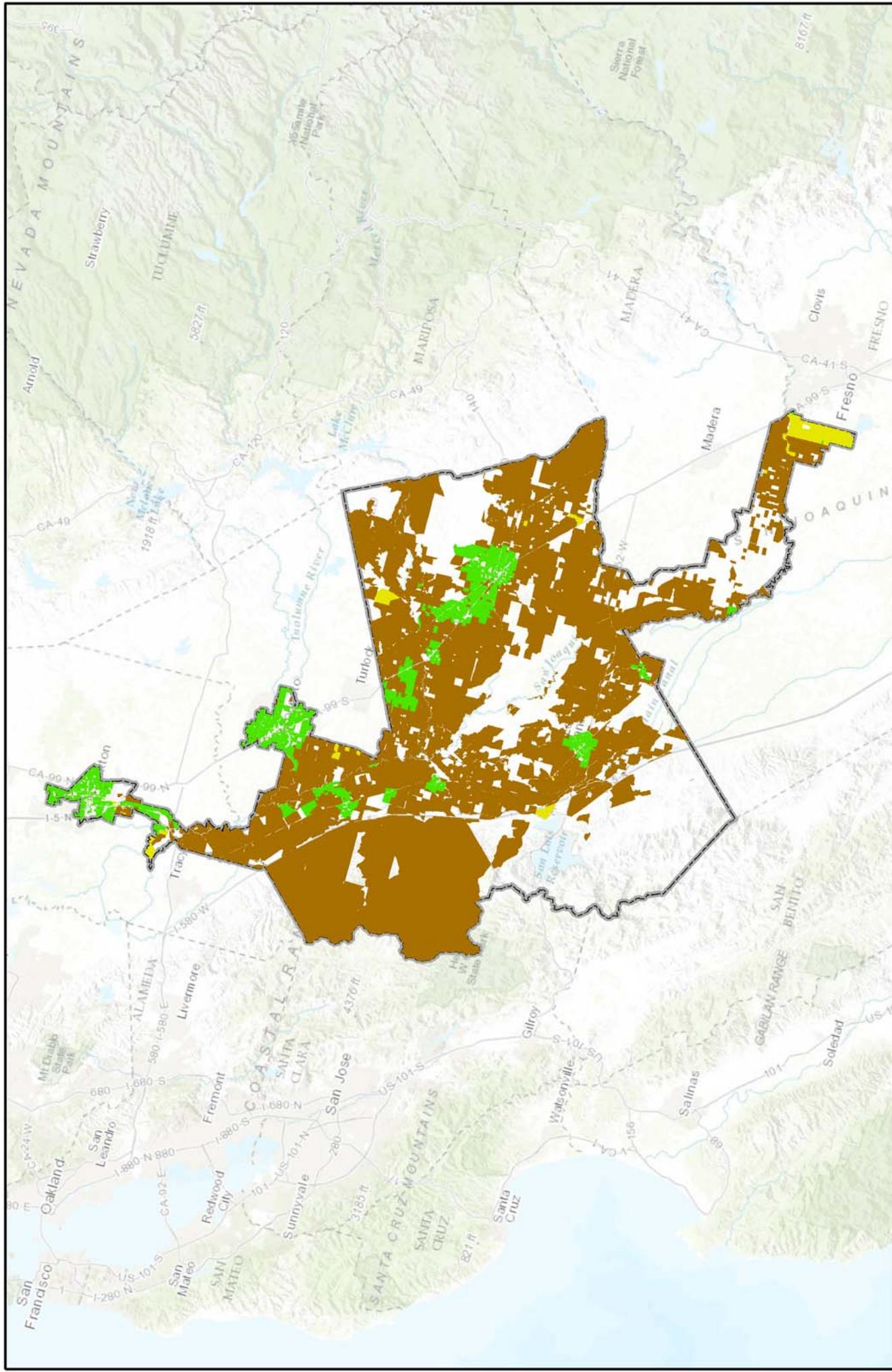
<25 Mbps  >=25 Mbps and <100 Mbps  >=100 Mbps 

CA Congressional District 6

 Miles 25

Data Source: Tiger 2010 Edges
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNRS, IGN, Kawasaki, Swire, Orange, Swire, Esri, Japan, METI, Esri, China (Beijing), Esri, Swire, Magyirhindi, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

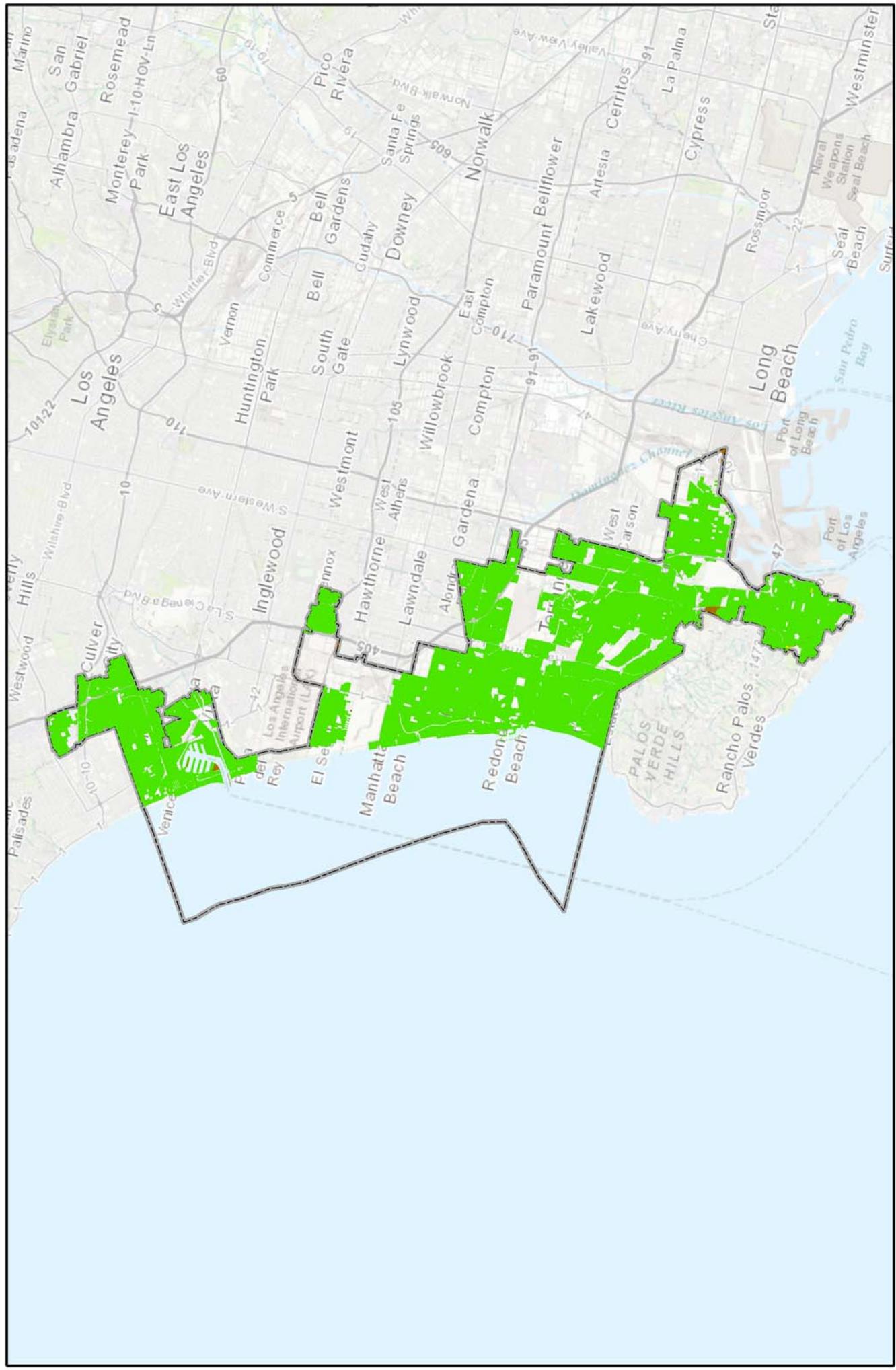
<25 Mbps >=25 Mbps and <100 Mbps >=100 Mbps

CA Congressional District 18

0 10 20 30 Miles

Data Source: Tiger 2010 Edges
FCC Form 477 Broadband Deployment June 30, 2016 V1
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNRS, IGN, KVH, Swisstopo, Mapbox, Esri, Japan, METI, Esri China (Hong Kong), Swisstopo, Magyirhdsia, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

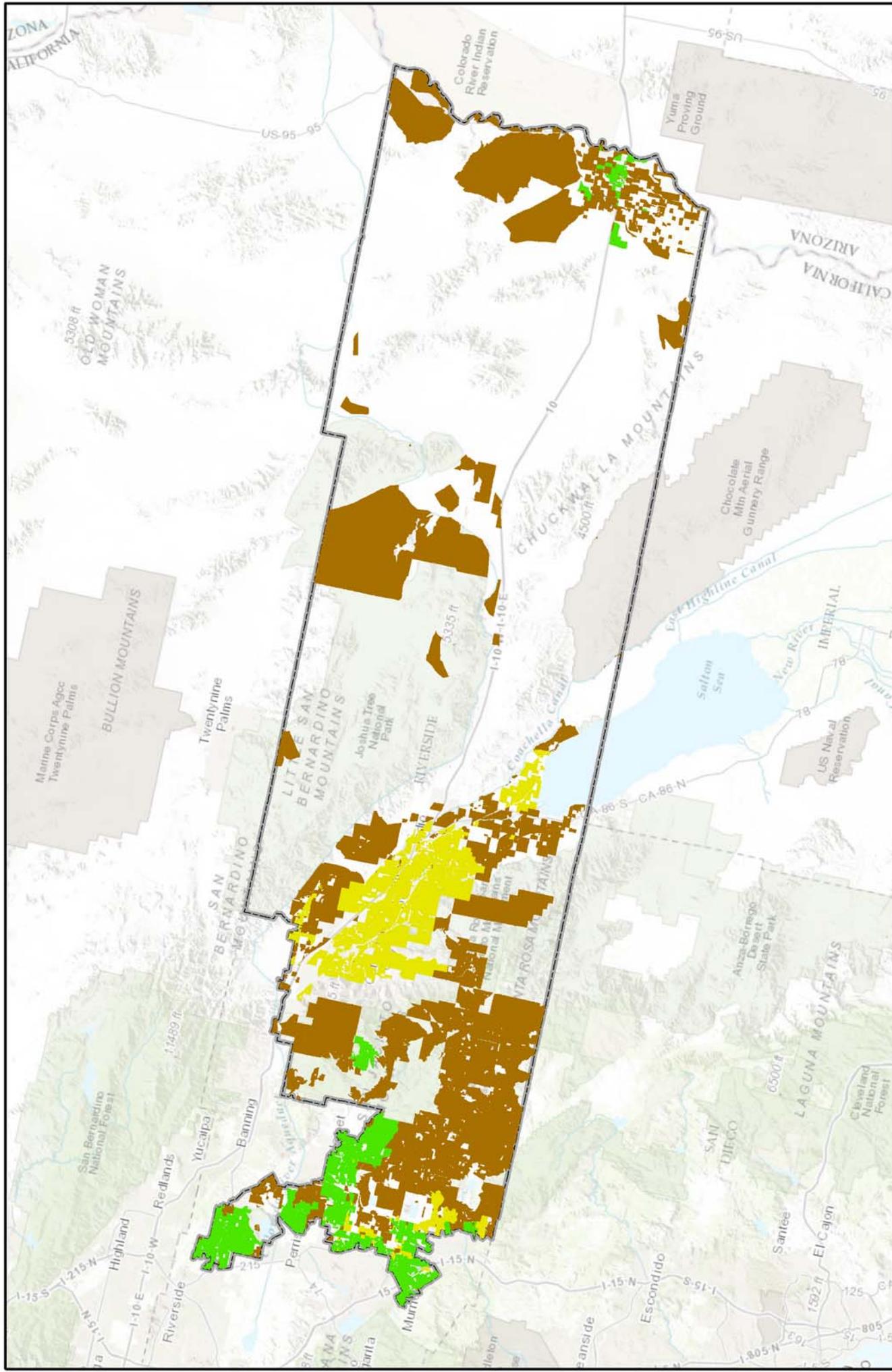
<25 Mbps >=25 Mbps and <100 Mbps >=100 Mbps

CA Congressional District 36

Miles 7.5

Data Source: Tiger 2010 Edges
 FCC Form 477 Broadband Deployment June 30, 2016 V1
 Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNIG, Swisstopo, IGN, Mapbox, BGCN, Esri, Swisstopo, Esri, Japan, METI, Esri, China (Beijing), Esri, Swisstopo, Magyinhidra, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

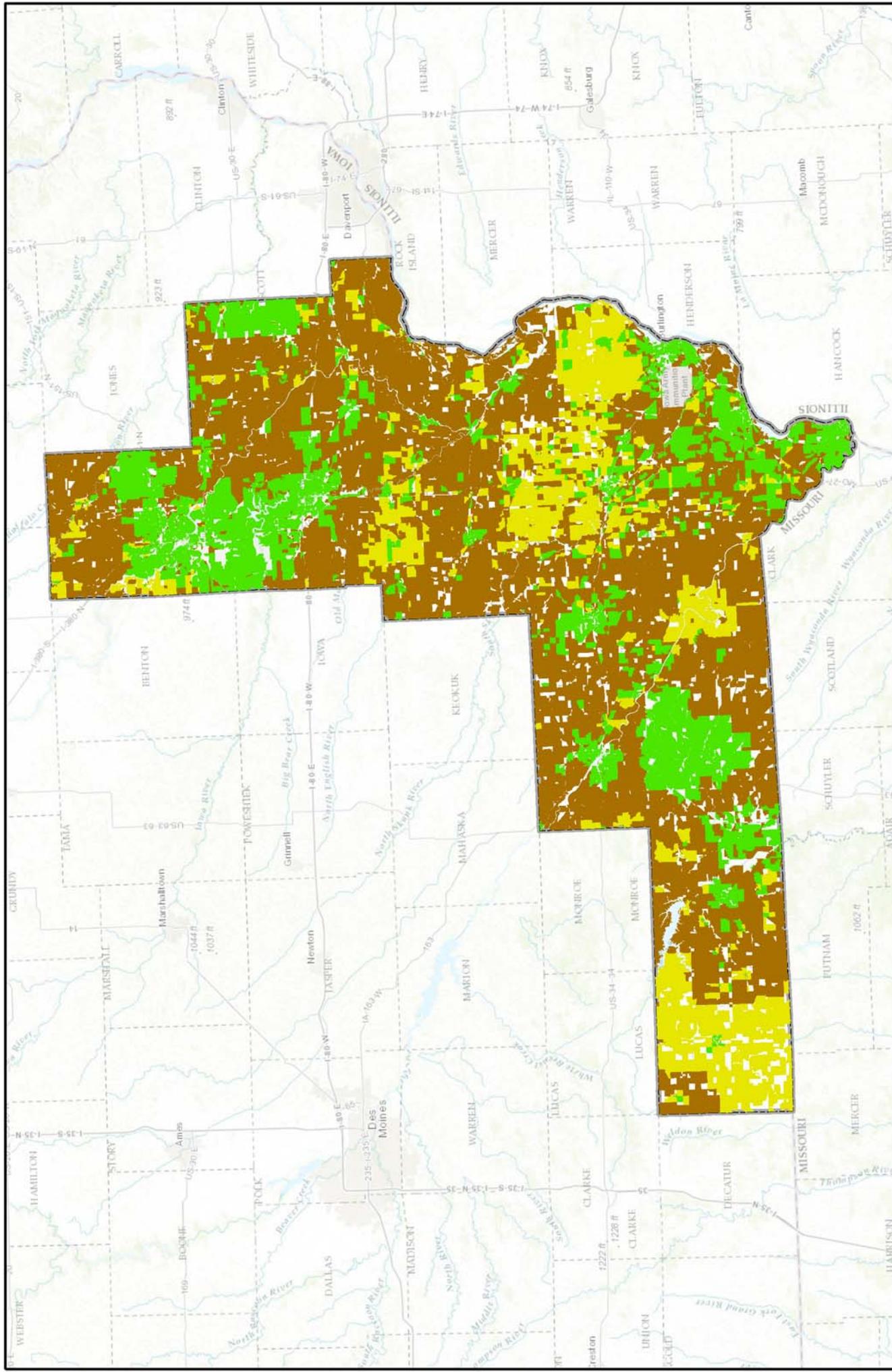
>=100 Mbps



CA Congressional District 45

Data Source: Tiger 2010 Edges
 FCC Form 477 Broadband Deployment June 30, 2016 V1
 Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNIG, Swisstopo, IGN, Esri, Swisstopo, Esri, Japan, METI, Esri, China (Beijing), Esri, Swisstopo, Magyihidra, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

Miles

40

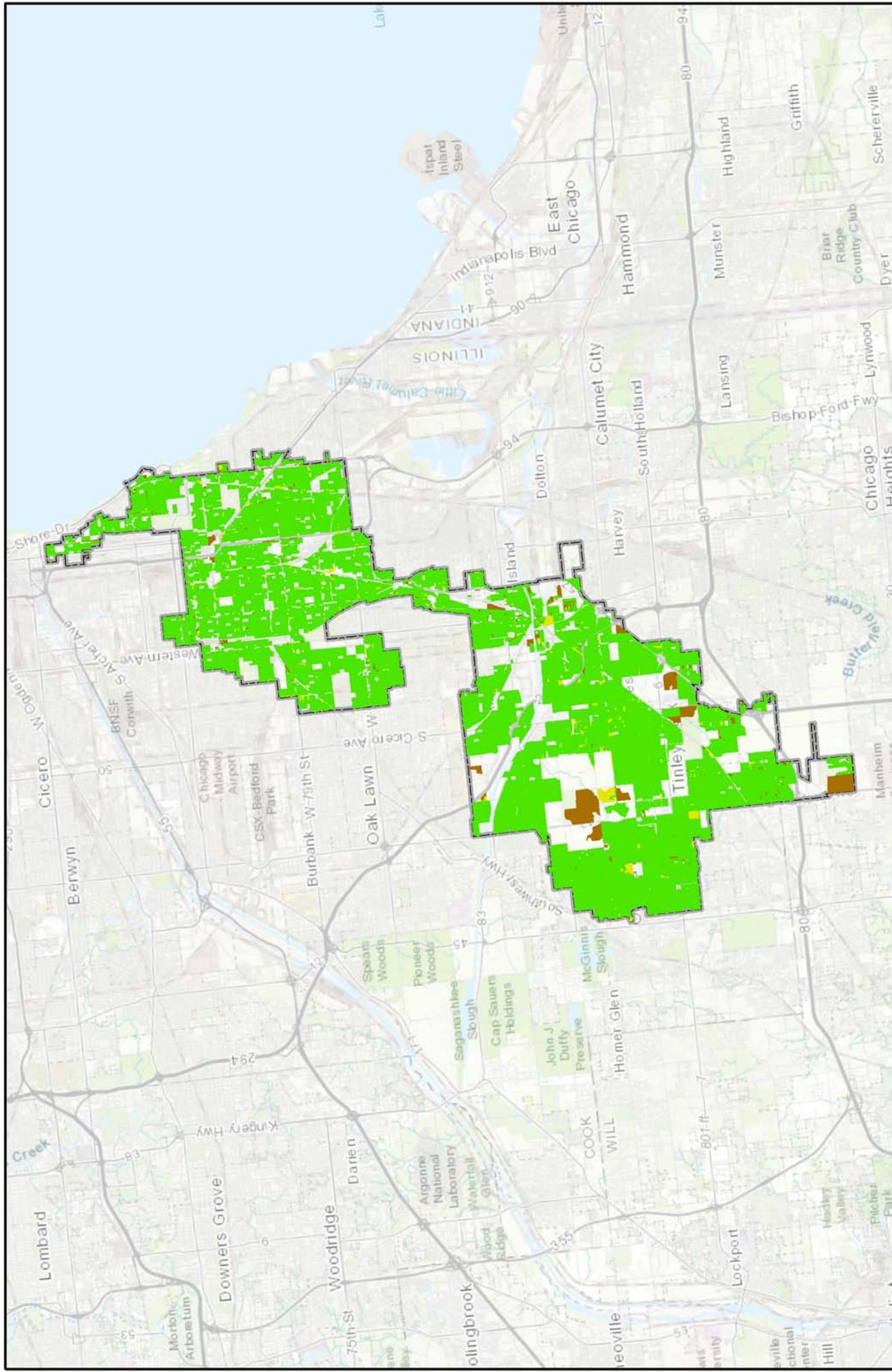
IA Congressional District 2

Data Source: Tiger 2010 Edges

FCC Form 477 Broadband Deployment June 30, 2016 V1

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNRS, IGN, Swire, NITN, GEBCO, Esri, Japan, METI, Esri, China (Beijing), Esri, Swire, Nagayndia, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

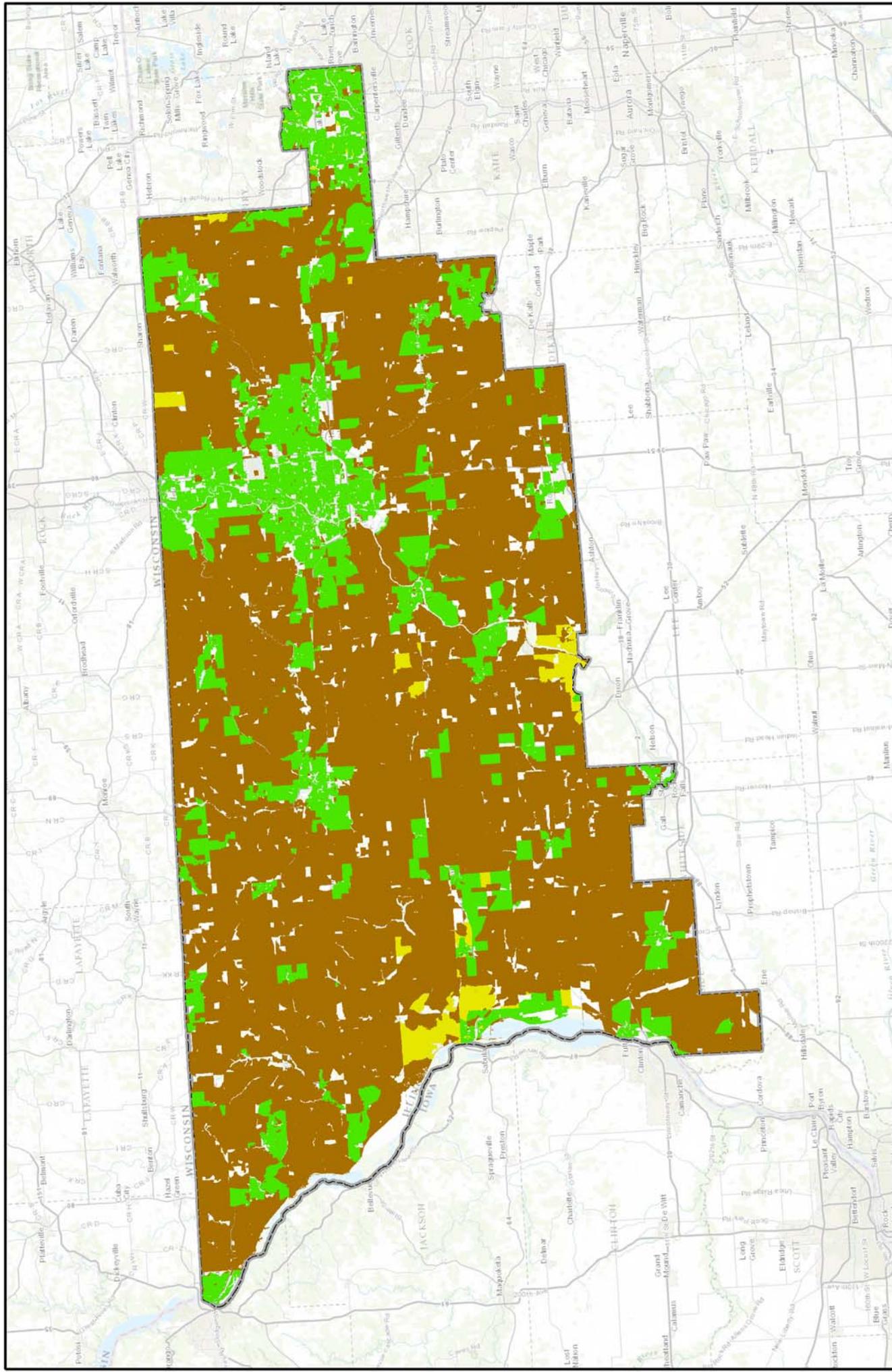
Miles

7

IL Congressional District 1

Data Source: Tiger 2010 Edges
 FCC Form 477 Broadband Deployment June 30, 2016 V1
 Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P
 Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNIG, IGN, KeplerGL, Sw
 Copy, Suro, Esri, Japan, METI, Esri, China (Beijing), Esri, Swisstan, L
 Magyirhida, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

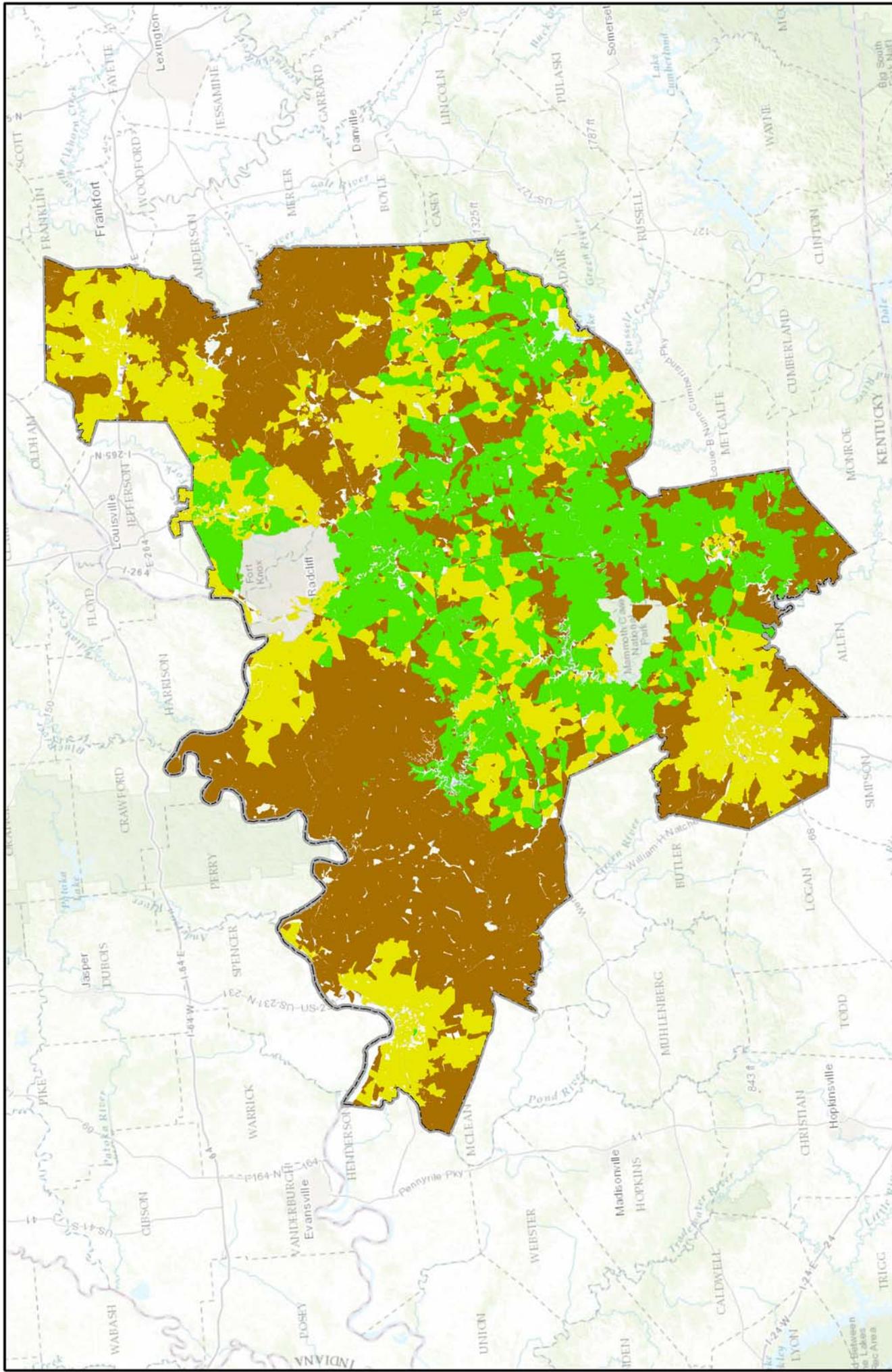
Miles

25

IL Congressional District 16

Data Source: Tiger 2010 Edges
FCC Form 477 Broadband Deployment June 30, 2016 V1
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Esri, Swire, IGN, Keoland, Copernicus, Swire, Esri, Japan, METI, Esri, China, Swire, Hong Kong, Swire, Magyirhida, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

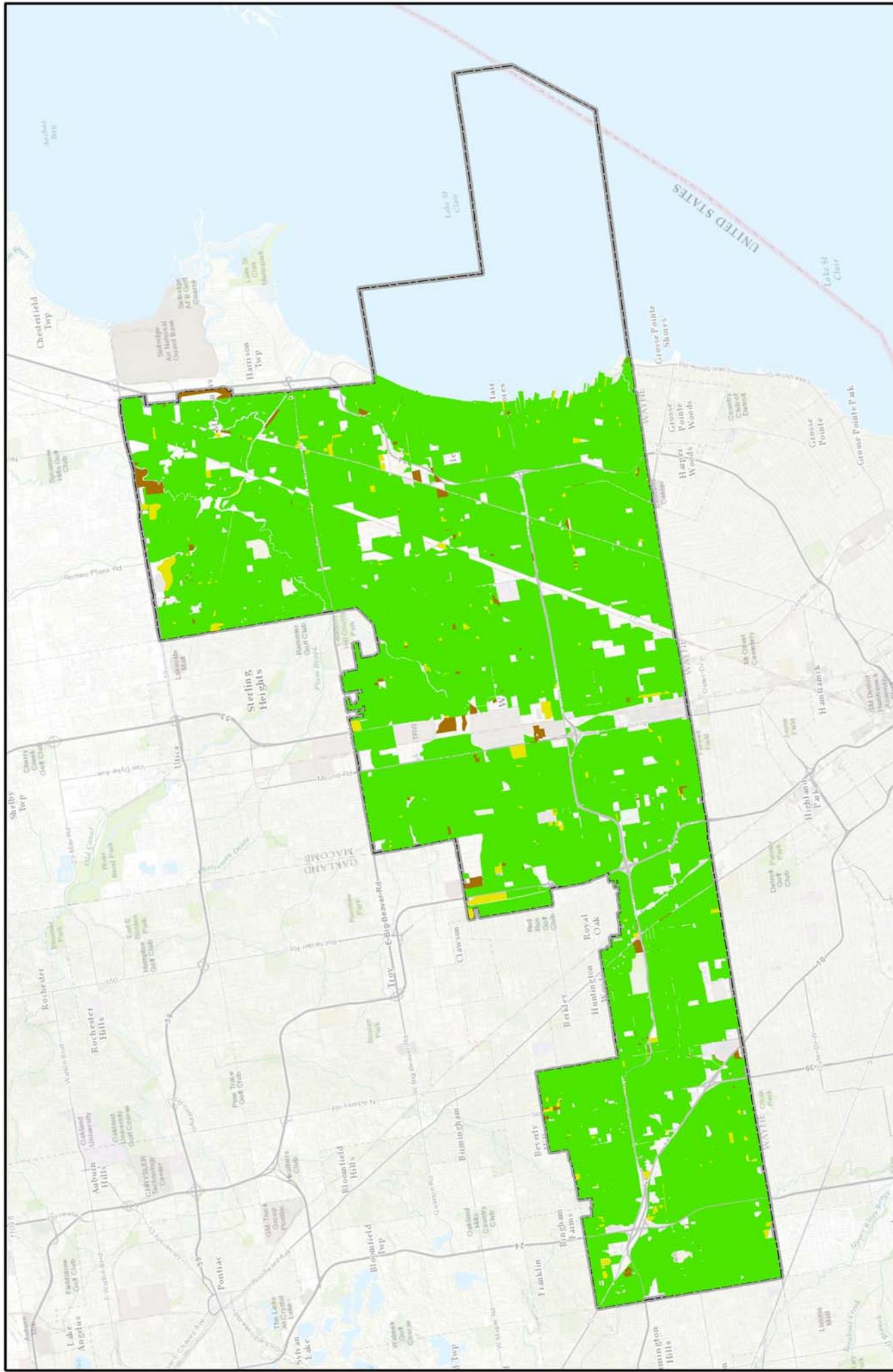
Miles

30

KY Congressional District 2

Data Source: Tiger 2010 Edges
FCC Form 477 Broadband Deployment June 30, 2016 V1
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNIG, NGS, IGN, Gswis, NL, OpenStreetMap contributors, Swatch, NOAA, METI, Esri, China (fob), Swis, MagyIndia, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

>=100 Mbps

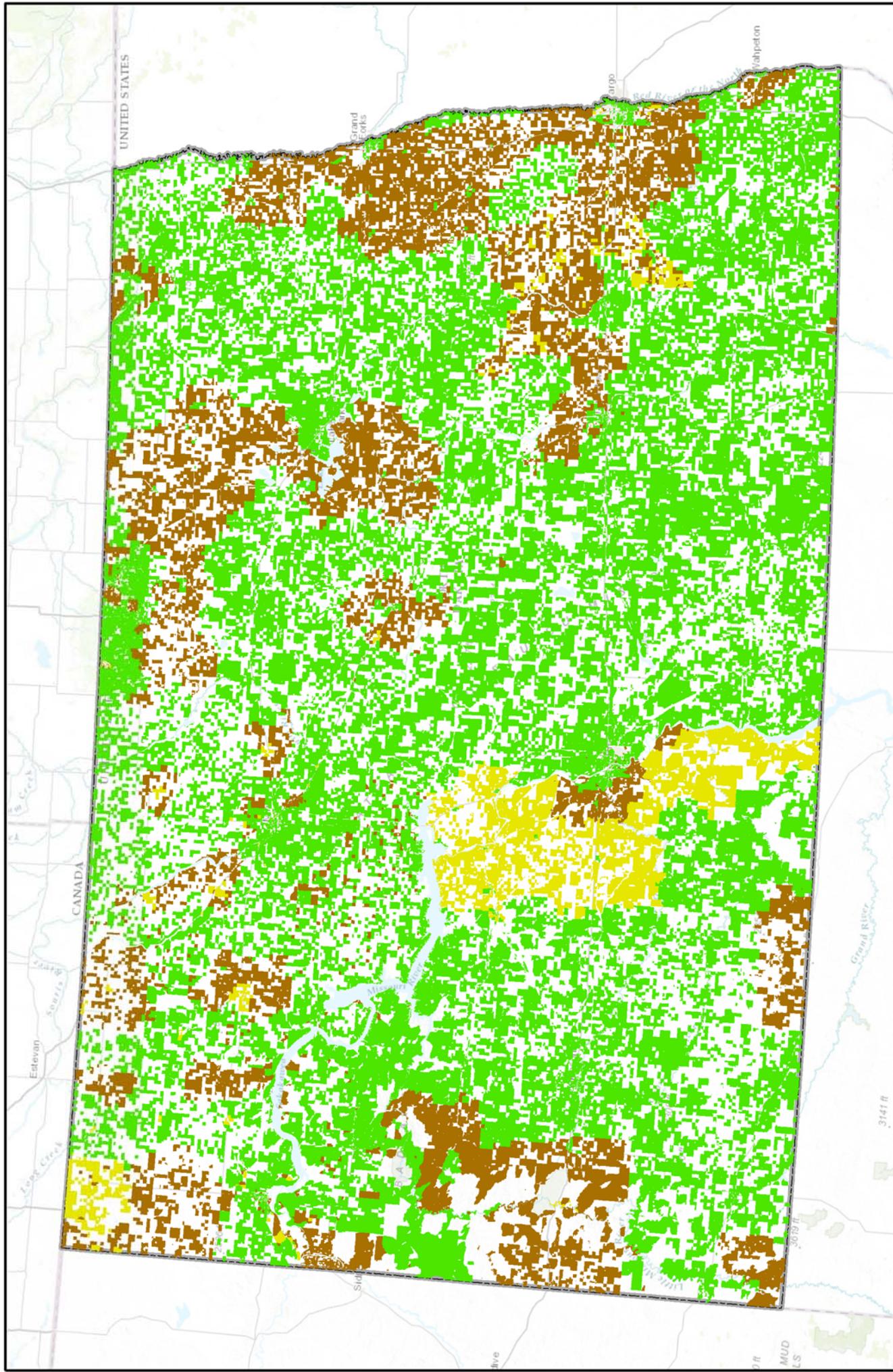
Miles

6

MI Congressional District 12

Data Source: Tiger 2010 Edges
 FCC Form 477 Broadband Deployment June 30, 2016 V1
 Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P
 Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNRS, IGN, Keoland, N
 Corp., Swire, Esri, Japan, METI, Esri, China (Beijing), Esri, Swis
 MagyIndia, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps >=25 Mbps and <100 Mbps >=100 Mbps

ND Congressional District (at Large)

Miles

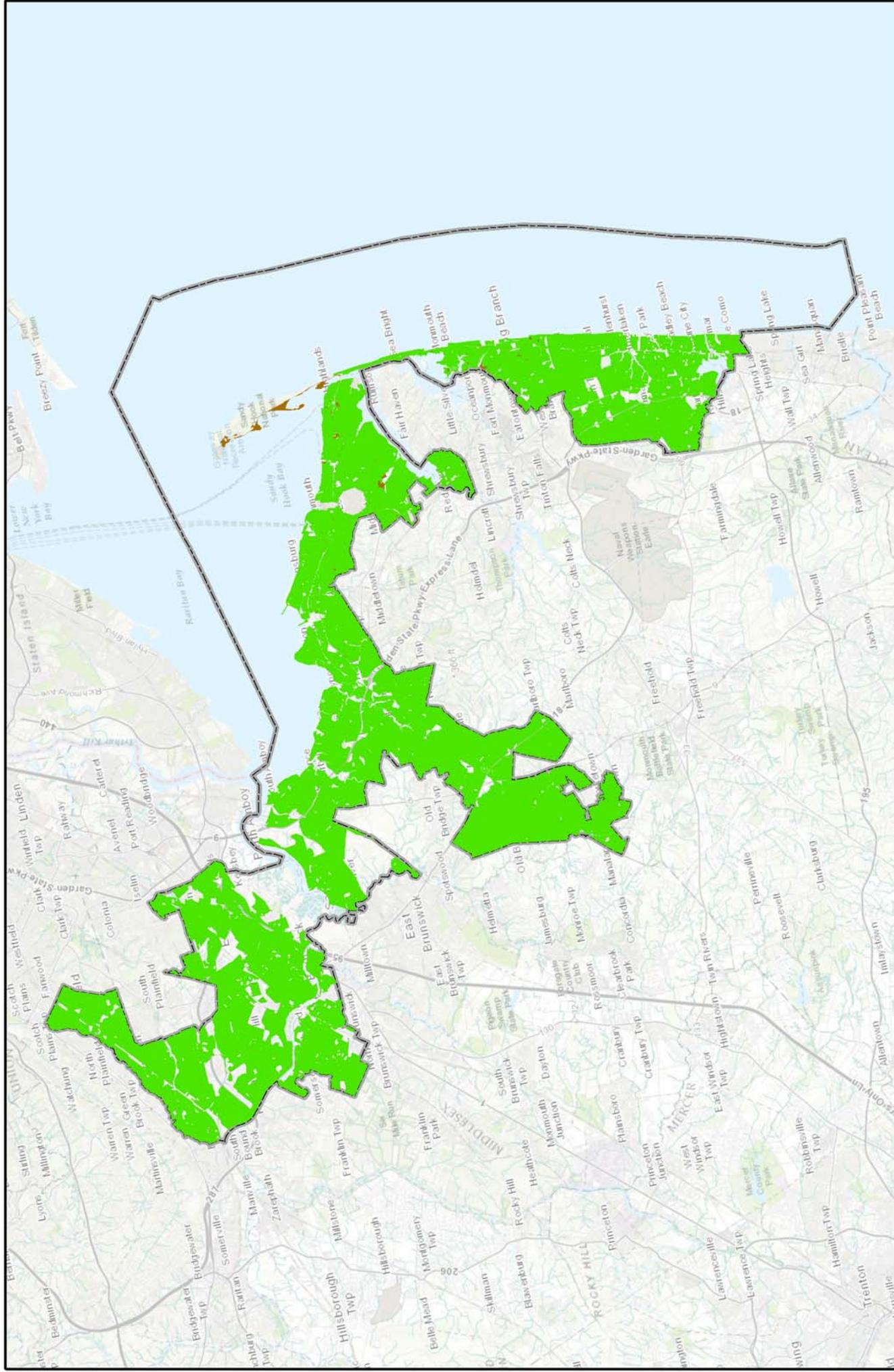
75

Data Source: Tiger 2010 Edges

FCC Form 477 Broadband Deployment June 30, 2016 V1

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P
 Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCO, IGN, KEWASCO, LLC,
 OpenStreetMap, Esri, Japan, METI, Esri, China (Hong Kong), Swire
 MagwayIndia, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

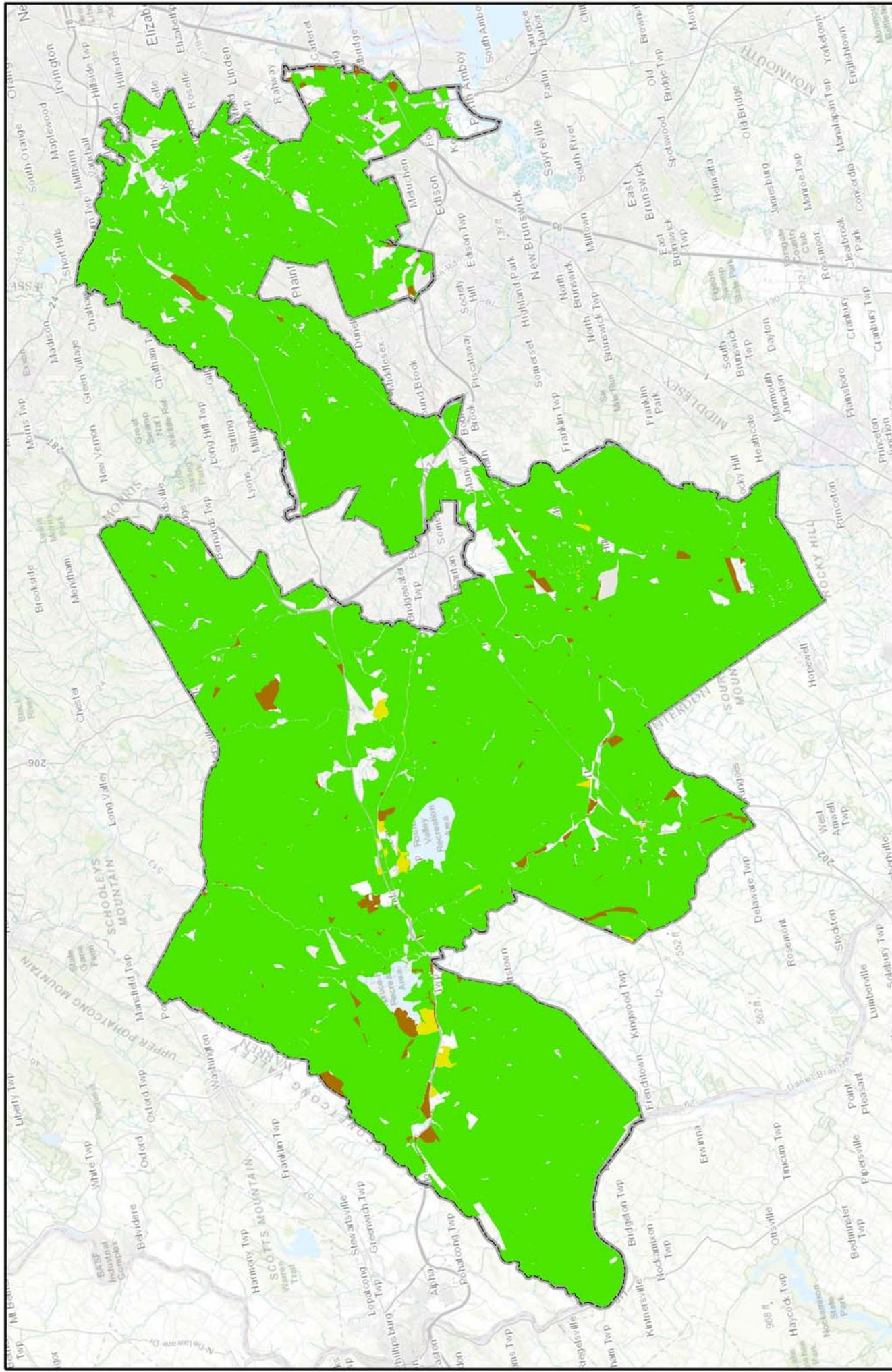
Miles

10

NJ Congressional District 6

Data Source: Tiger 2010 Edges
 FCC Form 477 Broadband Deployment June 30, 2016 V1
 Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Esri, Swisstopo, IGN, Keoland, OpenStreetMap contributors, Swisstopo, Esri, Japan, METI, Esri, China (Beijing), Esri, Swisstopo, Esri, India, Snr, MagyIndia, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

Miles

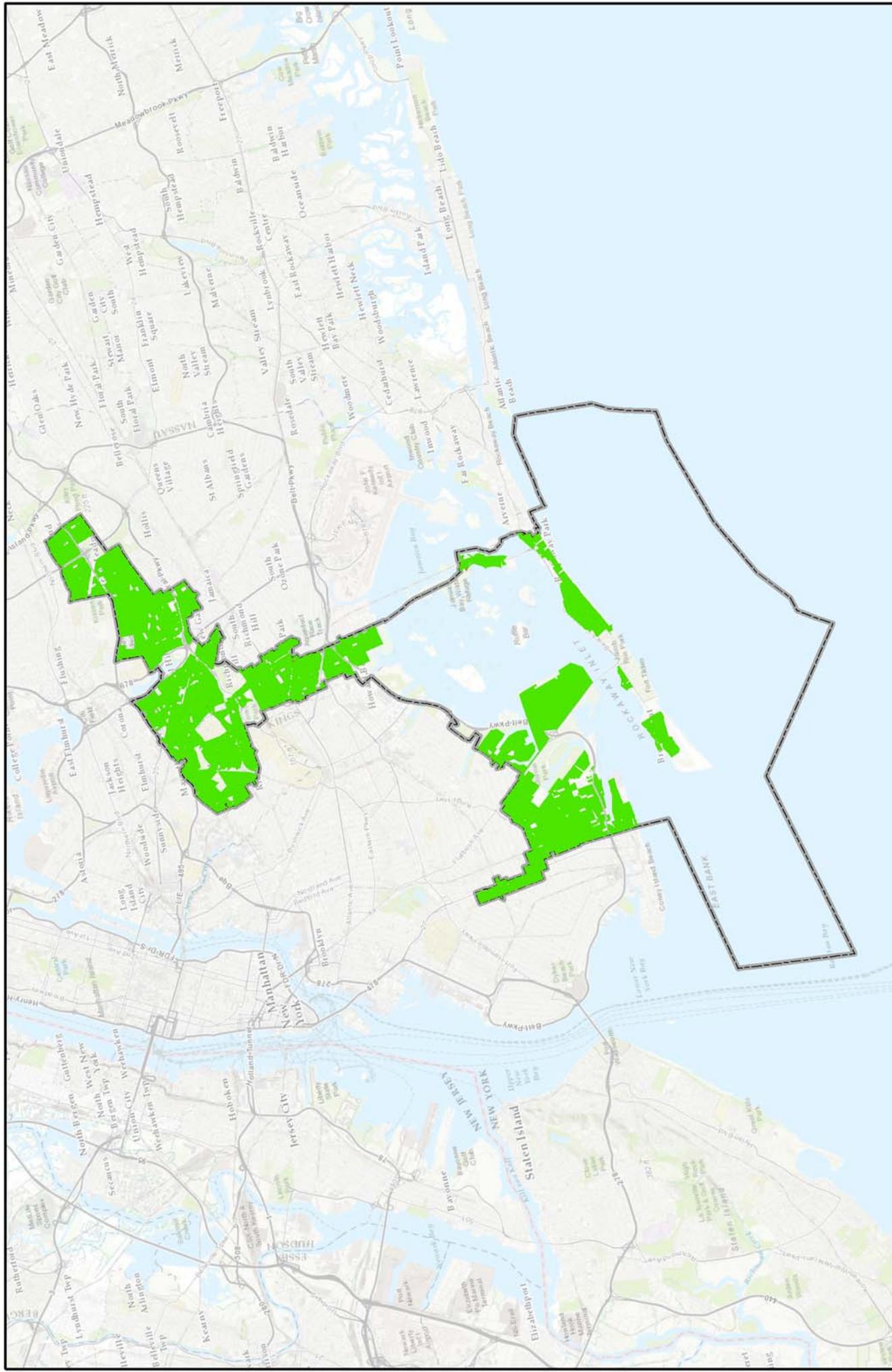
10

NJ Congressional District 7

Data Source: Tiger 2010 Edges
 FCC Form 477 Broadband Deployment June 30, 2016 V1

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNRS, IGN, Keoland, OpenStreetMap, Esri, Japan, METI, Esri, China (Beijing), Swisstopo, Magyirindia, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

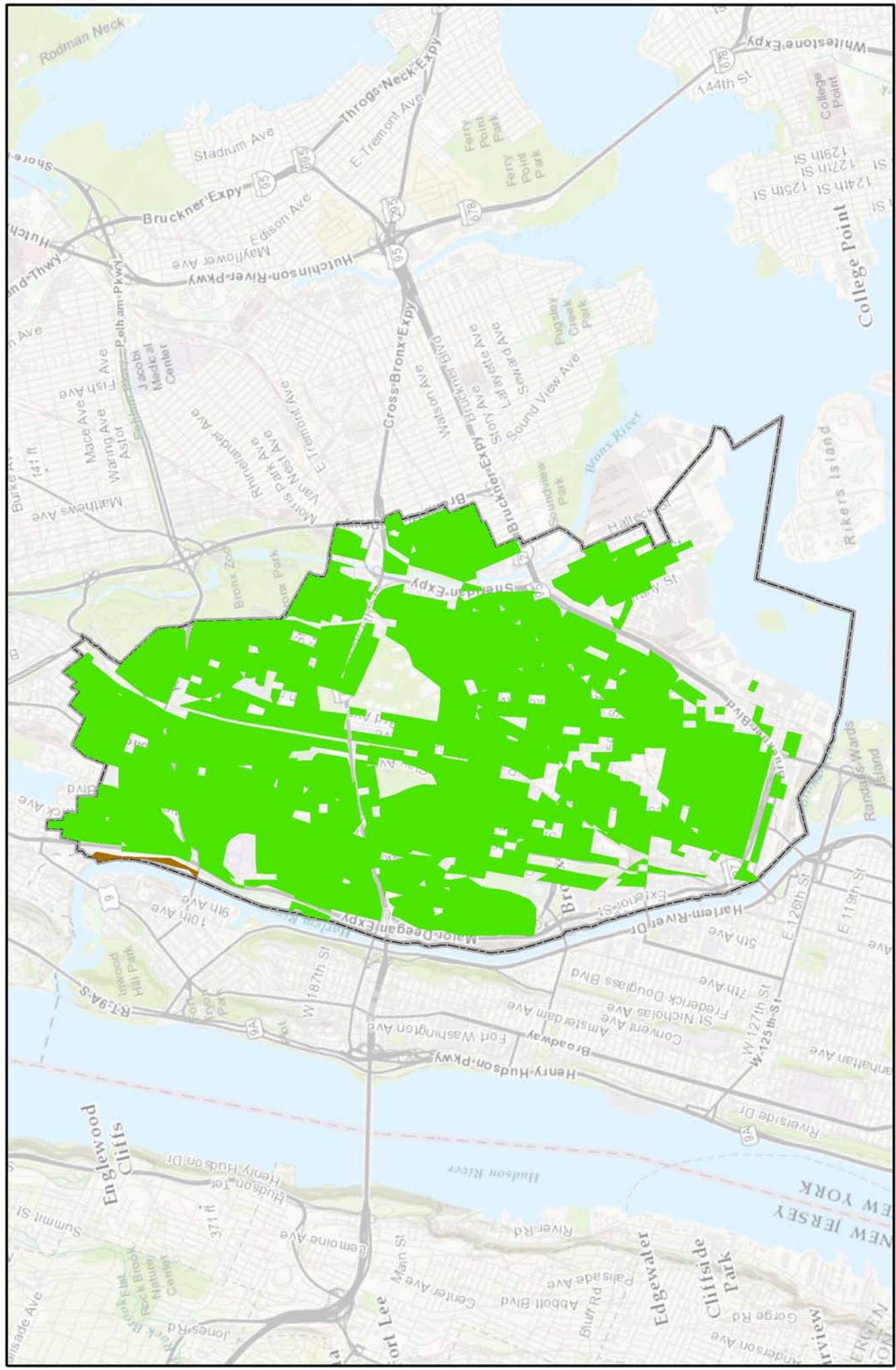
Miles

6

NY Congressional District 9

Data Source: Tiger 2010 Edges
 FCC Form 477 Broadband Deployment June 30, 2016 V1
 Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNRS, IGN, Keoland, OpenStreetMap, Esri, Japan, METI, Esri, China (Beijing), Swisstopo, Mapbox, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

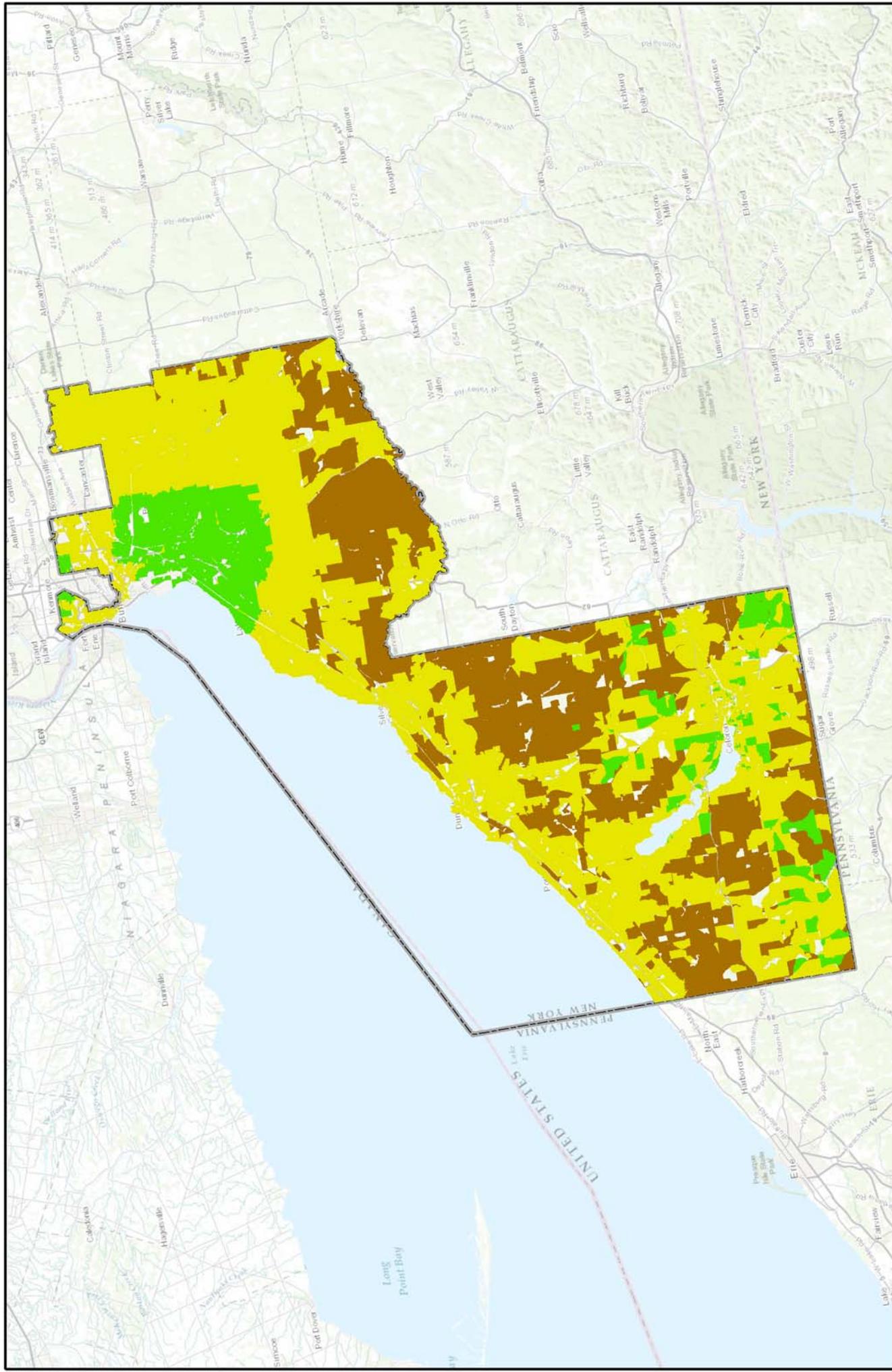
NY Congressional District 16

Miles

1.5

Data Source: Tiger 2010 Edges
 FCC Form 477 Broadband Deployment June 30, 2016 V1
 Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P
 Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNIG, IGN, Kepler, RL
 Corp., Swire, Esri, Japan, METI, Esri, China (Beijing), Esri, Swire
 Magyirhida, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

Miles

20

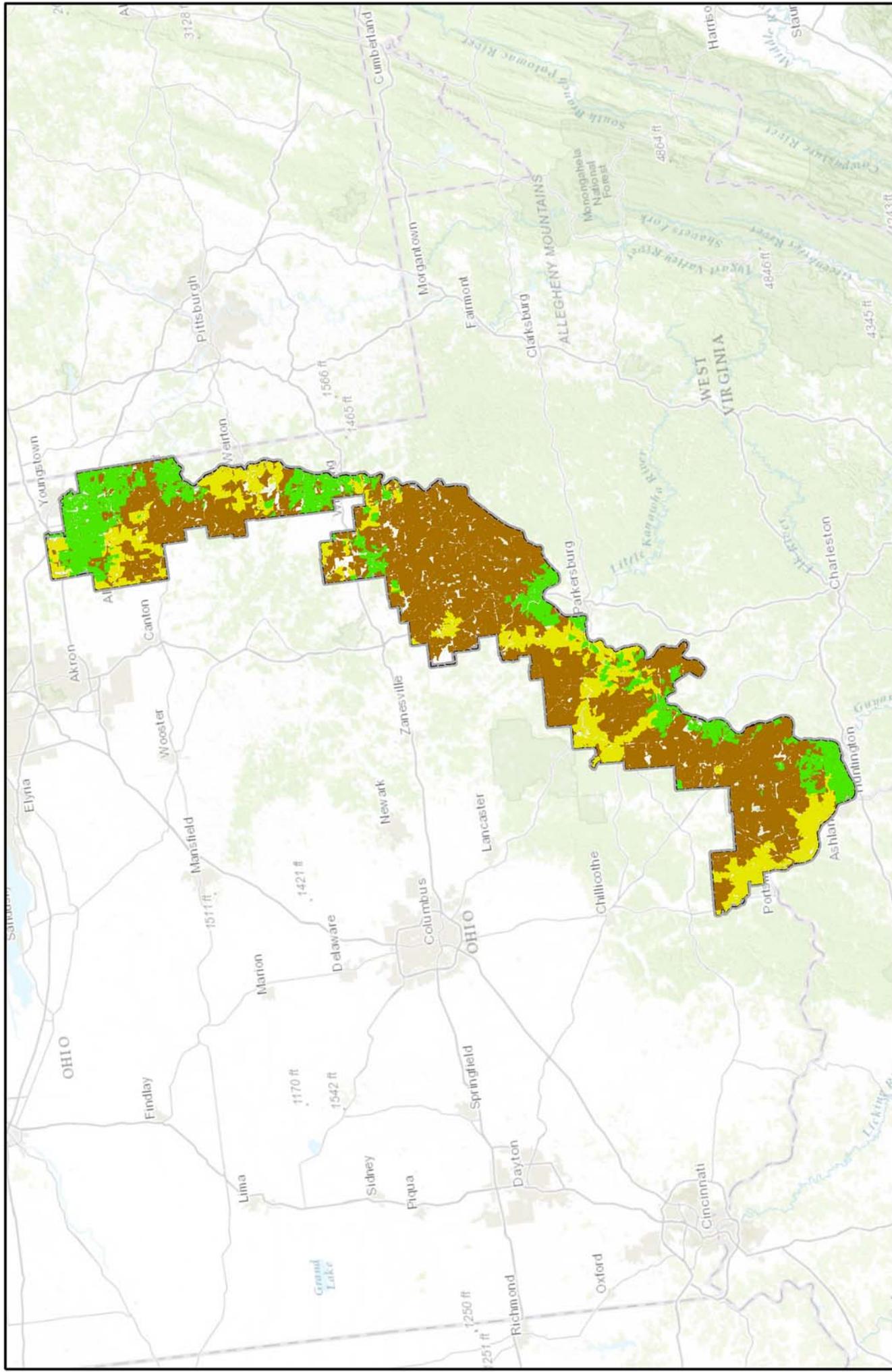
NY Congressional District 27

Data Source: Tiger 2010 Edges

FCC Form 477 Broadband Deployment June 30, 2016 V1

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNES, IGN, Swire, NITN, GEBCO, Esri, Japan, METI, Esri, China (Beijing), Esri, Swire, Nagayndia, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

60 Miles

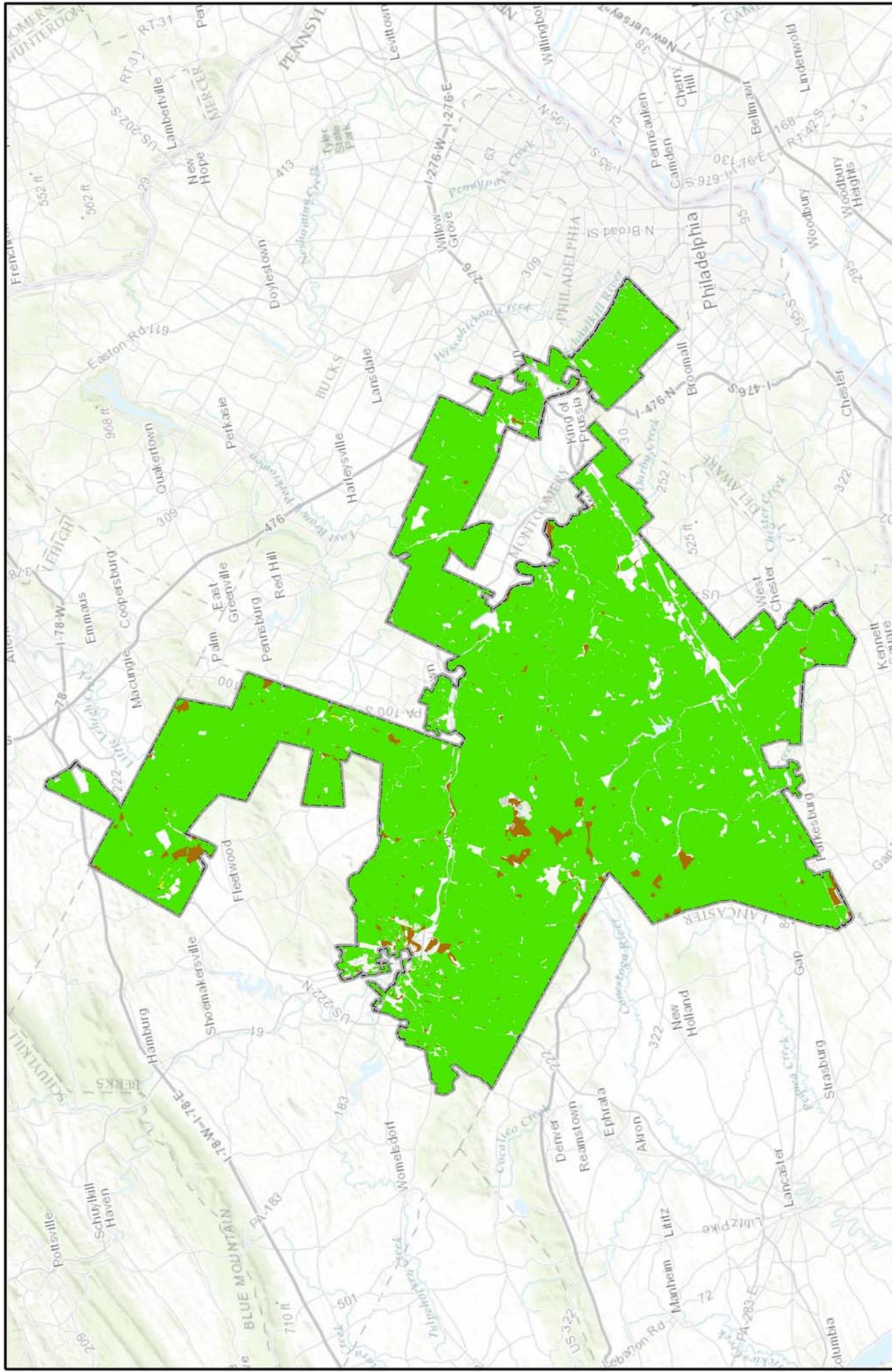
OH Congressional District 6

Data Source: Tiger 2010 Edges

FCC Form 477 Broadband Deployment June 30, 2016 V1

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNA, GEBCO, Esri, Swisstopo, Mapbox, OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

Miles

10

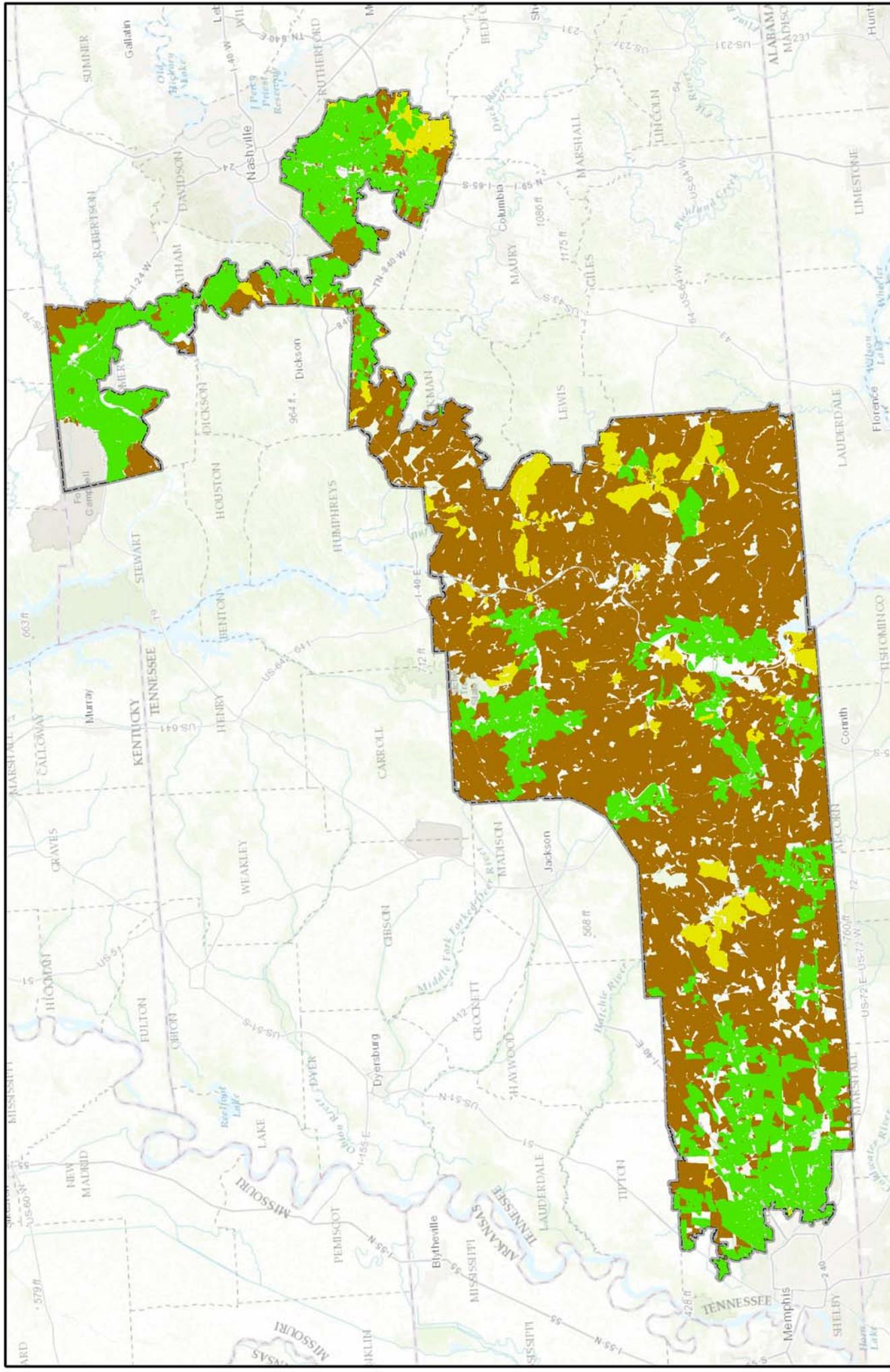
PA Congressional District 6

Data Source: Tiger 2010 Edges

FCC Form 477 Broadband Deployment June 30, 2016 V1

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNRS, IGN, Kantarem, ILD, Swire, Esri, Japan, Swire, Esri, China (Hong Kong), Swire, Esri, India, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

Miles

40

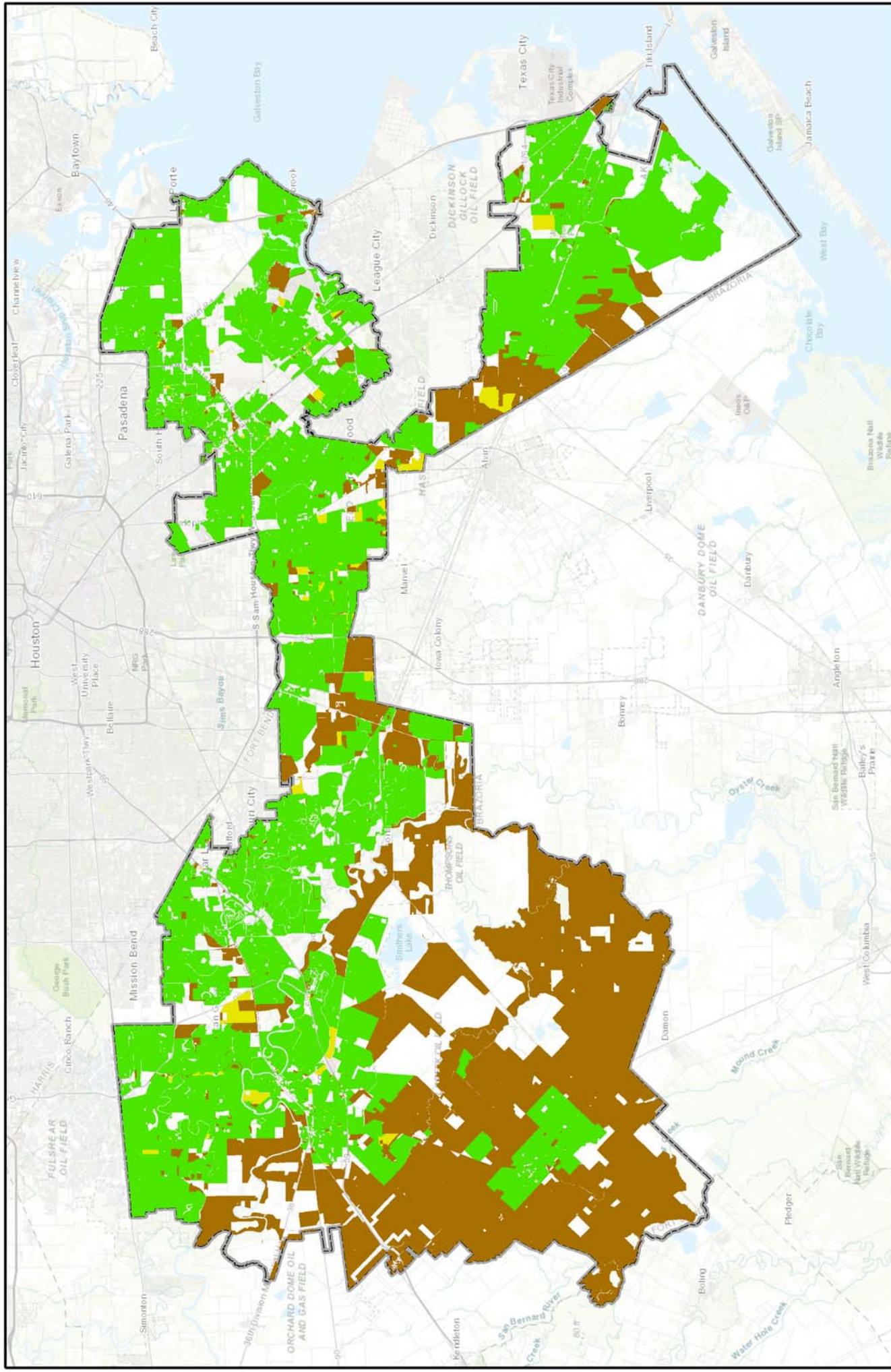
TN Congressional District 7

Data Source: Tiger 2010 Edges

FCC Form 477 Broadband Deployment June 30, 2016 V1

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CNIG, IGN, KeplerGL, OpenStreetMap contributors, Swatch, NOAA, GEBCO, Esri, Japan, METI, Esri China (Hong Kong), Swire, MagyIndia, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

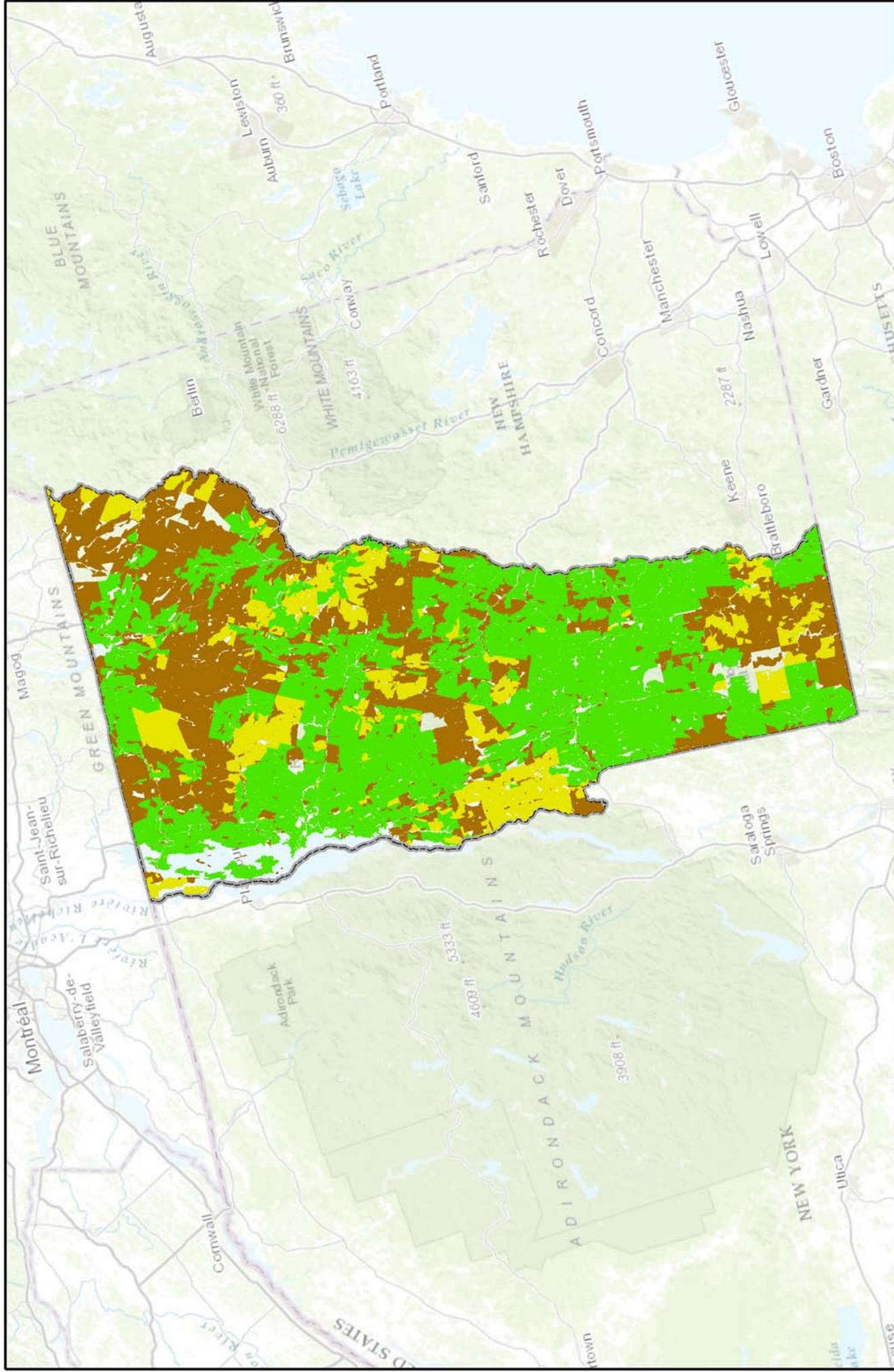
<25 Mbps >=25 Mbps and <100 Mbps >=100 Mbps

TX Congressional District 22



Data Source: Tiger 2010 Edges
 FCC Form 477 Broadband Deployment June 30, 2016 V1
 Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Esri, Swisstopo, Mapbox, OpenStreetMap, Esri, Japan, METI, Esri, China (Beijing), Esri, Swisstopo, Magyirhdi, © OpenStreetMap contributors, and the GIS User Community

District Terrestrial (non-mobile) Broadband Speed Coverage



District Boundary

Maximum Download Speed

<25 Mbps

>=25 Mbps and <100 Mbps

>=100 Mbps

Miles

50

VT Congressional District (at Large)

Data Source: Tiger 2010 Edges

FCC Form 477 Broadband Deployment June 30, 2016 V1

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, CCGI, IGN, IGN, Kepler, N.L., OpenStreetMap contributors, Swatch, NOAA, METI, Esri, China (fao.org), Swisstopo, Magyinhida, © OpenStreetMap contributors, and the GIS User Community