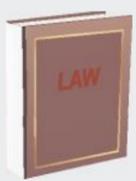


# FirstNet by the Numbers

## VISION

To provide emergency responders with the first nationwide, high-speed, wireless broadband network dedicated to public safety



**THE LAW**  
**2.22.12**  
FirstNet becomes Law  
PL 112-96

**FUNDING**  
**\$7B** authorized to build  
the FirstNet Network. Funded by spectrum  
auctions through 2022. The first auction netted



## GOVERNANCE



FirstNet Board of Directors' **15** members have backgrounds in police, fire, sheriff, emergency medical, city government, and commercial telecommunications.

Governor appoints **1** single Point of Contact and governing body to represent the state's interests to FirstNet.

**41** member Public Safety Advisory Committee (PSAC) advises FirstNet on public safety intergovernmental matters.



**\$1.6B**

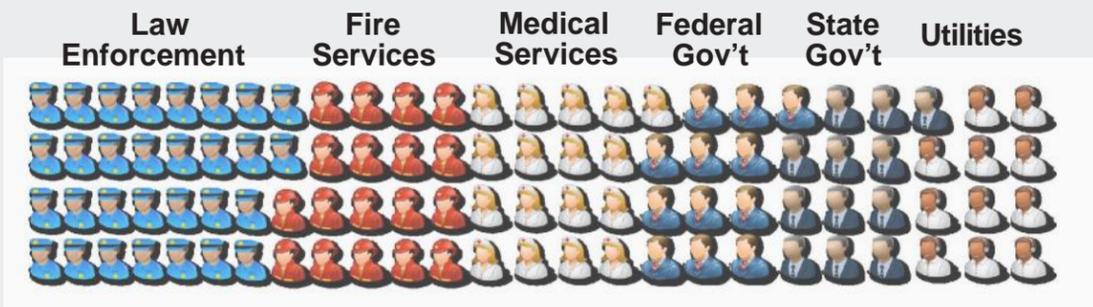
**20MHz** of bandwidth has been dedicated to public safety in the prime **700MHz** frequency range.



## WHO WILL USE FIRSTNET

**5.4 Million**

Potential FirstNet public safety users nationwide



FirstNet must provide service in all **50** US states, **5** territories, and Washington, DC.

**3,800,000**  
Square Miles  
**60,000**  
Public Safety Agencies  
**3,250**  
Counties  
**566**  
Tribes

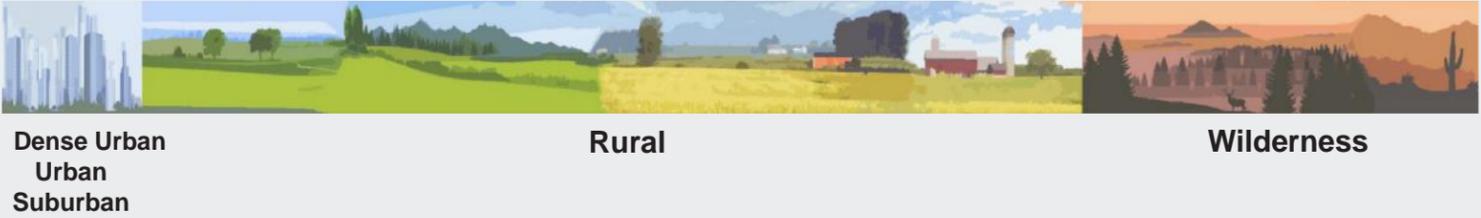
## THE COVERAGE CHALLENGE

FirstNet coverage challenge: geography is divided into 5 categories. Dense urban, urban and suburban are where most people live, but make up only **5%** of the US land mass.

**5%**

**68%**

**27%**



Dense Urban  
Urban  
Suburban

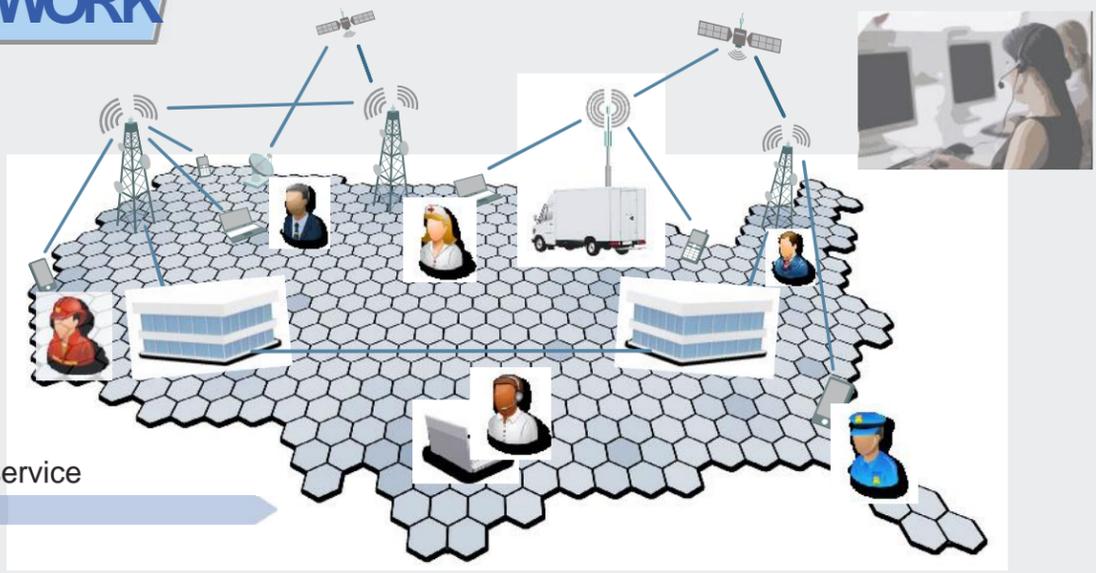
Rural

Wilderness

## FIRSTNET NETWORK

To meet this challenge, FirstNet is considering a 3-in-1 network architecture using land-based cellular, satellite and deployable systems to provide coverage.

**4GLTE** is **10x**  
faster than 3G wireless service



**2014-2016**

- Business plan
- Outreach and awareness
- Collect local data and design network
- Develop and award supplier RFP
- Establish network core

## THE ROAD TO FIRSTNET

**2016+**

- Governor reviews design offer and opts in or out of FirstNet network deployment
- Integrate Next Generation 9-1-1

## HOW MUCH WILL IT COST?

To offer public safety grade services at a cost that's competitive and compelling to users.

– FirstNet Tenet

**2022**

Last spectrum auction  
Network substantially in operation

## FirstNet in Maine

For more FirstNet facts visit: [firstnet.gov](http://firstnet.gov)

### Major Sources

Public Law 112-96, "Middle Class Tax Relief and Job Creation Act of 2012." FirstNet is found in Title VI of PL 112-96, entitled "Public Safety Communications and Electromagnetic Spectrum Auctions."  
Moore, L. (2014, March 12). The First Responder Network and Next-Generation Communications for Public Safety: Issues for Congress. Congressional Research Service R42543.

This poster was originally prepared by SAIC under contract with the Oregon Department of Transportation using funds under award 41-10-S13041 from the National Telecommunications and Information Administration (NTIA), U.S. Department of Commerce (DOC). The statements, findings, conclusions, and recommendations are those of the author(s) and do not necessarily reflect the views of the NTIA, DOC, or FirstNet.



DCN: SWIC-OPSBN-14-01