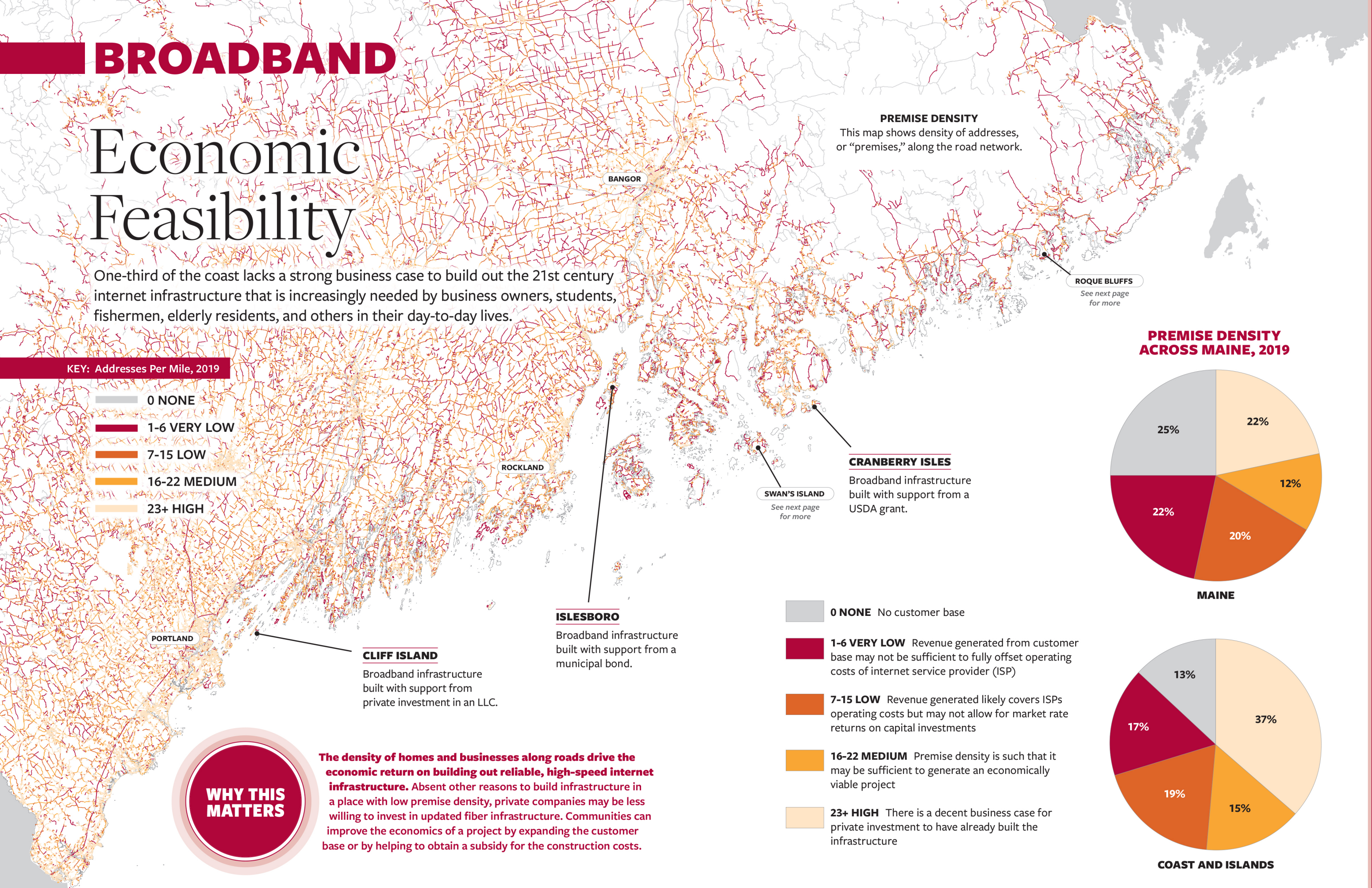


Economic Feasibility

One-third of the coast lacks a strong business case to build out the 21st century internet infrastructure that is increasingly needed by business owners, students, fishermen, elderly residents, and others in their day-to-day lives.

KEY: Addresses Per Mile, 2019

- 0 NONE
- 1-6 VERY LOW
- 7-15 LOW
- 16-22 MEDIUM
- 23+ HIGH



PREMISE DENSITY
This map shows density of addresses, or "premises," along the road network.

ROQUE BLUFFS
See next page for more

SWAN'S ISLAND
See next page for more

CRANBERRY ISLES
Broadband infrastructure built with support from a USDA grant.

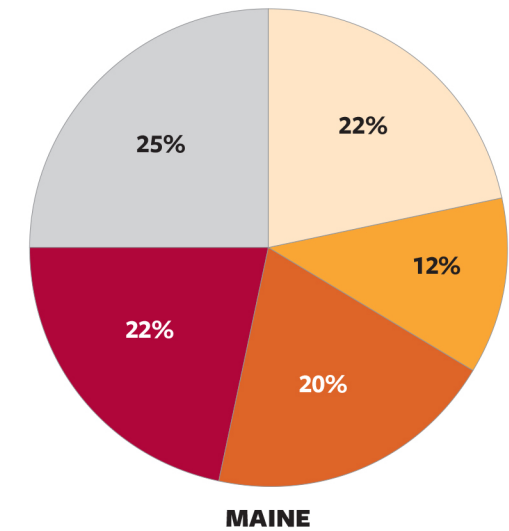
ISLESBORO
Broadband infrastructure built with support from a municipal bond.

CLIFF ISLAND
Broadband infrastructure built with support from private investment in an LLC.

WHY THIS MATTERS

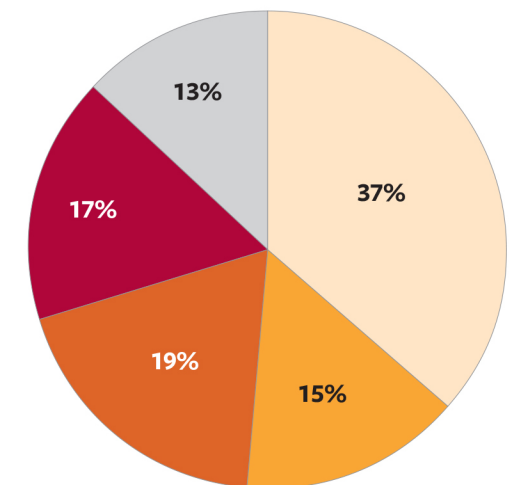
The density of homes and businesses along roads drive the economic return on building out reliable, high-speed internet infrastructure. Absent other reasons to build infrastructure in a place with low premise density, private companies may be less willing to invest in updated fiber infrastructure. Communities can improve the economics of a project by expanding the customer base or by helping to obtain a subsidy for the construction costs.

PREMISE DENSITY ACROSS MAINE, 2019



MAINE

- 0 NONE** No customer base
- 1-6 VERY LOW** Revenue generated from customer base may not be sufficient to fully offset operating costs of internet service provider (ISP)
- 7-15 LOW** Revenue generated likely covers ISPs operating costs but may not allow for market rate returns on capital investments
- 16-22 MEDIUM** Premise density is such that it may be sufficient to generate an economically viable project
- 23+ HIGH** There is a decent business case for private investment to have already built the infrastructure



COAST AND ISLANDS