

## Coastal erosion

Indicator: Coastal erosion rates (metres per year)

### *Technical information:*

The New Brunswick Department of Natural Resources collects high-precision coastal migration information using airplanes to collect aerial photographs and Light Detection and Ranging (LiDAR) data and using Digital Global Positioning System (GPS) units to conduct land surveys. Coastal migration rates have been measured for over 45 years in New Brunswick.

### *Data:*

Landform	Chaleur (m/yr)	Northeast (m/yr)	Northumberland (m/yr)	All New Brunswick (m/yr)
Cliff	0.18	1.17	0.26	0.26
Dune	0.35	1.20	0.85	0.80
Beach	0.32	1.01	1.00	0.76
Salt marsh	0.17	N/A	0.30	0.28