

**Table 3.** State-level summary of carbon sinks and sources (Megagrams C) for Maine as well as airborne fraction, and sink strength based on implied annual flux from 2006 to 2016 by primary land type of sector

| <b>Land Type/Primary Sector</b> | <b>Sink/Source</b> | <b>Airborne Frac</b> | <b>Sink Strength</b> |
|---------------------------------|--------------------|----------------------|----------------------|
| Fossil Fuel Emissions           | <b>4,897,646</b>   | 27.37%               | -72.63%              |
| Forest & Shrubland              | -2,939,952         | -                    | -60.0%               |
| Forest Products                 | -755,064           | -                    | -15.4%               |
| Agriculture                     | 260,141            | -                    | 5.3%                 |
| Inland Water                    | -145,032           | -                    | -3.0%                |
| Wetland Soils                   | 149,616            | -                    | 3.1%                 |
| Urban                           | -91,271            | -                    | -1.9%                |
| Salt Marshes and Eelgrasses     | -35,500            | -                    | -0.7%                |
| <b>Total</b>                    | <b>1,340,583</b>   | -                    | -                    |

*Compiled by the Forest Climate Change Initiative, Center for Research on Sustainable Forests at the University of Maine.*