

PRIVATE GRANT-AIDED FOREST ROAD BUILDING (METRES) BY COUNTY FROM (2010-2019)

| County | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Carlow | 618 | 807 | 494 | 60 | 883 | 0 | 0 | 798 | 470 | 210 |
| Cavan | 6,957 | 2,477 | 1,777 | 2,478 | 3,187 | 3,197 | 1,702 | 2,815 | 4,569 | 7,360 |
| Clare | 5,564 | 5,783 | 3,418 | 4,238 | 2,768 | 5,225 | 4,191 | 5,755 | 4,585 | 3,459 |
| Cork | 7,399 | 13,028 | 11,614 | 6,534 | 8,969 | 8,708 | 5,724 | 8,183 | 7,432 | 10,458 |
| Donegal | 4,329 | 460 | 80 | 0 | 1,376 | 402 | 395 | 2,969 | 2,689 | 1,819 |
| Dublin | 900 | 200 | 0 | 480 | 800 | 0 | 0 | 484 | 1,295 | 868 |
| Galway | 6,898 | 7,554 | 3,123 | 2,360 | 4,329 | 895 | 1,047 | 3,365 | 4,301 | 3,303 |
| Kerry | 8,665 | 10,666 | 6,037 | 10,937 | 11,755 | 7,833 | 4,084 | 12,261 | 10,558 | 9,717 |
| Kildare | 2,796 | 2,790 | 1,158 | 1,324 | 80 | 2,667 | 430 | 735 | 420 | 499 |
| Kilkenny | 3,785 | 3,764 | 6,894 | 8,984 | 5,664 | 3,630 | 2,226 | 2,842 | 5,691 | 7,118 |
| Laois | 9,737 | 7,889 | 6,412 | 3,812 | 739 | 2,206 | 3,153 | 3,668 | 2,300 | 1,282 |
| Leitrim | 4,166 | 6,441 | 2,750 | 5,049 | 6,426 | 2,173 | 1,460 | 1,624 | 2,569 | 5,135 |
| Limerick | 5,745 | 5,042 | 3,137 | 6,134 | 4,927 | 1,254 | 3,585 | 4,885 | 3,994 | 4,317 |
| Longford | 475 | 652 | 2,606 | 552 | 3,116 | 1,845 | 2,080 | 1,228 | 1,570 | 3,623 |
| Louth | 0 | 1,427 | 787 | 0 | 0 | 0 | 435 | 0 | 0 | 0 |
| Mayo | 2,005 | 3,339 | 3,355 | 2,000 | 3,480 | 942 | 266 | 1,105 | 1,047 | 2,329 |
| Meath | 220 | 1,815 | 1,105 | 2,791 | 384 | 2,593 | 1,514 | 1,734 | 1,028 | 2,818 |
| Monaghan | 1,080 | 470 | 200 | 170 | 0 | 50 | 899 | 1,372 | 2,454 | 475 |
| Offaly | 1,333 | 10,460 | 1,919 | 1,468 | 2,839 | 1,950 | 1,606 | 4,716 | 2,861 | 674 |
| Roscommon | 4,734 | 10,094 | 5,968 | 2,856 | 4,422 | 1,005 | 917 | 1,573 | 3,048 | 5,614 |
| Sligo | 4,926 | 1,305 | 2,286 | 2,805 | 5,354 | 2,693 | 1,813 | 1,134 | 1,312 | 1,909 |
| Tipperary | 8,342 | 7,970 | 5,243 | 7,847 | 6,051 | 7,331 | 10,253 | 8,898 | 3,674 | 6,293 |
| Waterford | 1,635 | 4,522 | 1,099 | 2,266 | 2,649 | 2,362 | 2,636 | 5,139 | 1,086 | 2,366 |
| Westmeath | 2,655 | 1,703 | 3,234 | 2,602 | 3,218 | 2,723 | 6,492 | 5,961 | 2,427 | 4,860 |
| Wexford | 990 | 2,036 | 1,692 | 882 | 1,121 | 1,292 | 2,759 | 4,083 | 290 | 2,812 |
| Wicklow | 2,964 | 3,400 | 4,723 | 4,455 | 2,148 | 2,140 | 2,278 | 3,730 | 2,546 | 4,820 |
| Total | 98,918 | 116,094 | 81,111 | 83,084 | 86,685 | 65,116 | 61,945 | 91,057 | 74,216 | 94,138 |

FOREST CARBON STOCKS 2006, 2012 AND 2017

| Carbon stock | 2006 | | 2012 | | 2017 | |
|------------------------|---------------|--------------|---------------|---------------|---------------|---------------|
| | Million t | % Total | Million t | % Total | Million t | % Total |
| Above-ground biomass* | 30.6 | 8.90 | 39.70 | 10.40 | 45.60 | 14.60 |
| Below-ground biomass** | 6.70 | 1.90 | 8.80 | 2.30 | 10.30 | 3.30 |
| Deadwood*** | 1.20 | 0.40 | 2.50 | 0.60 | 2.10 | 0.70 |
| Litter | 2.30 | 0.70 | 6.30 | 1.60 | 7.10 | 2.30 |
| Soil | 304.90 | 88.10 | 323.70 | 85.10 | 246.60 | 79.10 |
| Total | 348.40 | 100.0 | 381.00 | 100.00 | 311.70 | 100.00 |

* Above-ground biomass includes all living stems, branches and needles/leaves based on a stump height at 1% of total tree height.

** Below-ground biomass includes all roots to a minimum diameter of 5 mm.

*** Deadwood includes all logs, stumps and branches with a minimum diameter of 7 cm.