

Coast Area Waste and Residue



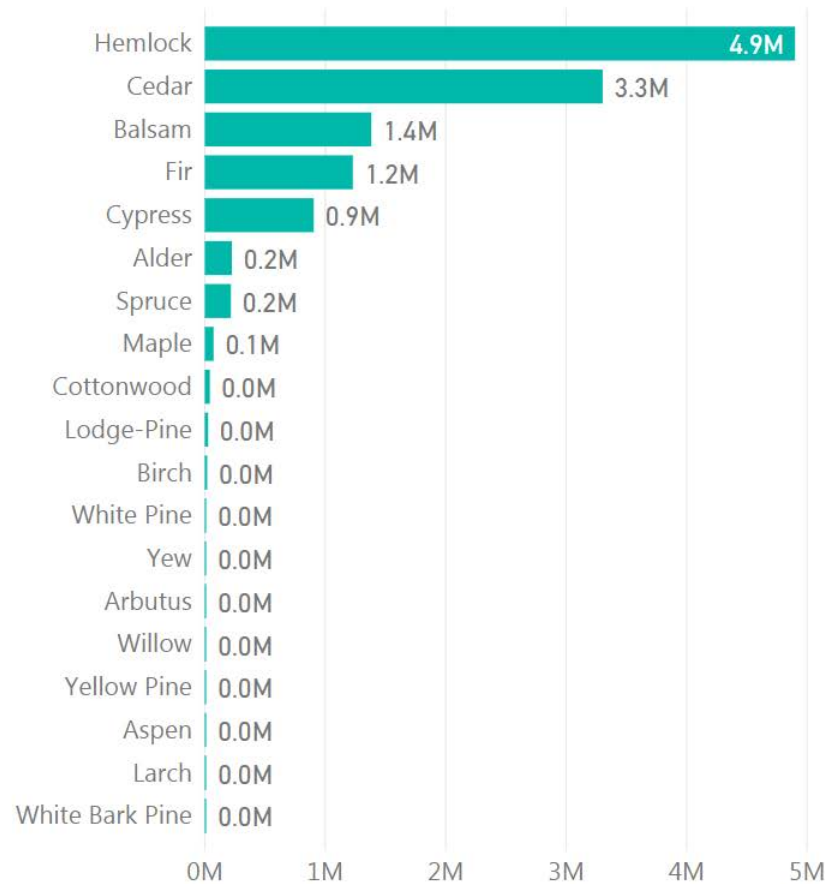
April 25, 2018
FMLT NICCRD

Billed Amounts

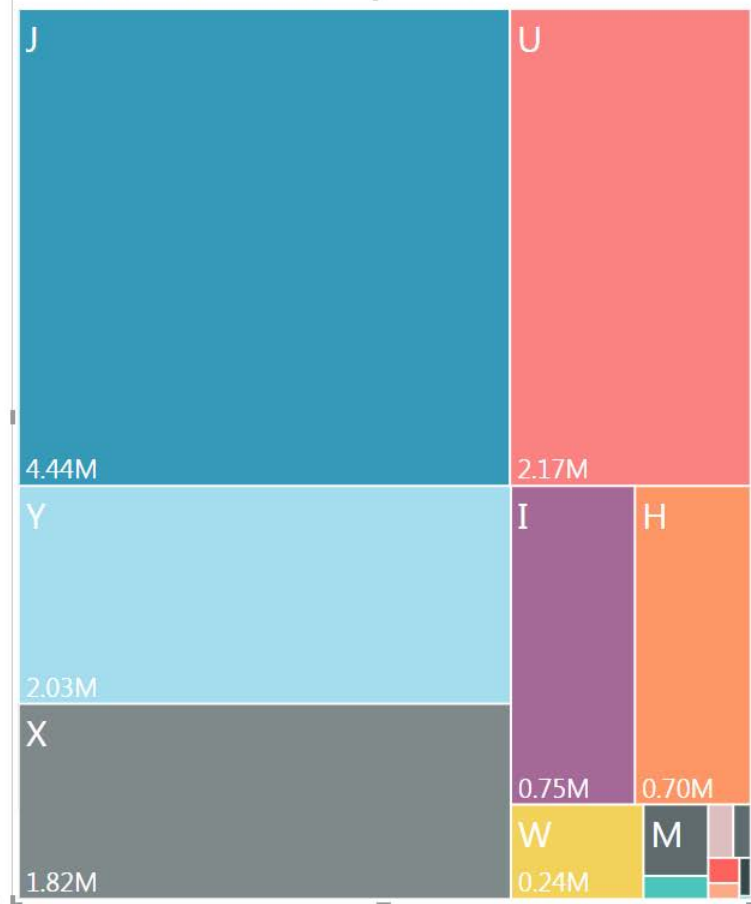
- ▶ On average, the Coast area bills about 2.4 million cubic metres of waste per year (avoidable and unavoidable, all grades)
- ▶ In 2017, \$7.25M was billed as waste
 - This translates to about \$2.78 / m³
- ▶ Average m³/ha cut control (avoidable and unavoidable) for the Coast Area:
119 m³/ha
 - 89 m³/ha South Coast Region
 - 123 m³/ha West Coast Region

Billing Breakdown – 5 Years

Total Volume Billed by Species



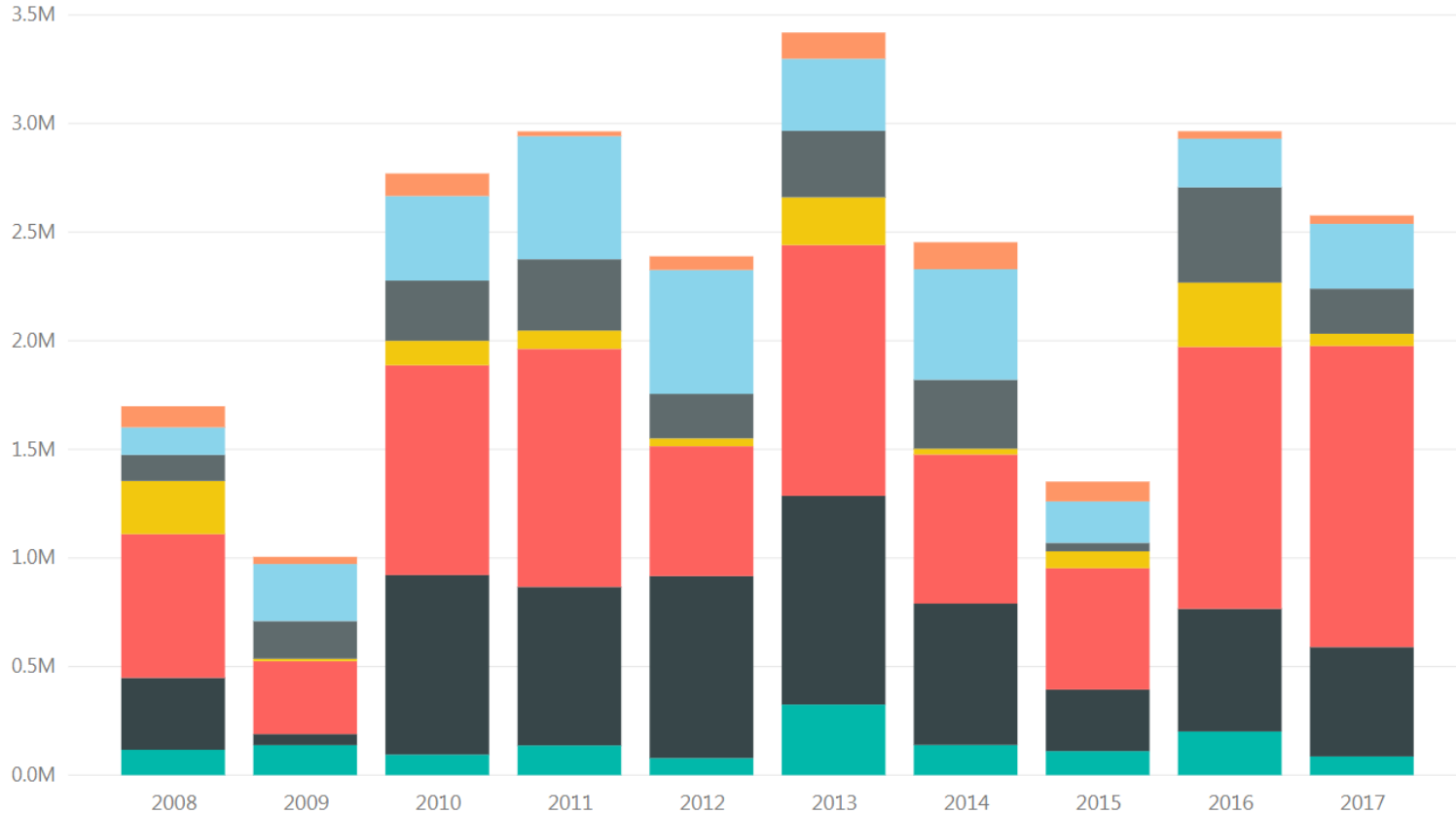
Total Volume Billed by Grade



Coast Area Totals – W&R

Cubic Metres of Waste Billed as Cut Control (Includes Avoidable and Unavoidable, All Grades)

District ■ DCK - Chilliwack Natural Resource ... ■ DCR - Campbell River Natural R... ■ DNI - North Island - Central ... ■ DQC - Haida Gwaii Natur... ■ DSC - Sunshine Coast ... ■ DSI - South Island Nat... ■ DSQ - Sea to Sky N...



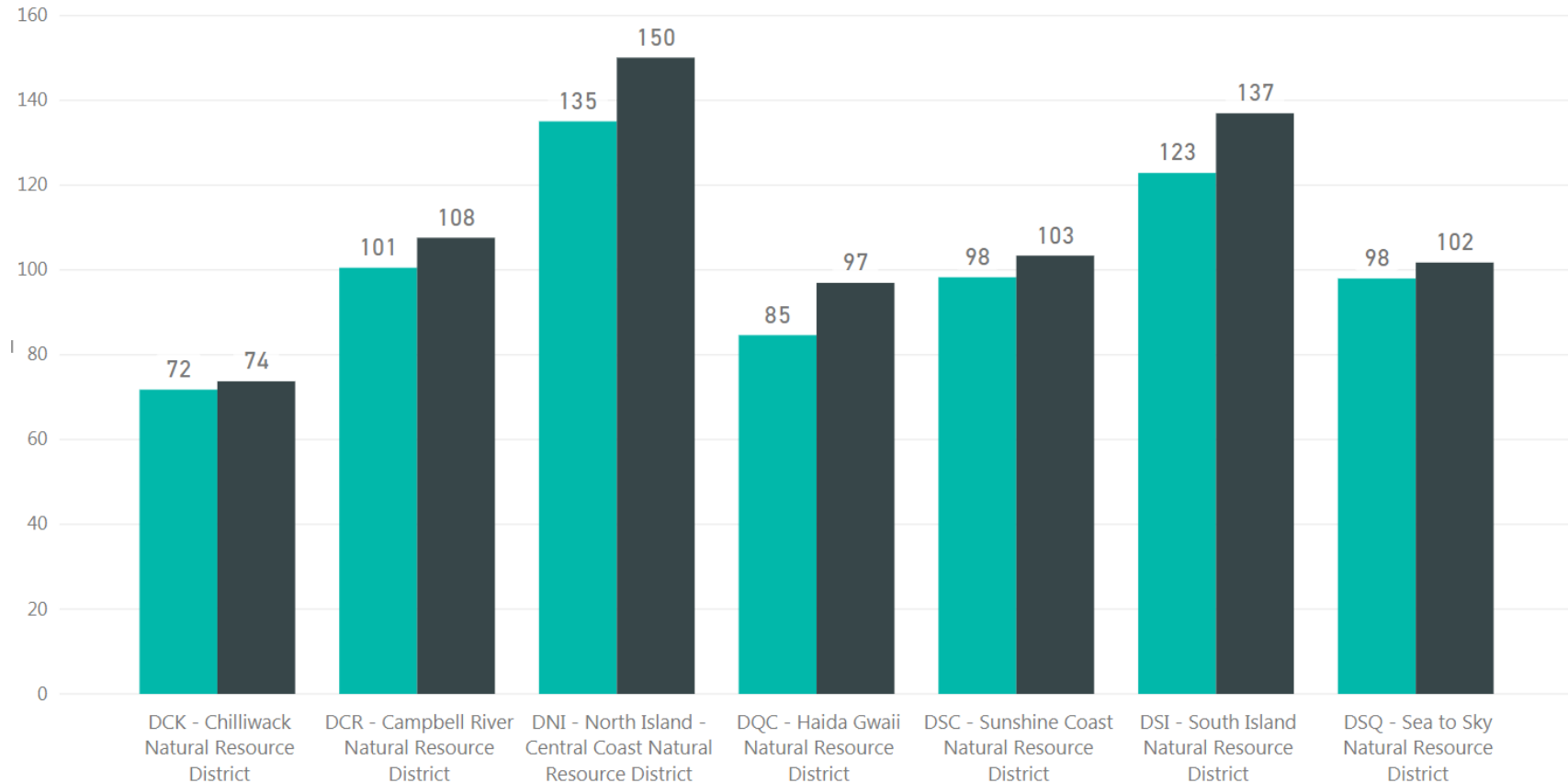
- Di... ▾
- ☐ DCK ...
 - ☐ DCR ...
 - ☐ DNI -...
 - ☐ DQC ...
 - ☐ DSC ...
 - ☐ DSI - ...
 - ☐ DSQ ...

23.59M

Average m3/ha by District

10 year Average of the Total Avoidable Waste (M3/ha) and Cut Control (M3/ha) by District

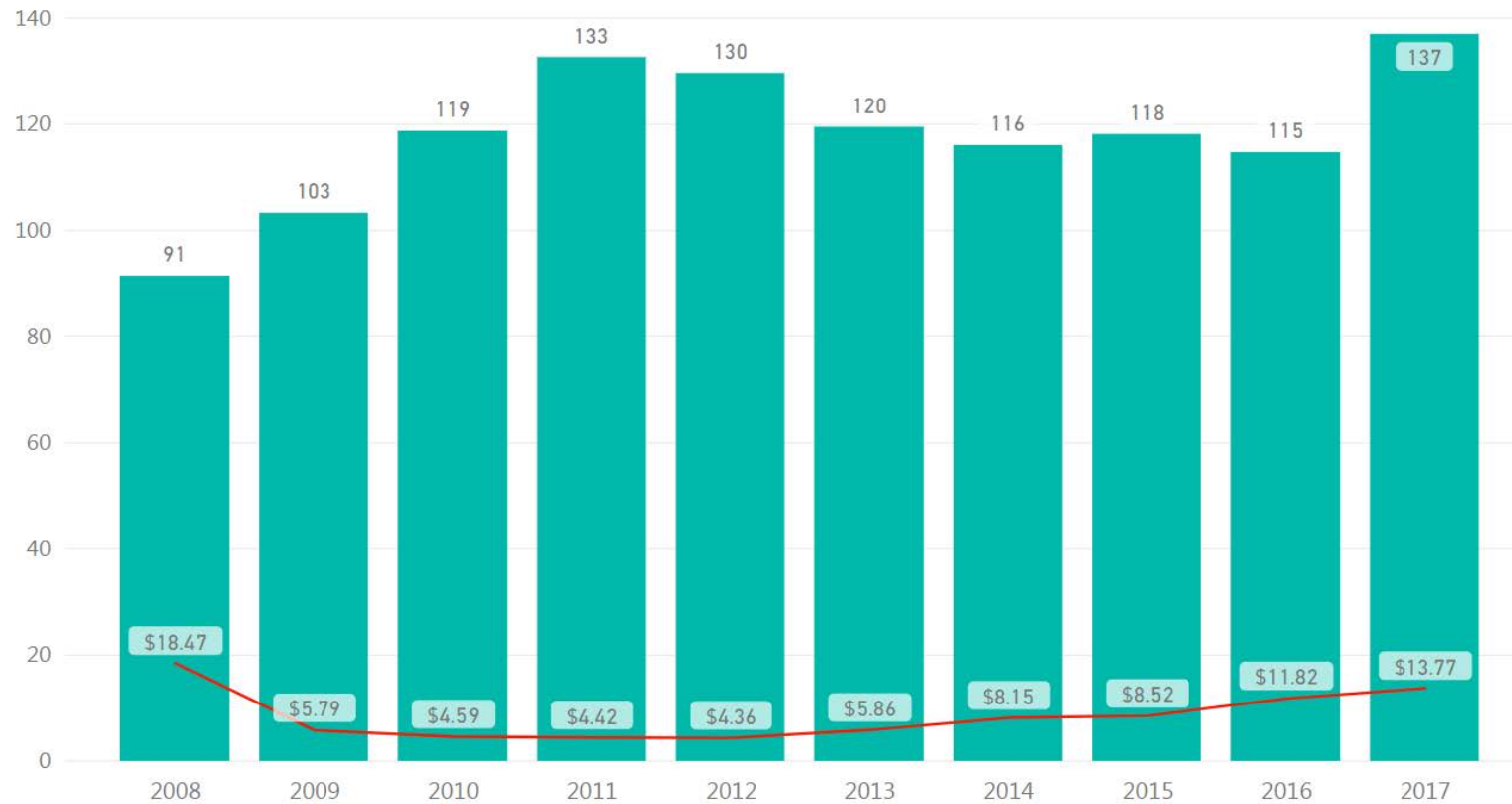
● Avoidable sawlog and Y grade M3/HA ● Cut Control M3/HA Total av and unav



Cut Control M3/Ha vs Rate

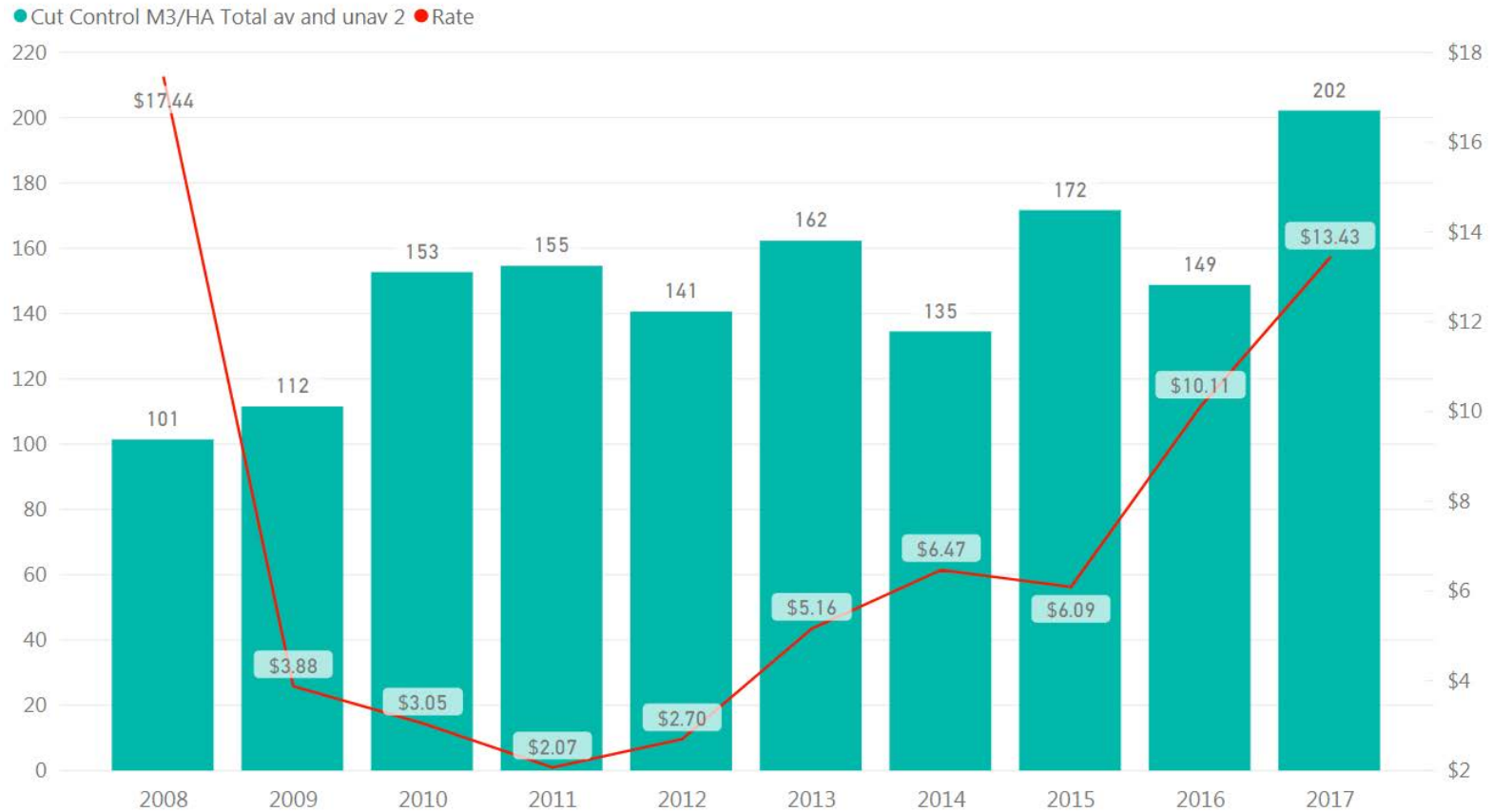
Cut Control Average m3/ha vs Coastal Average Stumpage Rate

● Cut Control M3/HA Total av and unav 2 ● Rate

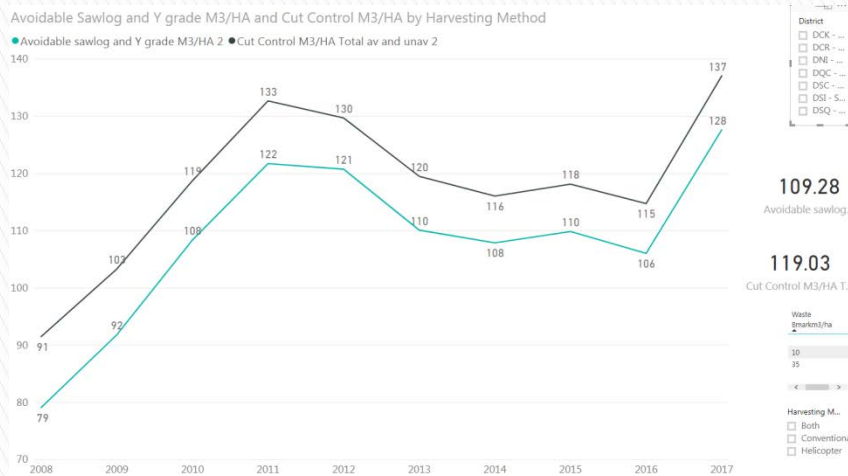


Cut Control M3/Ha vs Rate – NICC

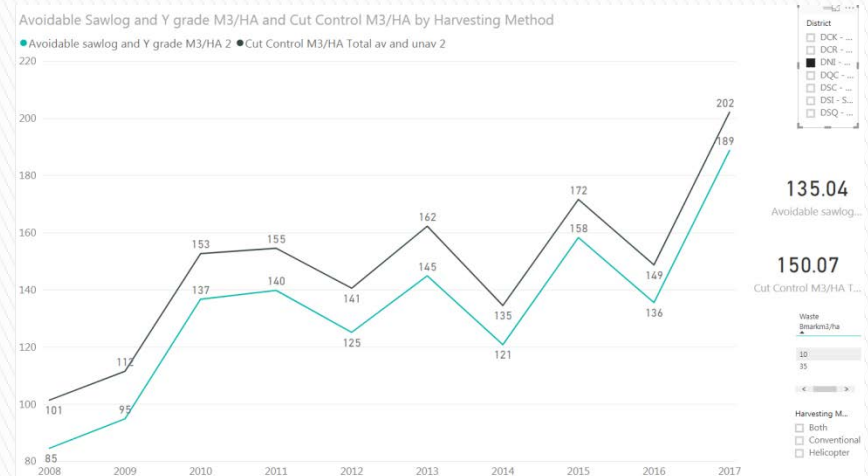
Cut Control Average m3/ha vs Coastal Average Stumpage Rate



Average M3 /Ha Comparison



Coastal Average m3/ha



NICC Average m3/ha

Comparison – Coast vs NICC

- ▶ All Methods – 119 m³/ha
 - 2ndG – 68 m³/ha
 - OG – 150 m³/ha
- ▶ Helicopter – 275 m³/ha
 - 2ndG – 261 m³/ha
 - OG – 278 m³/ha
- ▶ Conventional – 95 m³/ha
 - 2ndG – 66 m³/ha
 - OG – 119 m³/ha
- ▶ All Methods – 150 m³/ha
 - 2ndG – 80m³/ha
 - OG – 166 m³/ha
- ▶ Helicopter – 302m³/ha
 - 2ndG – 634m³/ha*
 - OG – 297 m³/ha
- ▶ Conventional–110 m³/ha
 - 2ndG – 80 m³/ha
 - OG – 123 m³/ha

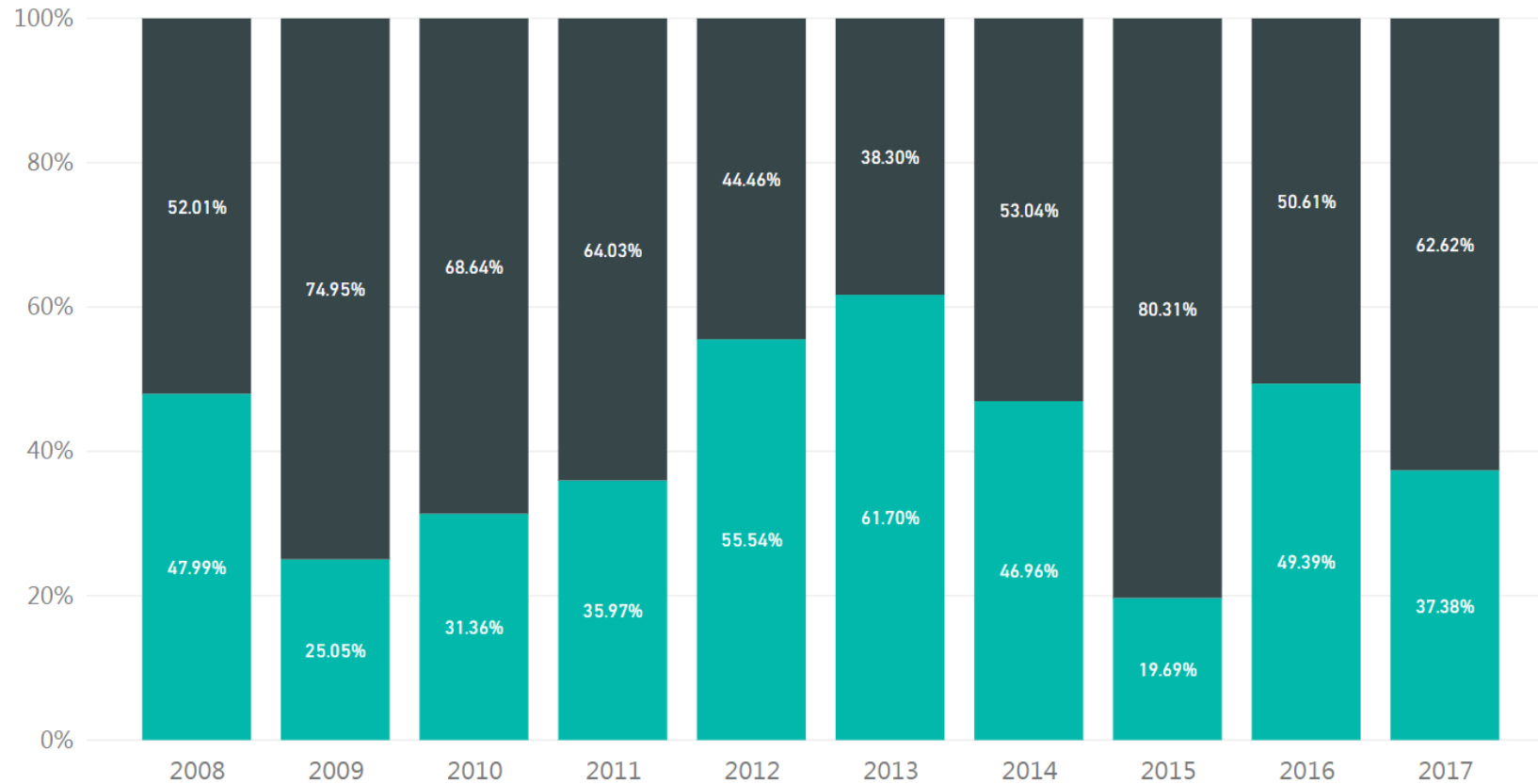
Coastal Average M³/Ha

DNI Average M³/Ha

NICC TSA vs TFL

Cut Control Volume (m3) Billed by Year and TSA or TFL

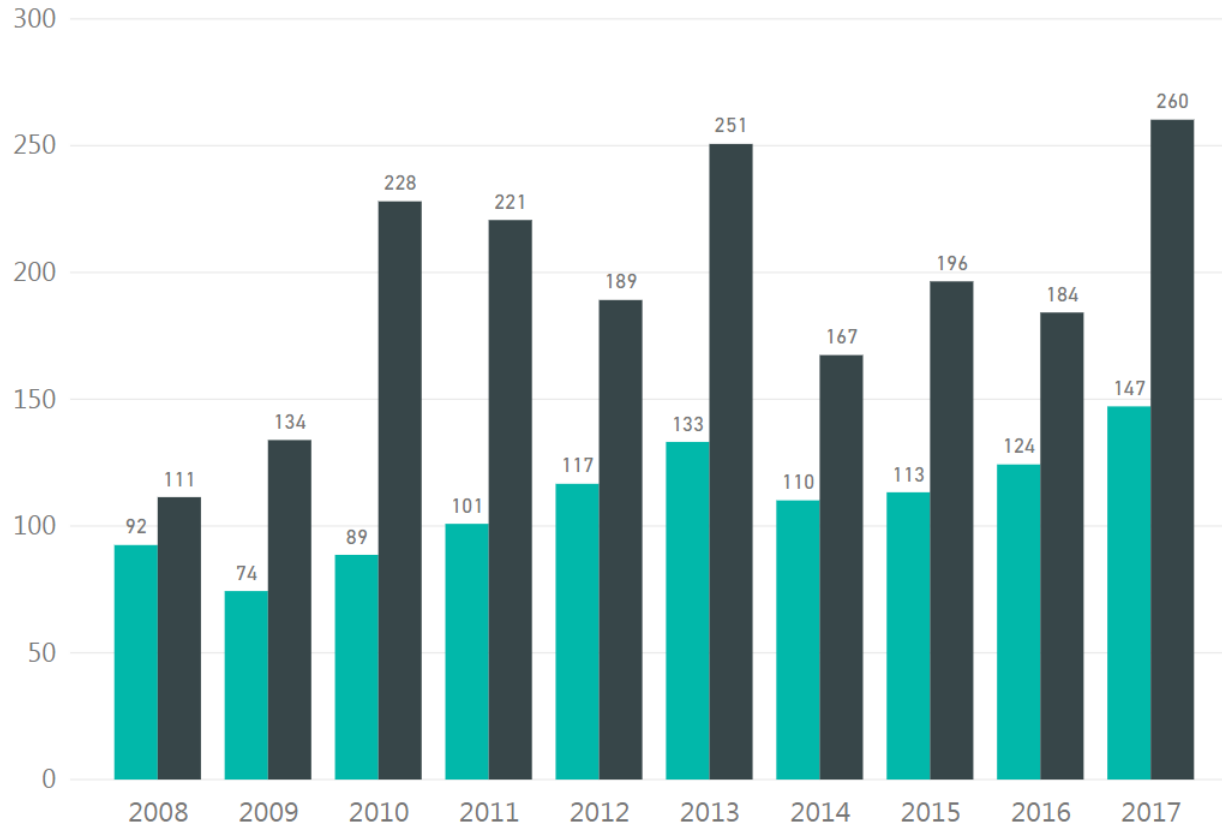
TSA or TFL ● TFL ● TSA



NICC TSA vs TFL

DNI Cut Control M3/HA - TSA vs TFL

TSA or TFL ●TFL ●TSA



150.07

Cut Control M3/HA...

TSA or...

- ☐ TFL
- ☐ TSA

Harvesting Met...

- ☐ Both
- ☐ Conventional
- ☐ Helicopter

Waste Bmark...

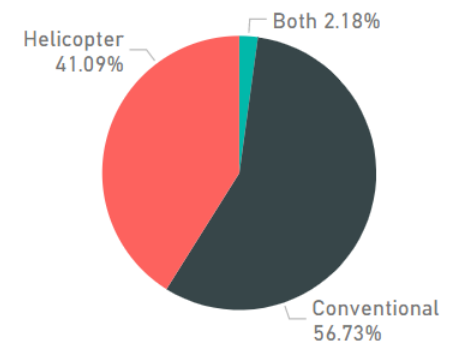
- ☐ 35
- ☐ 31
- ☐ 30
- ☐ 26
- ☐ 10

VI or ML

- ☐ ML
- ☐ VI

3778

Count of RU #



Comparison

- ▶ All Methods – 196 m³/ha
 - 2ndG – 97m³/ha
 - OG – 194 m³/ha
- ▶ Helicopter – 300 m³/ha
 - 2ndG – 634 m³/ha*
 - OG – 290 m³/ha
- ▶ Conventional–132 m³/ha
 - 2ndG – 96 m³/ha
 - OG – 138 m³/ha

TSA Average M³/Ha

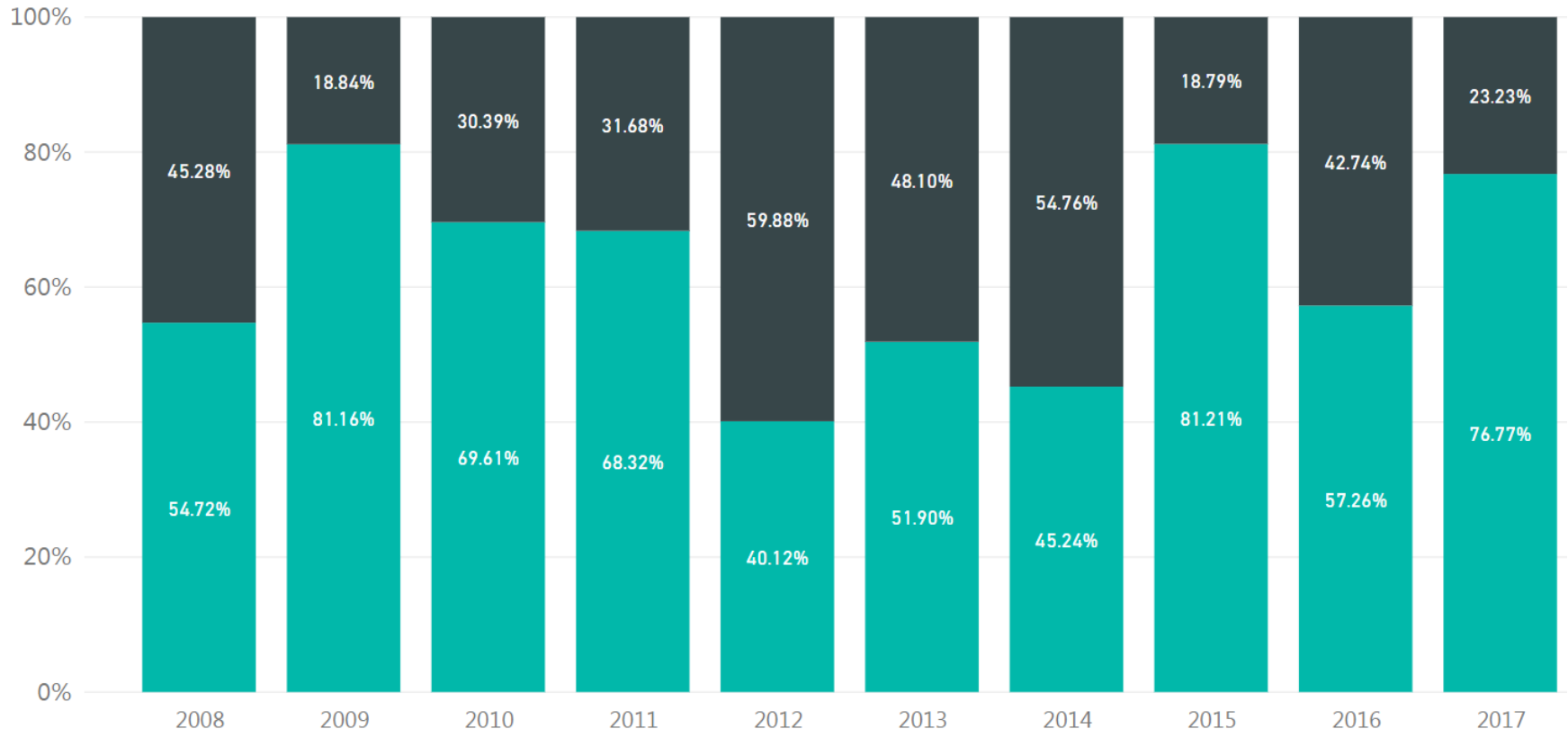
- ▶ All Methods – 114 m³/ha
 - 2ndG – 77m³/ha
 - OG – 137 m³/ha
- ▶ Helicopter* – 310m³/ha
 - 2ndG – n/a
 - OG – 332 m³/ha
- ▶ Conventional– 98 m³/ha
 - 2ndG – 77m³/ha
 - OG – 113 m³/ha

TFL Average M³/Ha

NICC Vancouver Island vs Mainland

DNI Cut Control Volume (m3) Billed by Year on Vancouver Island vs Mainland

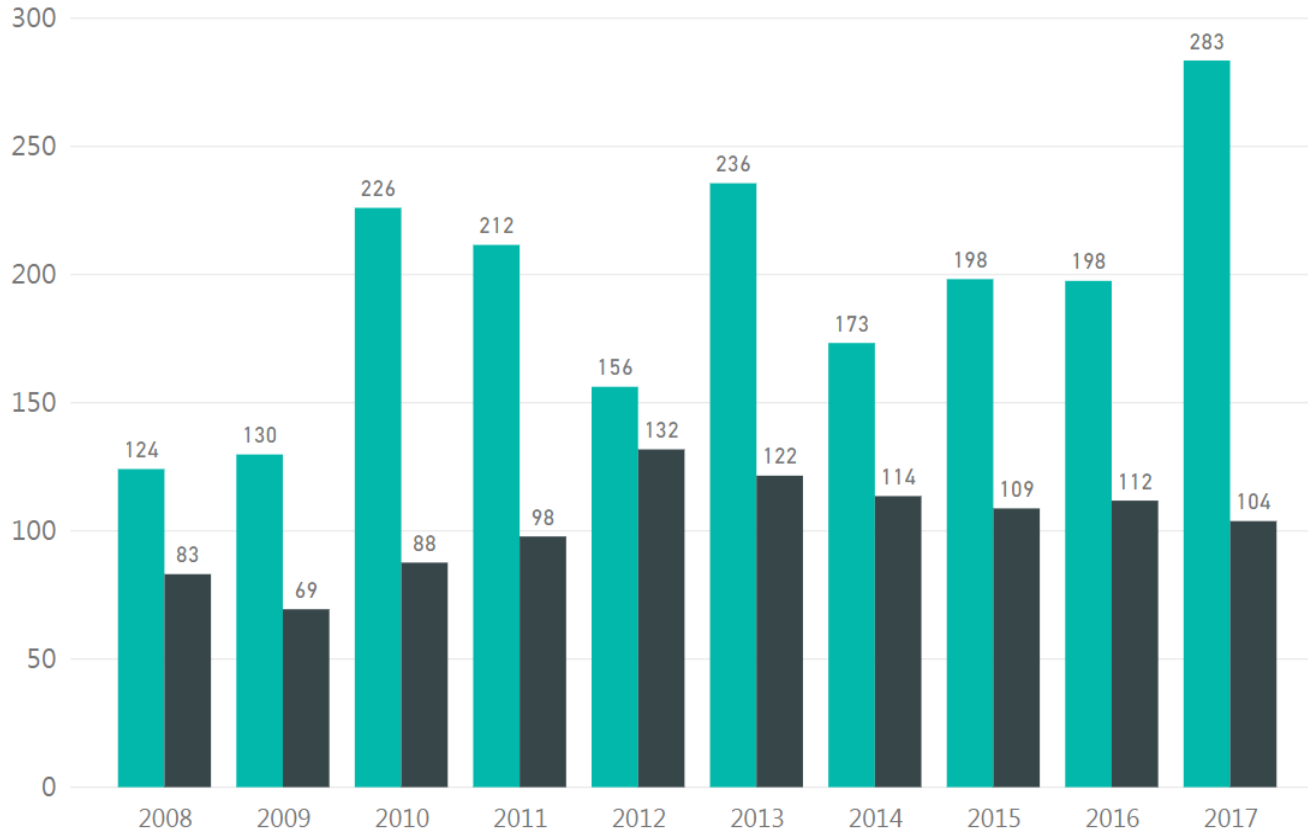
VI or ML ● ML ● VI



NICC Vancouver Island vs Mainland

DNI Cut Control Average m3/ha on Vancouver Island vs Mainland

VI or ML ● ML ● VI



147.52

Cut Control M3/HA...

Waste Bmarkm3/ha
35

Harvesting Method

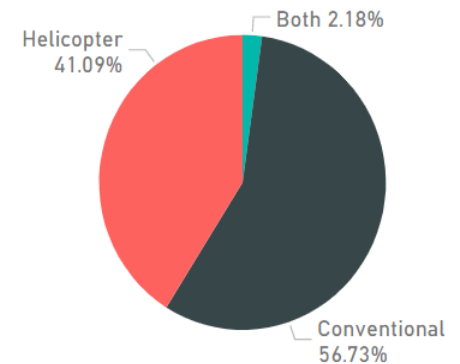
- ☐ Both
- ☐ Conventional
- ☐ Helicopter

VI or ML

- ☐ ML
- ☐ VI

3778

Count of RU #



Comparison

- ▶ All Methods – 104 m³/ha
 - 2ndG – 76 m³/ha
 - OG – 119 m³/ha
- ▶ Helicopter* – 262 m³/ha
 - 2ndG – n/a
 - OG – 262 m³/ha
- ▶ Conventional–98 m³/ha
 - 2ndG – 76 m³/ha
 - OG – 110 m³/ha

VI Average M³/Ha

- ▶ All Methods – 196 m³/ha
 - 2ndG – 90 m³/ha
 - OG – 204 m³/ha
- ▶ Helicopter* – 288 m³/ha
 - 2ndG – 634 m³/ha*
 - OG – 294 m³/ha
- ▶ Conventional–131 m³/ha
 - 2ndG – 89 m³/ha
 - OG – 142 m³/ha

ML Average M³/Ha

Questions?

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