

# The Waikato's carbon footprint 2018/19

## Summary inventory



**Climate**  
Āhuarangi

*Because we want a better tomorrow*

Knowing the region's carbon footprint opens the opportunity for dialogue about coordinated action to reduce emissions. Currently, the region has an aspirational goal as part of the Waikato Wellbeing Project to reduce carbon emissions by a minimum of 25 per cent by 2030 (from 2017) on the path to net zero carbon by 2050.

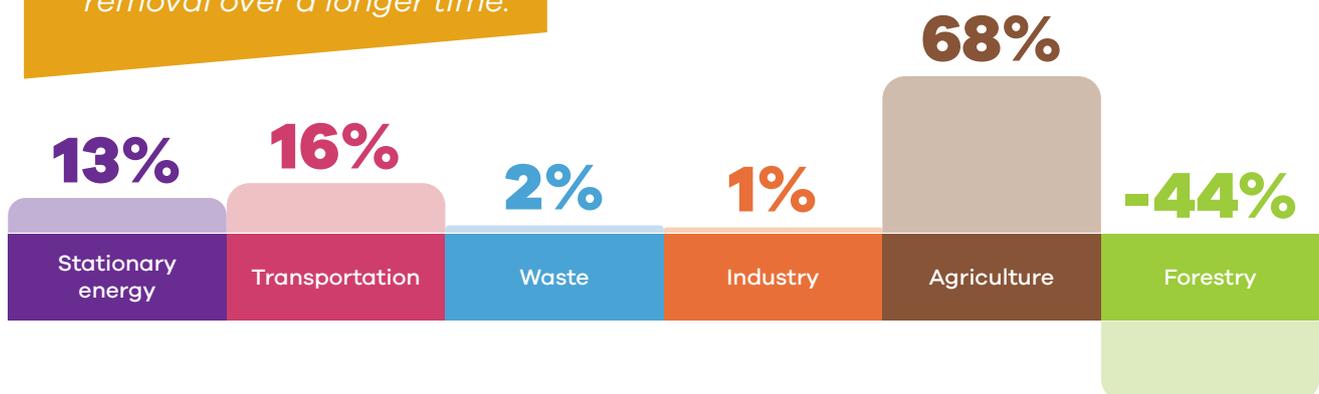
This summary inventory gives an understanding of the emissions generated by the Waikato as a whole, and individually by the districts. The insights can then be used for coordinated action in areas such as agriculture, transportation or waste – including developing climate action plans and setting reduction targets.

Over time, emissions inventories will assist with comparing emission trends and tracking progress. They will be a valuable tool within the context of multi-year carbon budget allocations that New Zealand will apply.

*The emissions profile shows the region needs to focus its efforts on reducing transport and agricultural emissions while planting more native trees to increase carbon removal over a longer time.*

### Waikato emissions in 2018/19

 Gross emissions	<b>12,646,982t CO<sub>2</sub>e</b>
 Less forestry	<b>-5,530,909t CO<sub>2</sub>e</b>
 Net emissions	<b>7,116,073t CO<sub>2</sub>e</b>



### Changes since 2015/16 (baseline year)

Stationary energy		<b>+8.41%</b>	Industry		<b>+1.22%</b>
Transportation		<b>+32.27%</b>	Agriculture		<b>-4.20%</b>
Waste		<b>+3.81%</b>	Forestry		<b>-1.81%</b>

*Agricultural emissions have decreased primarily due to a decrease in dairy stock.*

# Emissions profiles by district

*Taupō and Thames-Coromandel districts are in carbon credit due to high levels of forestry*

t CO <sub>2e</sub>	Waikato region (2018/19)	Hamilton City 2018/19	Hauraki 2018/19	Matamata-Piako 2018/19	Ōtorohanga 2018/19	South Waikato 2018/19	Taupō 2018/19	Thames-Coromandel 2018/19	Waikato district 2018/19	Waitomo 2018/19	Waipā 2018/19
Stationary energy	<b>1,601,427</b>	277,392	35,802	133,351	18,448	422,036	71,704	53,937	450,305	35,616	102,836
Transportation	<b>2,001,658</b>	635,615	110,175	131,961	47,349	96,952	161,673	235,486	297,225	76,871	208,351
Waste	<b>291,708</b>	30,999	3,843	6,596	21,567	35,097	80,874	12,247	47,438	19,661	33,386
Industry	<b>143,213</b>	50,732	6,285	10,775	3,143	7,512	11,763	9,428	23,914	2,840	16,821
Agriculture	<b>8,608,976</b>	6,257	619,799	1,475,468	838,017	784,720	928,268	183,042	1,721,291	903,761	1,148,353
Forestry	<b>-5,530,909</b>	-752	-42,449	14,318	-62,152	-1,244,246	-2,589,419	-612,004	-350,870	-618,081	-25,254
Total net (incl. forestry)	<b>7,116,073</b>	1,000,243	733,455	1,772,469	866,371	102,072	-1,335,139	-117,864	2,189,304	420,668	1,484,493
Total gross (excl. forestry)	<b>12,646,982</b>	1,000,995	775,904	1,758,151	928,523	1,346,318	1,254,281	494,140	2,540,173	1,038,750	1,509,747