

# Winery Water Report

## Winery Summary

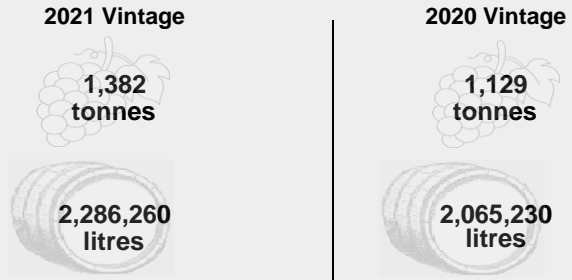
Vintage	2021
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## How does this affect me?

The California Sustainable Winegrowing Alliance has published an excellent handbook on winery water management  
<http://tinyurl.com/znu3bbb>

There are also numerous resources on the NZWine website, including this comprehensive guide on water use in wineries  
<https://tinyurl.com/winery-water-resources>

## 1 Quantity of production and winery water use



2021 Vintage	2020 Vintage
2,538	2,074
1.1	1.0
1,840	1,840
kL or m <sup>3</sup> /year	L/L wine
L/t grapes	

Water data entered into WiSE



Data included in analysis

(Anticipated range is 0.01-15 L/L wine)

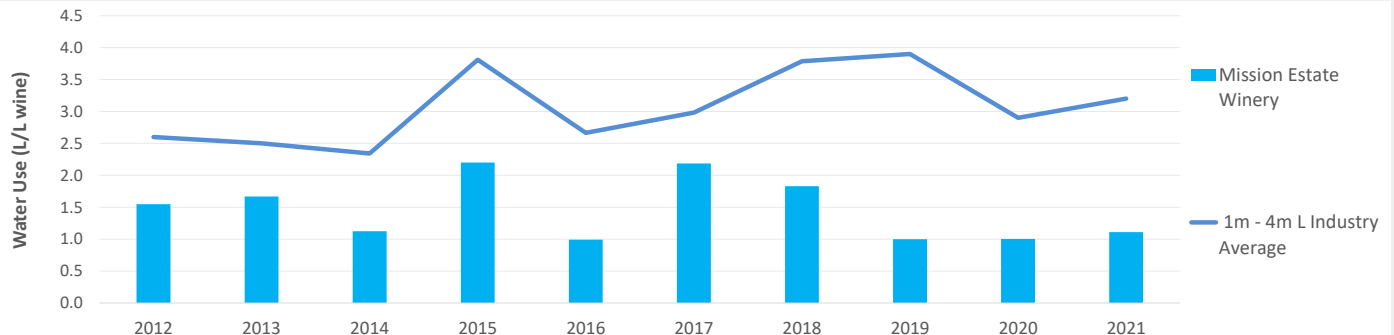


## 2 Winery Comparisons by Production Volume: 1m - 4m L

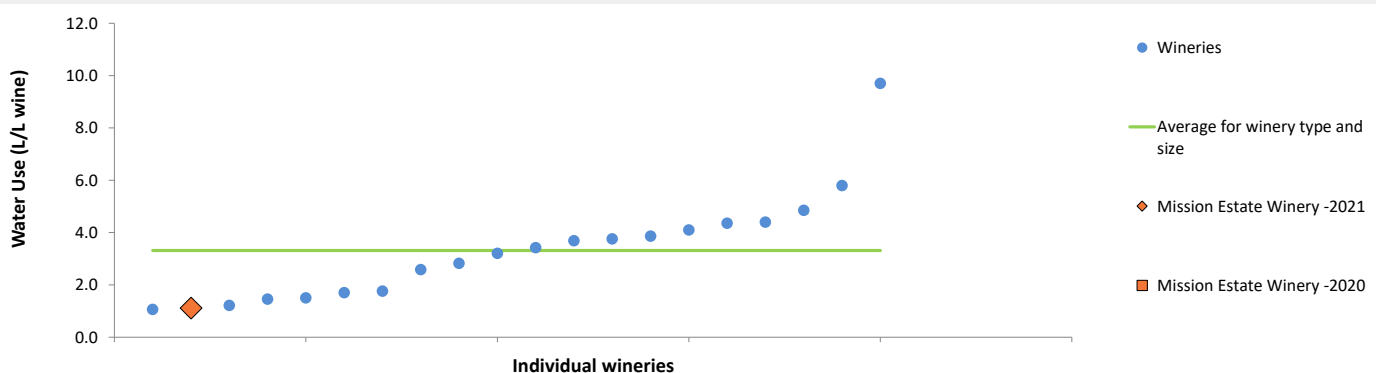
Your winery water use (L/L wine)	1.1
Winery average water use for 1m - 4m L of production (L/L wine)	3.3



## 3 Historical Winery Average Water Use by Production Volume: 1m - 4m L



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



Prepared by:  
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6/09/2021 Version: WineryReports2021

**AGRILINK**

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# Winery Water Report

## Winery Summary

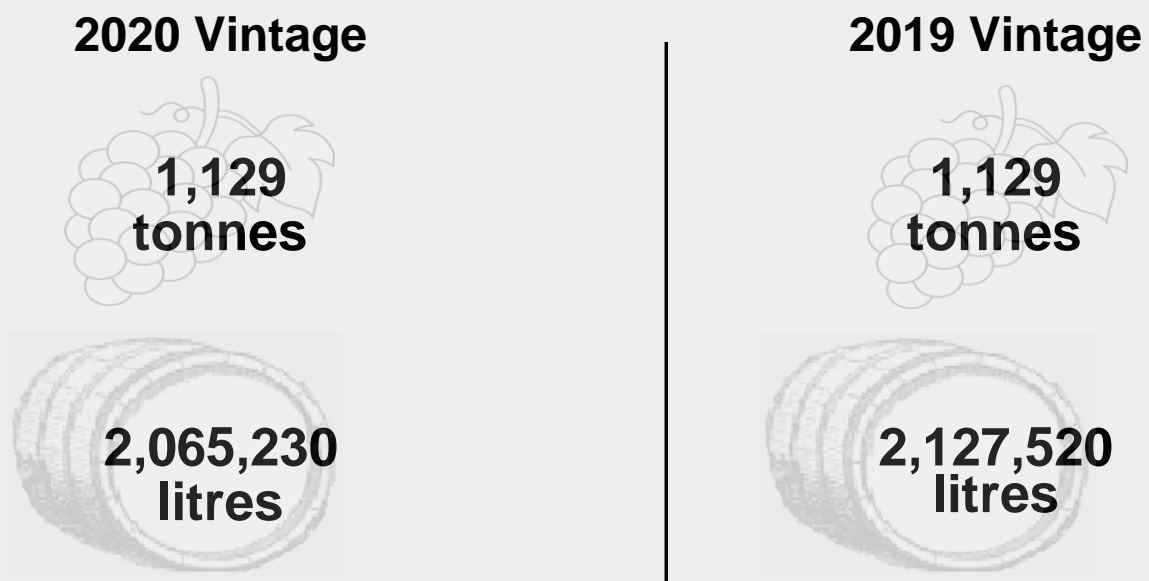
Vintage	2020
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## How does this affect me?

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There are also numerous resources on the NZWine website, including this comprehensive guide on water use in wineries  
<https://tinyurl.com/winery-water>

## 1 Quantity of production and winery water use



2020 Vintage		2019 Vintage
2,074	kL or m <sup>3</sup> /year	2,124
1.0	L/L wine	1.0
1,840	L/t grapes	1,880

Water data entered into WiSE



Data included in analysis

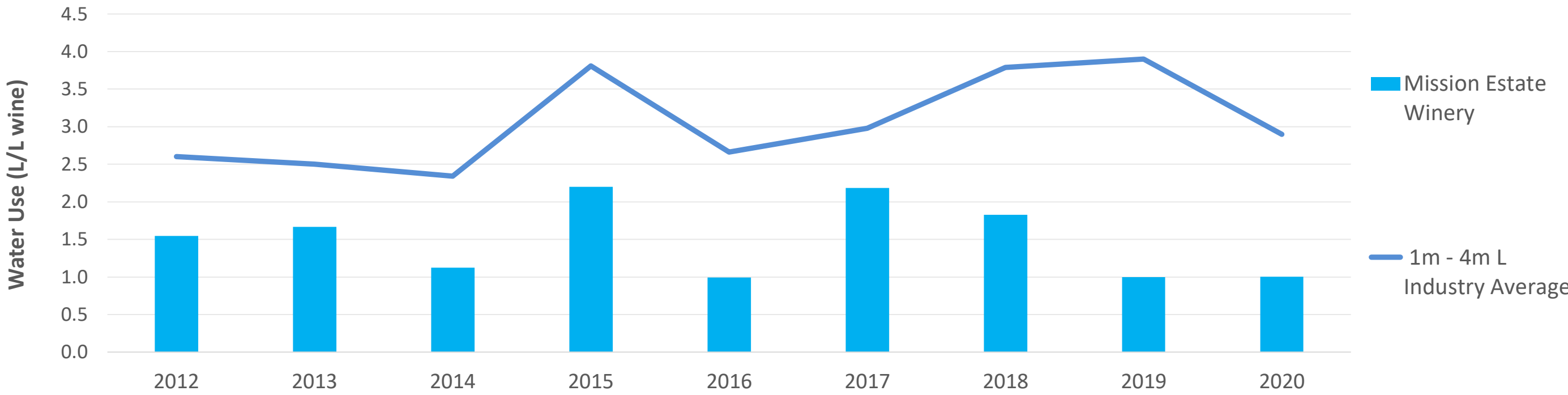
(Anticipated range is 0.01-15 L/L wine)



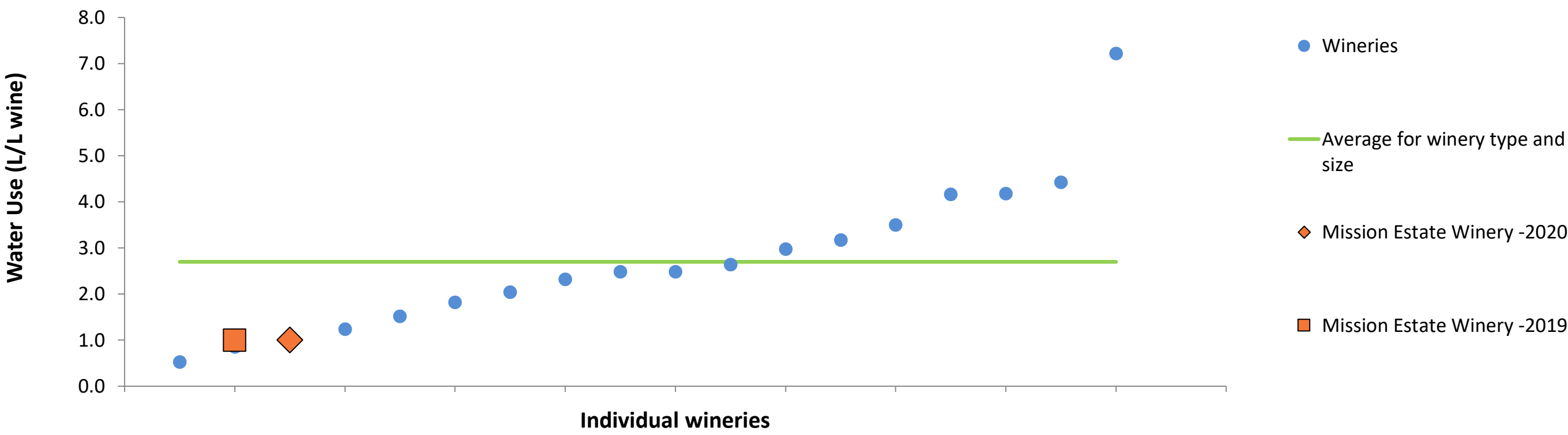
## 2 Winery Comparisons by Production Volume: 1m - 4m L



## 3 Historical Winery Average Water Use by Production Volume: 1m - 4m L



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



Prepared by:  
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# Winery Water Report

## Winery Summary

Vintage	2019
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## How does this affect me?

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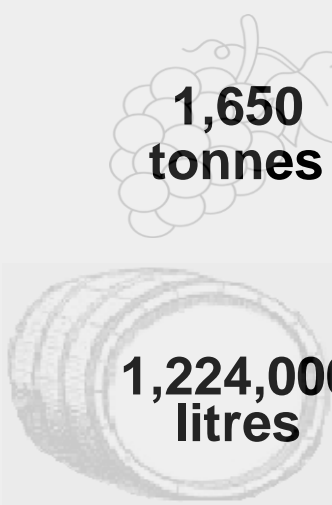
The recently launched SWNZ Continuous Improvement programme gives members the opportunity to be recognised for sustainability achievements over and above the baseline. You can dip into the water module here <https://tinyurl.com/y99fvet4>

## 1 Quantity of production and winery water use

### 2019 Vintage



### 2018 Vintage



### 2019 Vintage

### 2018 Vintage

-	kL or m <sup>3</sup> /year	2,238
-	L/L wine	1.8
-	L/t grapes	1,360

Water data entered into WiSE



Data included in analysis

(Anticipated range is 0.01-15 L/L wine)



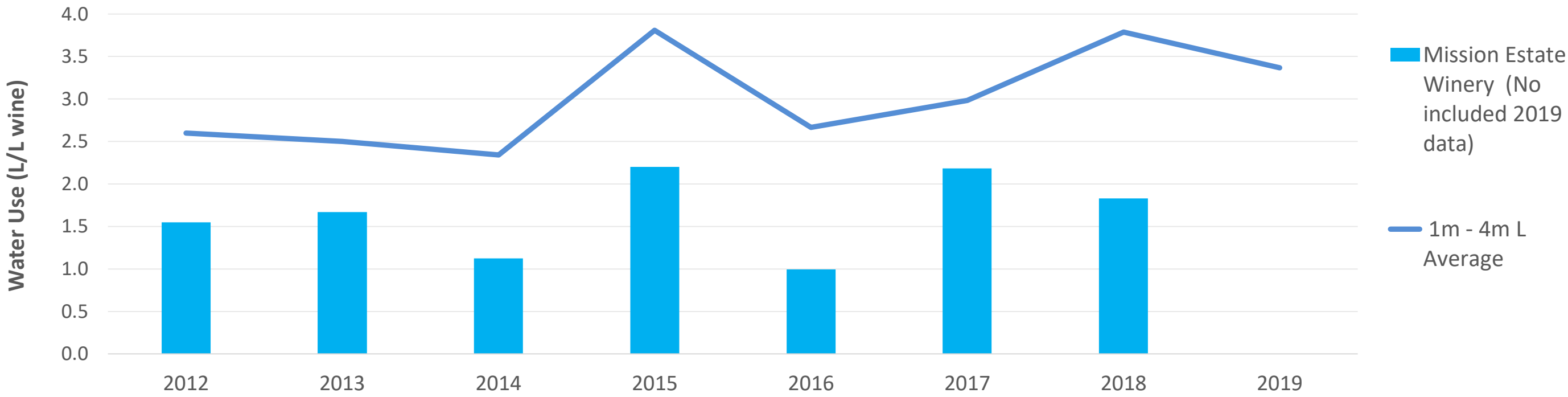
## 2 Winery Comparisons by Production Volume: 1m - 4m L

Your winery water use (L/L wine) -

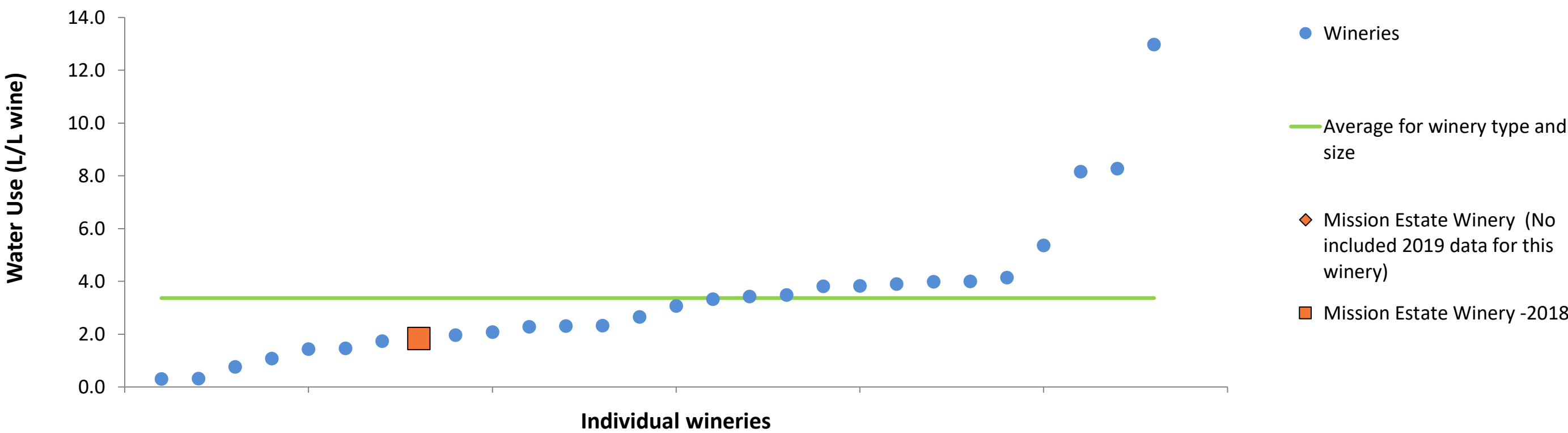
Winery average water use for 1m - 4m L of production (L/L wine) 3.4



## 3 Historical Winery Average Water Use by Production Volume: 1m - 4m L



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



Prepared by:  
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# Winery Water Report

## Winery Summary

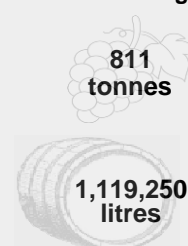
Vintage	2018
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## 1 Quantity of production and winery water use

### 2018 Vintage



### 2017 Vintage



## How does this affect me?

The California Sustainable Winegrowing Alliance has published an excellent handbook on winery water management

<http://tinyurl.com/znu3bbb>

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### 2018 Vintage

2,238

kL or m<sup>3</sup>/year

### 2017 Vintage

2,445

1.8

L/L wine

2.2

1,360

L/t grapes

3,010

Water data entered into WiSE



Data included in analysis

(Anticipated range is 0.5-15 L/L wine)

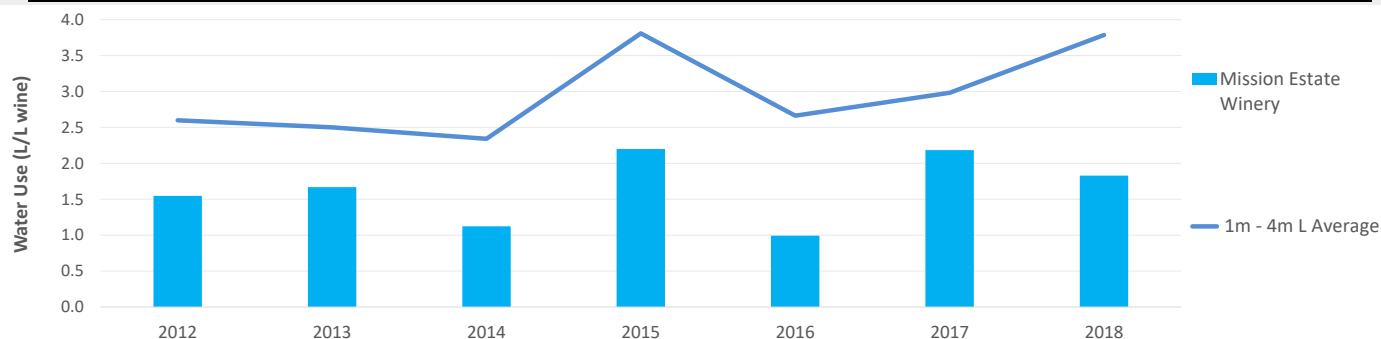


## 2 Winery Comparisons by Production Volume: 1m - 4m L

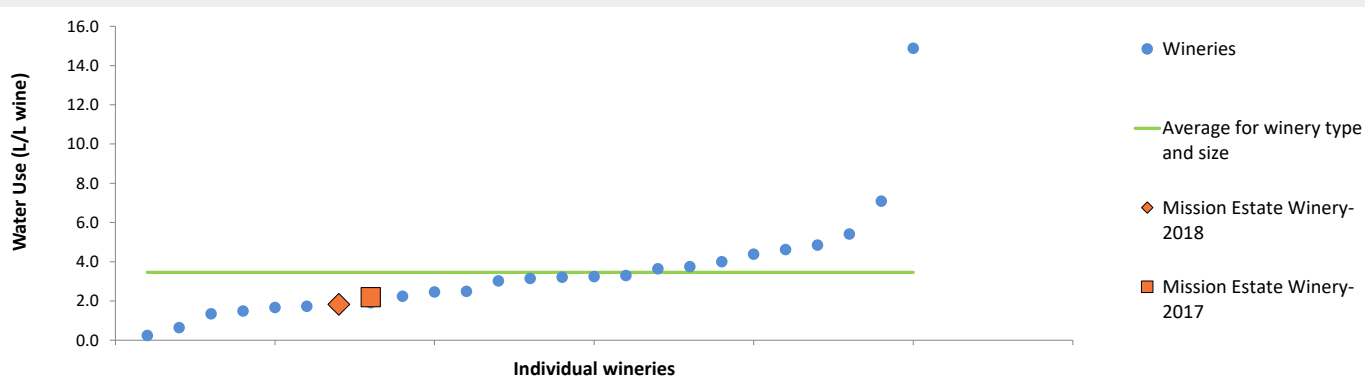
Your winery water use (L/L wine) 1.8

Winery average water use for 1m - 4m L of production (L/L wine) 3.5

## 3 Historical Winery Average Water Use by Production Volume: 1m - 4m L



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



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09-10-18 Version: WineryReports2018 (7)



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# Winery Water Report

## Winery Summary

Vintage	2017
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## How does this affect me?

The California Sustainable Winegrowing Alliance has published an excellent handbook on winery water management  
<http://tinyurl.com/znu3bbb>

The recently launched SWNZ Continuous Improvement programme gives members the opportunity to be recognised for sustainability achievements over and above the baseline. You can dip into the water module here <https://tinyurl.com/y99fvet4>

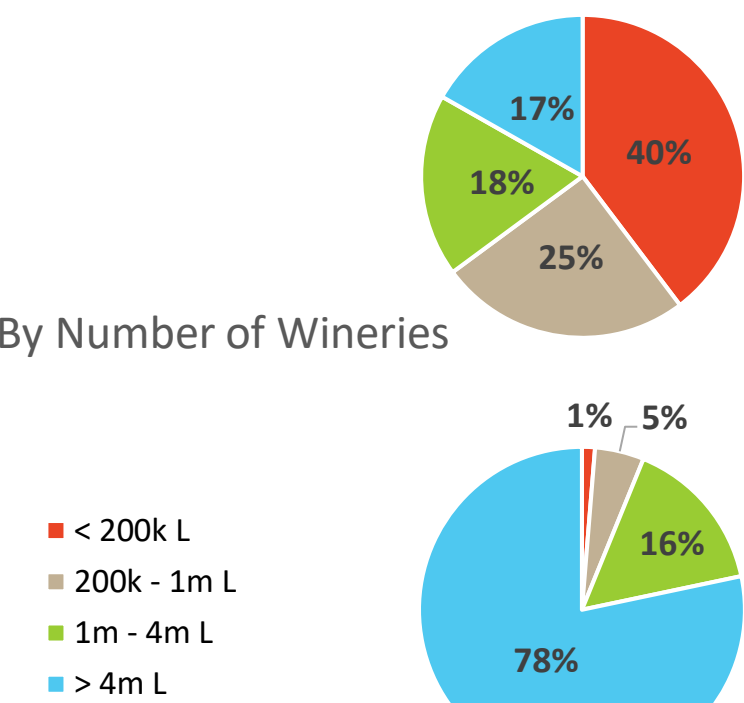
Note we use tiny url's for space reasons. These direct you to the correct web page.

## 2 Winery Comparisons by Production Volume: 1m - 4m L

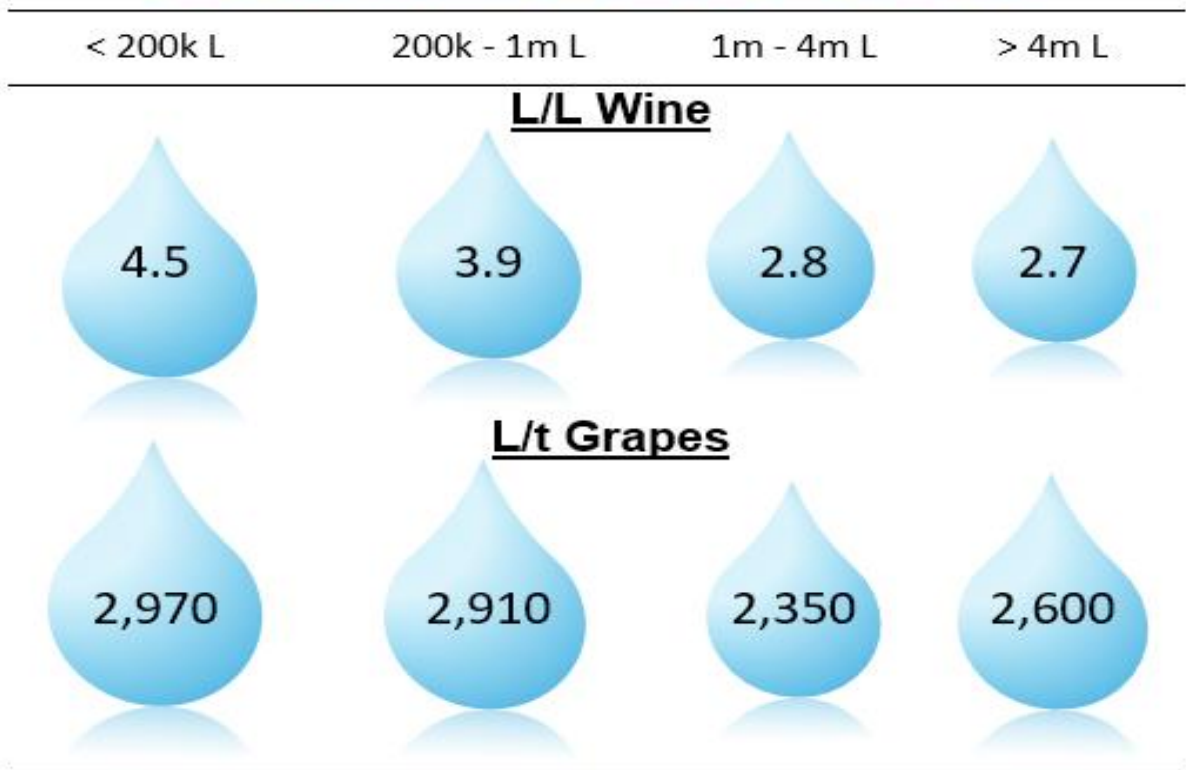
Your winery water use (L/L wine)	2.2	
Winery average water use for 1m - 4m L of production (L/L wine)	2.8	

## 3 Industry Description and Performance by Winery Size

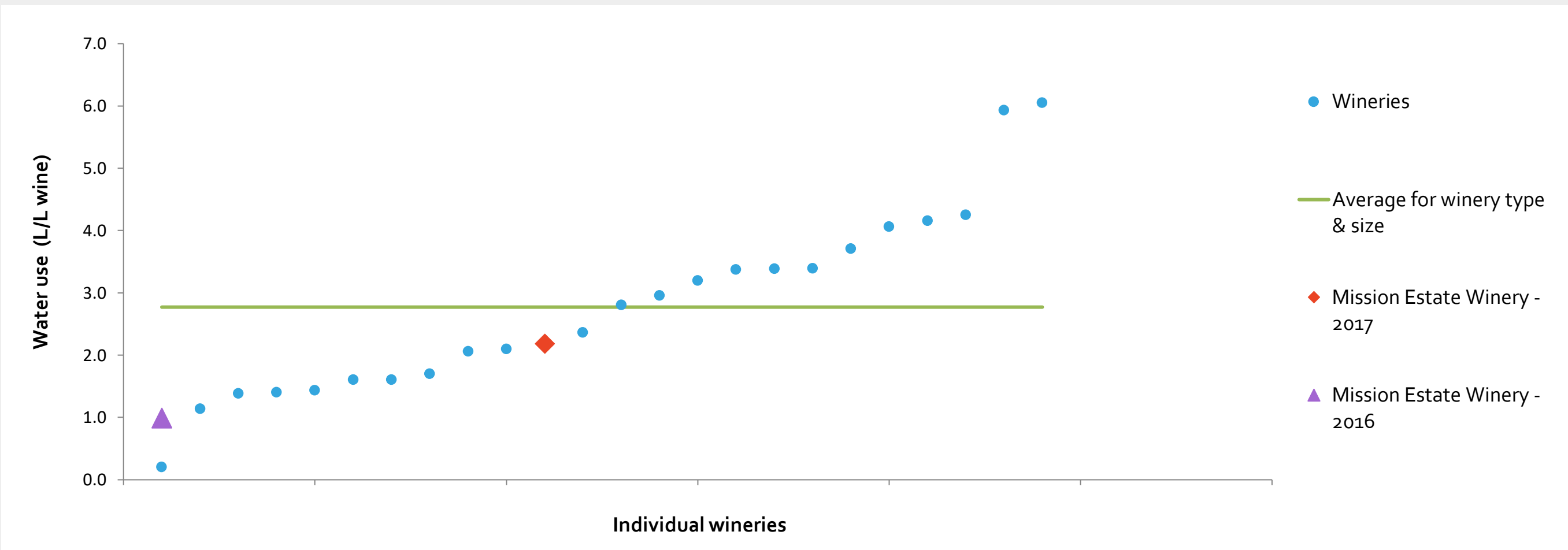
### Distribution of Winery Sizes



### Full Production Wineries Water Use



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



Prepared by:  
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20-11-17

Version: WineryReports2017a



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# Winery Water Report

## Winery Summary

Vintage	2016
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

### How does this affect me?

National water use has dropped since 2011 from 2.6 to 2.5 L/L wine in 2016 after a spike in 2015 to 3.0 L/L.

Large variations between wineries suggests opportunities for improvement.

## 1 Quantity of production and winery water use

### 2016 Vintage



### 2015 Vintage



### 2016 Vintage

1,707

kL or m<sup>3</sup>/year

1.0

L/L wine

1,620

L/t grapes

### 2015 Vintage

1,716

2.2

2,250

## 2 Winery Comparisons by Production Volume: 1m - 4m L

Your winery water use (L/L wine)

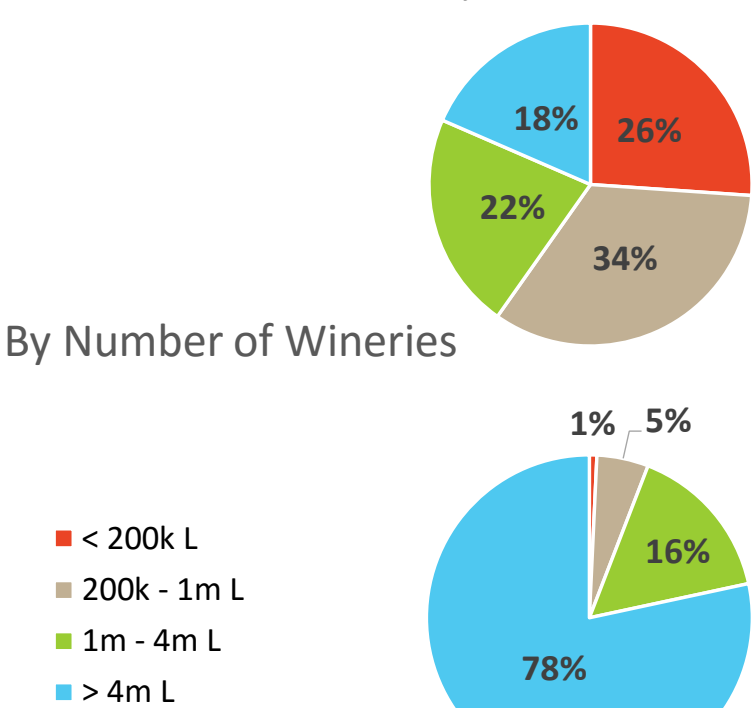
1.0

Winery average water use for 1m - 4m L of production (L/L wine)

2.6

## 3 Industry Description and Performance by Winery Size

### Distribution of Winery Sizes



### Full Production Wineries Water Use

< 200k L      200k - 1m L      1m - 4m L      > 4m L

#### L/L Wine

4.0

4.2

2.6

2.3

#### L/t Grapes

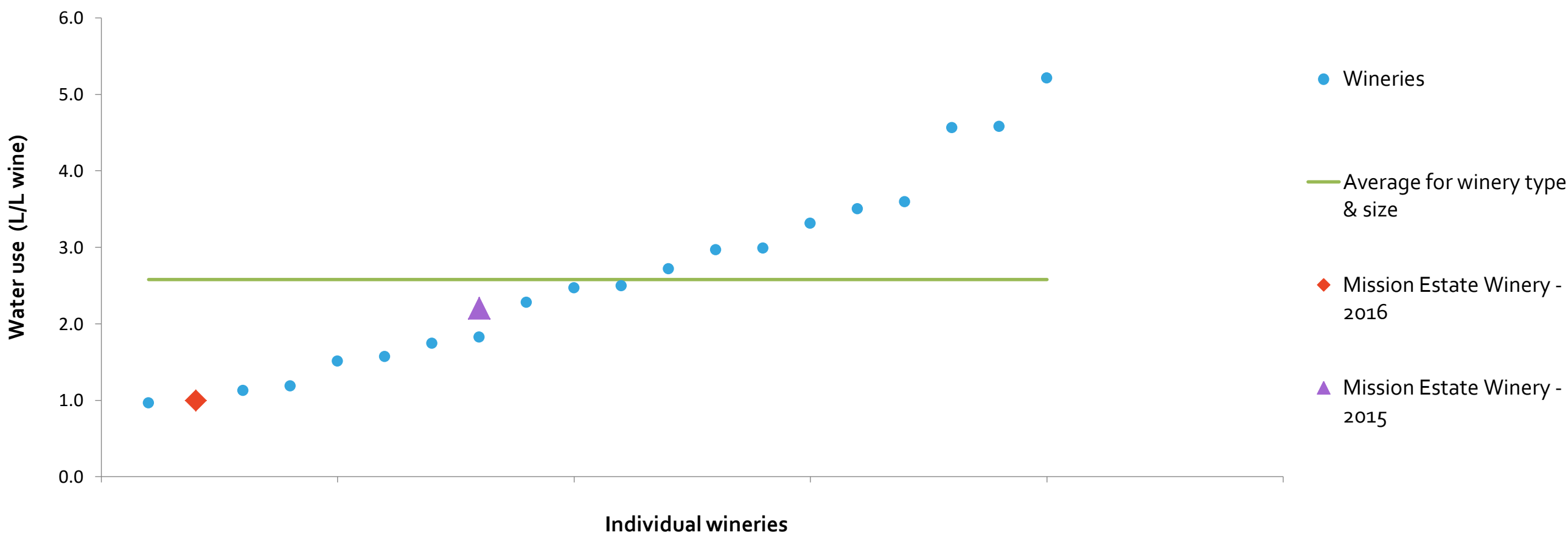
3,830

2,850

1,960

1,830

Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)





# Winery Water Report

## Winery Summary

Vintage	2015
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	200k - 1m L
Region	Hawkes Bay

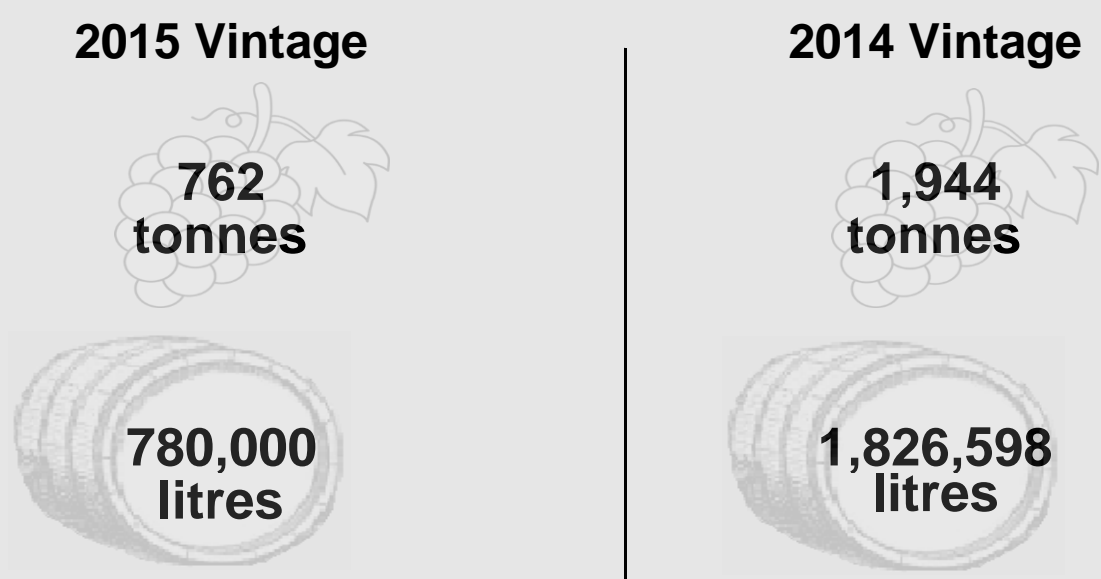
### How does this affect me?

National water use has been slowly dropping since 2011 to 2.1 L/L wine in 2014 before increasing to 3.1 L/L in 2015.

Large variations between wineries suggests opportunities for improvement.

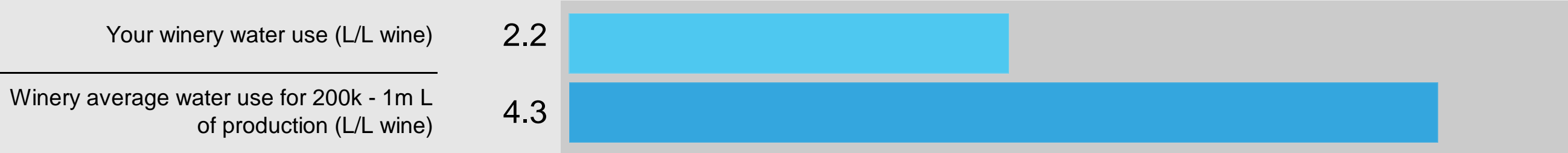
An excellent best practice guide can be found at <http://tinyurl.com/ksvneyh>

## 1 Quantity of production and winery water use



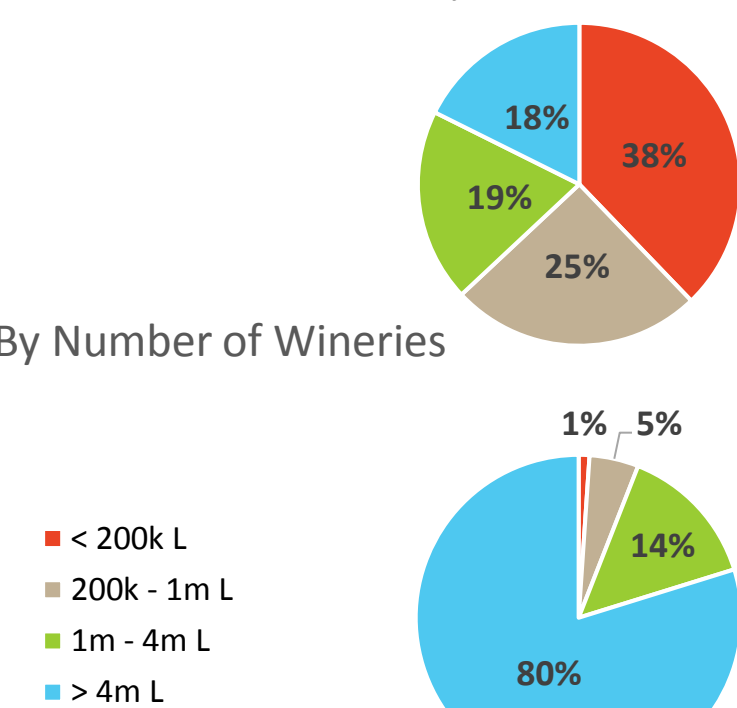
2015 Vintage		2014 Vintage
1,716	kL or m <sup>3</sup> /year	2,052
2.2	L/L wine	1.1
2,250	L/t grapes	1,060

## 2 Winery Comparisons by Production Volume: 200k - 1m L

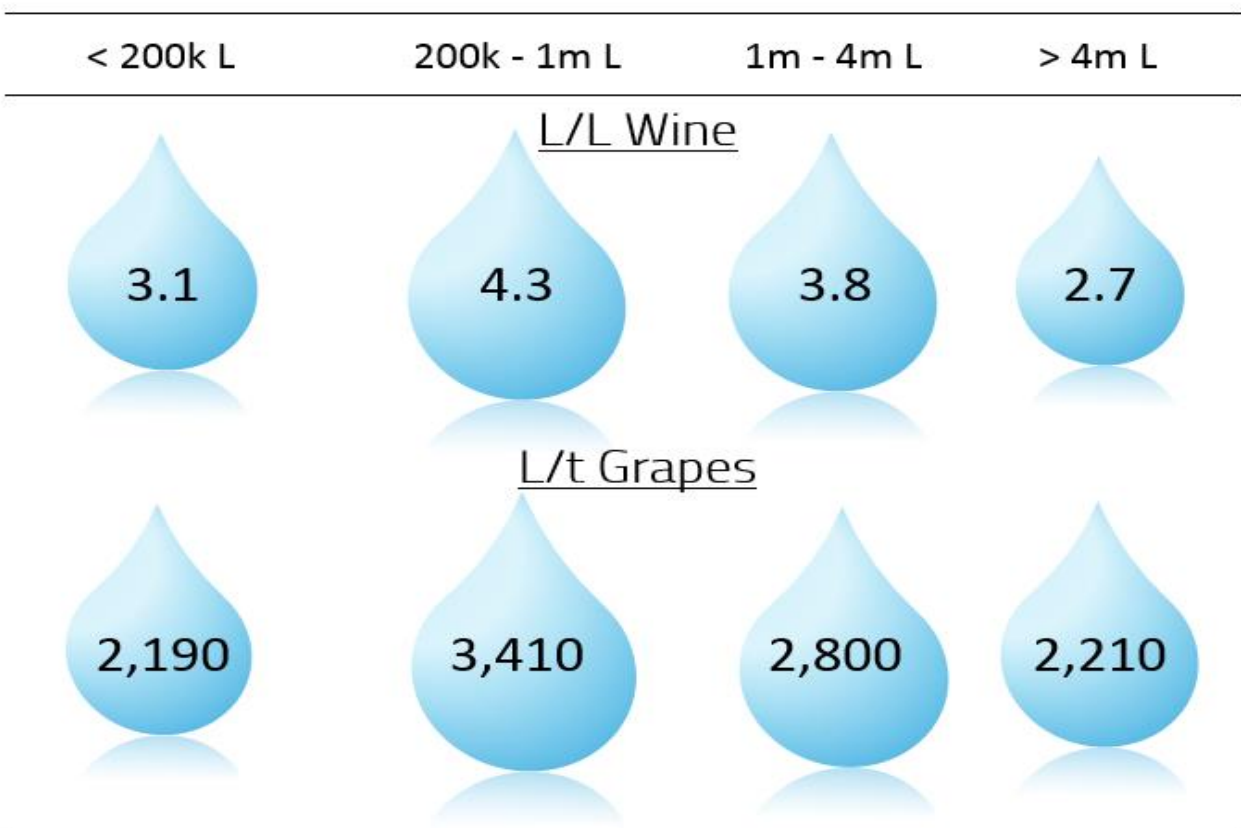


## 3 Industry Description and Performance by Winery Size

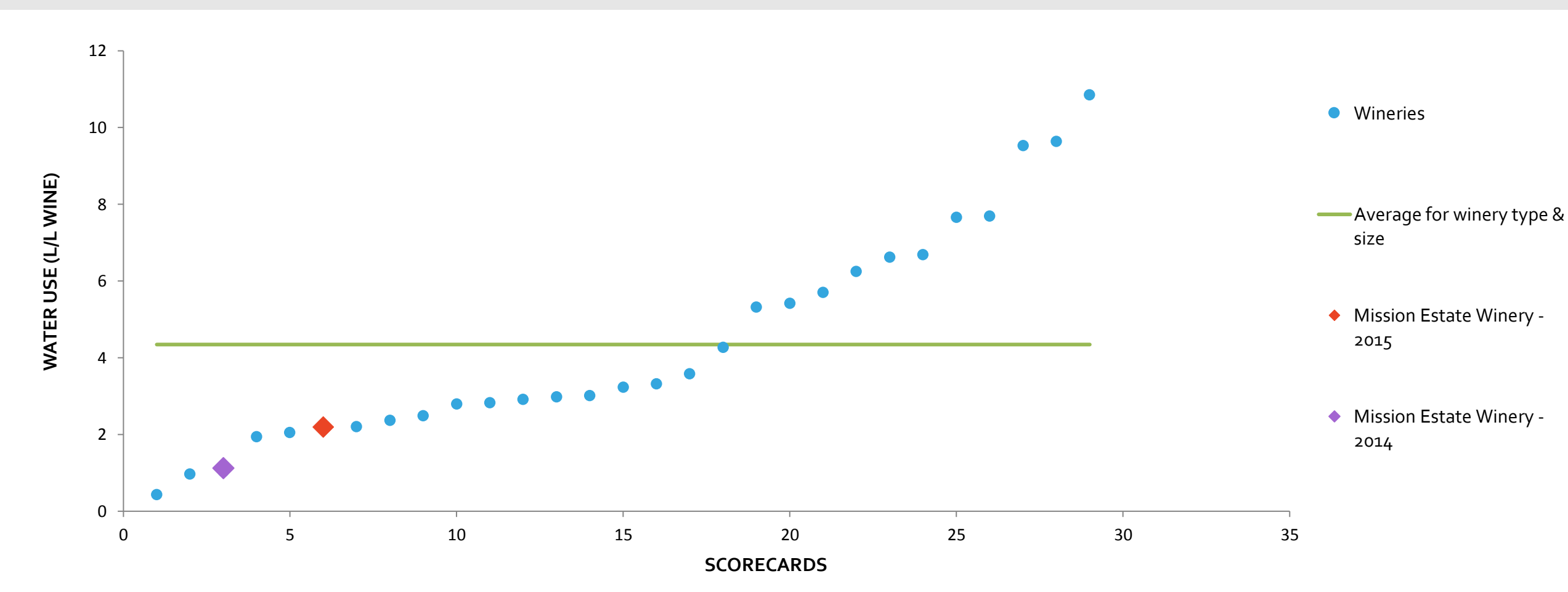
Distribution of Winery Sizes



Full Production Wineries Water Use



Water use (Full Production Wineries) for Winery size of 200k - 1m L (L/L wine)



# Winery Water Report

## Winery Summary

Vintage	2014
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Crush to bottling & Crush to finished wine
Winery size	1m - 4m L
Region	Hawkes Bay

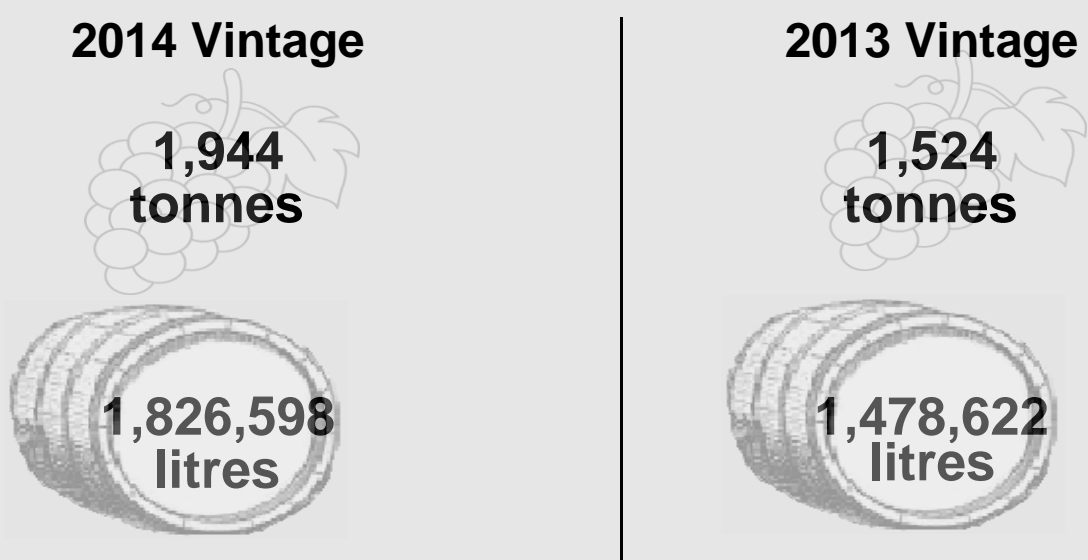
### How does this affect me?

National water use dropped slightly to 2.1 L/L from 2.2 L/L in 2013.

Large variations between wineries suggests opportunities for improvement.

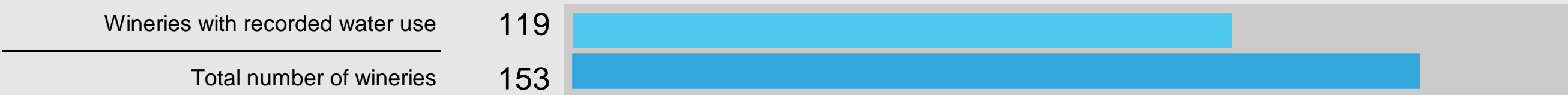
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## 1 Quantity of production and winery water use

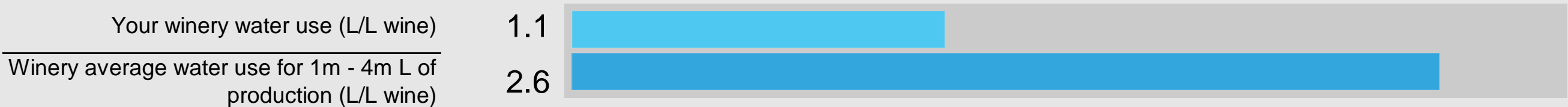


2014 Vintage		2013 Vintage
2,052	kL or m <sup>3</sup> /year	2,468
1.1	L/L wine	1.7
1,060	L/t grapes	1,620

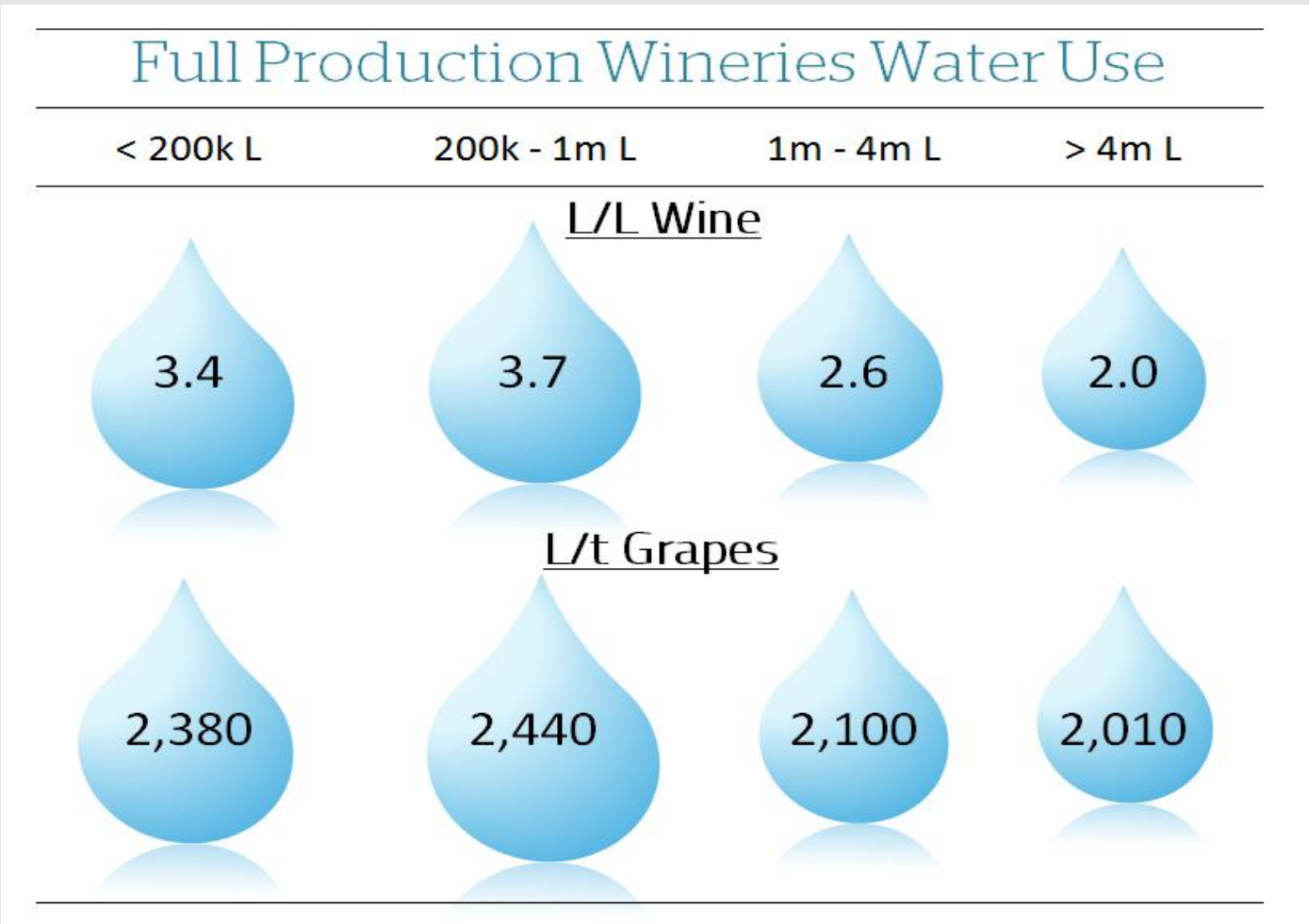
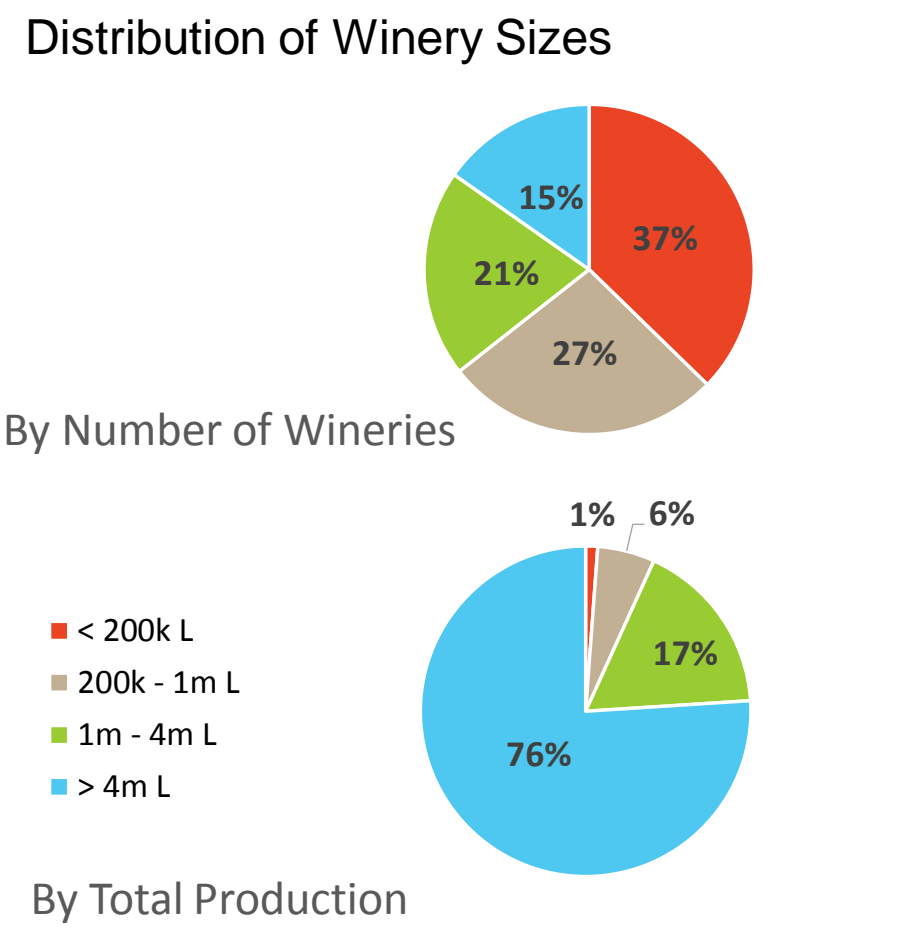
## 2 Number of Full Production Wineries



## 3 Winery Comparisons by Production Type (Full Production) and Volume



## 4 Industry Description and Performance by Winery Size



Water use (Full Production Wineries) for Winery size of 1m - 4m L (L/L wine)

