

SUSTAINABILITY RAW DATA



INITIATIVE	LEVEL	KPI	UNIT	2020	2021	2022	KPI BOUNDARY/DEFINITION
ZERO CARBON	AU	Production Volume	kL	550,985	515,885	536,310	Definition: <i>Volume of product manufactured</i> Boundary: All sites in Australia and New Zealand, including Fermentum Pty Ltd. The following entities are excluded: -Lion Nathan USA -Bells Brewery Inc.
	NZ	Production Volume	kL	155,867	142,196	158,810	
	Australia & New Zealand	Production Volume	kL	706,852	658,081	695,120	
	NBB	Production Volume	kL	111,305	121,546	n/a	
	GROUP	Production Volume	kL	818,157	779,627	695,120	
	AU	Scope 1 emissions	kgCO2e	32,916,449	32,164,329	31,805,313	Definition: <i>Scope 1 emissions as defined by the NGER Act 2007</i> Boundary: All sites in Australia and New Zealand, including Fermentum Pty Ltd. The following entities are excluded: -Lion Nathan USA -Bells Brewery Inc.
	NZ	Scope 1 emissions	kgCO2e	8,744,028	7,568,505	7,842,391	
	Australia & New Zealand	Scope 1 emissions	kgCO2e	41,660,477	39,732,834	39,647,704	
	NBB	Scope 1 emissions	kgCO2e	10,766,685	10,786,228	n/a	
	GROUP	Scope 1 emissions	kgCO2e	52,427,162	50,519,062	39,647,704*	
	AU	Scope 2 emissions	kgCO2e	24,025,959	21,634,897	21,481,506	Definition: <i>Scope 2 emissions calculated using market-based method as per Climate Active Electricity Accounting.</i> Boundary: All sites in Australia and New Zealand, including Fermentum Pty Ltd. The following entities are excluded: -Lion Nathan USA -Bells Brewery Inc.
	NZ	Scope 2 emissions	kgCO2e	2,098,538	2,065,487	2,420,818	
	Australia & New Zealand	Scope 2 emissions	kgCO2e	26,124,497	23,700,384	23,902,324	

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	NBB	Scope 2 emissions	kgCO2e	8,071,735	7,032,277	n/a	
	GROUP	Scope 2 emissions	kgCO2e	34,196,232	30,732,661	23,902,324*	
	AU	GHG emissions intensity	kgCO2e / kL	103.3	104.3	99.36	Definition: GHG emissions intensity = Scope 1 and 2 emissions / Production volume Boundary: All sites in Australia and New Zealand, including Fermentum Pty Ltd. The following entities are excluded: -Lion Nathan USA -Bells Brewery Inc.
	NZ	GHG emissions intensity	kgCO2e / kL	69.6	67.8	64.6	
	Australia & New Zealand	GHG emissions intensity	kgCO2e / kL	95.9	96.4	91.42	
	NBB	GHG emissions intensity	kgCO2e / kL	168.9	146.6	n/a	
	GROUP	GHG emissions intensity	kgCO2e / kL	105.9	96.4	91.42	
	AU	Total water usage	kL	2,202,570	1,996,386	2,107,434	Definition: Water consumed in the manufacturing process. Boundary: All sites in Australia and New Zealand. Irrigation water is excluded,
	NZ	Total water usage	kL	486,379	519,169	508,567	
	Australia & New Zealand	Total water usage	kL	2,688,949	2,515,555	2,616,001	Notes on Castlemaine Brewery water withdrawal: Total water withdrawn from environment 646,235kL Total water discharged to environment 431,550kL Discharge quality: 12,380kg Nitrogen & 1,518kg Phosphorous.
	NBB	Total water usage	kL	455,713	517,013	n/a	
	GROUP	Total water usage	kL	3,144,662	3,032,568	n/a	
Big 4	Water usage intensity	kL / kL	3.84	3.50	3.62*	Definition: Water usage intensity = Total water usage / Total production Boundary: Four major manufacturing sites in Australia and New Zealand (Tooheys, XXXX, Boags and The Pride NZ)	

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INITIATIVE	LEVEL	KPI	UNIT	2020	2021	2022	KPI BOUNDARY/DEFINITION
	Australia & New Zealand	% of renewable electricity used	%	N/A	23	22*	<p>Definition: Electricity from on-site solar and off-site solar, divided by total electricity use across Australia and New Zealand.</p> <p>Boundary: All sites in Australia and New Zealand.</p>
CIRCULAR ECONOMY	Australia & New Zealand	% of recycled content in packaging	%	45-49	52	64*	<p>Definition: Average recycled content in packaging (by weight).</p> <p>Boundary: All major manufacturing sites in Australia and New Zealand (Tooheys, XXXX, James Boag, Little Creatures WA, Little Creatures Geelong, Malt Shovel, Speights, The PRide). Excludes sites in Fermentum Pty Ltd.</p>
WATER STEWARDSHIP	AU	Total water usage	kL	2,202,570	1,996,386	2,107,434	<p>Definition: Water consumed in the manufacturing process.</p> <p>Boundary: All sites in Australia and New Zealand. Irrigation water is excluded,</p>
	NZ	Total water usage	kL	486,379	519,169	508,567	
	Australia & New Zealand	Total water usage	kL	2,688,949	2,515,555	2,616,001	
	GROUP	Water usage intensity	kL / kL	3.84	3.50	3.62*	<p>Definition: Water usage intensity = Total water usage / Total production</p> <p>Boundary: Four major manufacturing sites in Australia and New Zealand (Tooheys, XXXX, Boags and The Pride NZ)</p>
	AU	TRIFR	-	2.26	1.73	6.62	<p>Definition: Total recordable injury frequency rate = Total Recordable Injuries / Worked Hours x 1,000,000</p> <p>Where Total Recordable Injuries = Lost Time Injuries + Medical Treatment Injuries</p>
	NZ	TRIFR	-	3.96	0	3.10	
	Supply Chain	TRIFR	-	3.78	5.63	5.60	

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INITIATIVE	LEVEL	KPI	UNIT	2020	2021	2022	KPI BOUNDARY/DEFINITION
SAFETY	Lion Corporate Functions	TRIFR	-	1.03	0	0	Boundary: All sites in Australia and New Zealand.
	GROUP	TRIFR	-	2.9	2.48	4.27*	
	AU	LTIFR	-	1.50	1.73	3.79	Definition: <i>Lost time injury frequency rate = Total Lost Time Injuries / Worked Hours x 1,000,000</i> Boundary: All sites in Australia and New Zealand.
	NZ	LTIFR	-	2.37	0	3.10	
	Supply Chain	LTIFR	-	1.26	1.69	1.87	
	Lion Corporate Functions	LTIFR	-	1.03	0	0	
	GROUP	LTIFR	-	1.5	1.03	2.13*	

Notes:

* These values have been subject to limited assurance by KPMG for the year ended 31 December 2022

N/A Data not available for 2020 as this was a new metric reported for the first time in 2021

AU Refers to Lion Australia

NZ Refers to Lion New Zealand

NBB Refers to New Belgium Brewing