



WOOLWORTHS HOLDINGS LIMITED

WHL 2017 Carbon Footprint

CARBON FOOTPRINT OVERVIEW

WHL EMISSIONS YEAR ON YEAR

SCOPE 1*	2017 (tCO ₂ e)	2016 (tCO ₂ e)	2015 (tCO ₂ e)
Mobile fuel	1 762	2 098	1 762
Stationary fuel	3 224	2 437	2 816
Air-conditioning and refrigerant gases	43 488	47 364	37 698
SCOPE 2**			
Purchased electricity	460 527	466 896	442 673
SCOPE 3***			
Business travel - flights	3 964	2 953	12 320
Business travel - car rental	125	132	111
Business travel - accommodation	604	562	783
Employee commuting	22 449	21 997	20 876
Contracted solid waste disposal	2 607	2 785	2 590
3rd party distribution	46 305	44 929	40 022
Water	1 167	1 198	597
Office paper	252	242	330
Cardboard packaging	11 206	11 206	8 879
Plastic bags	3 271	3 836	3 598
Fuel and energy related activities	38 547	41 847	39 434
TOTAL SCOPE 1, 2, 3	649 498	660 482	657 965
Fugitive emissions (non-Kyoto)	26 386	34 775	43 476
TOTAL WHL	675 884	695 257	657 965
TOTAL WOOLWORTHS SA	565 699	580 628	551 593
TOTAL COUNTRY ROAD GROUP	14 409	16 427	10 518
TOTAL DAVID JONES	95 777	98 202	95 855

* Emissions from sources owned and controlled by WHL (generators, refrigeration and air-conditioning units)

** Emissions associated with the generation or consumption of electricity

***Emissions from sources not directly owned by WHL but relevant, excluding electricity

INTENSITY FIGURES YEAR ON YEAR

These figures below show WHL progress per unit measure for Scope 1 and 2 emissions only.

This measure is a measure of efficiency; the average emissions should decrease per unit measure over time as we become more efficient.

INTENSITY FIGURES	2017	2016	2015	PROGRESS FROM LAST YEAR
Emissions per full time equivalent employee (tCO ₂ e/FTE*)	12.09	12.56	12.77	▼ 4%
Emissions per square metre GLA** including non-trading area (tCO ₂ e/m ²)	0.24	0.24	0.33	▶ /
Emissions per million turnover (tCO ₂ e/turnover) in rands	7.55	7.98	8.72	▼ 5%

* FTE - Full-time equivalent

** GLA - General letting area

These figures below show our progress per unit measure for Woolworths total emissions.

INTENSITY FIGURES	2017	2016	2015	PROGRESS FROM LAST YEAR
Emissions per full time equivalent employee (tCO ₂ e/FTE)	16.86	17.66	17.96	▼ 5%
Emissions per square metre GLA including non-trading area (tCO ₂ e/m ²)	0.42	0.45	0.46	▼ 7%
Emissions per square metre store/trading GLA (tCO ₂ e/m ²)	0.76	0.81	0.83	▼ 6%
Emissions per million turnover (tCO ₂ e/turnover) in rands	13.61	14.82	15.87	▼ 8%

*During the 2016 verification, it was found that the reported GLA for a number of facilities (dating back to 2007) was under-reported by a factor of 37; this means that our previous intensities were misrepresented.

To find out more about
what we're doing, visit

We appreciate any feedback on our Good Business Journey Report.
Please contact GoodBusinessJourney@woolworths.co.za
