

Carbon and energy data FY2020



	Units	Baseline (1)	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19(2)	FY20	Change		
													Prior Year %	Baseline %	
Scope 1 Direct	Diesel generator, natural gas and refrigerant emissions(3)	tCO2-e	-	-	-	-	-	-	-	433	518	569	482	(15)	-
Scope 2 Indirect	Electricity emissions:	tCO2-e													
	— corporate offices and data centres(4)		49,632	51,941	52,497	46,499	42,389	41,699	38,876	36,322	34,191	30,726	28,459	(7)	(43)
	— base buildings(5)		-	-	-	-	-	1,558	2,188	1,946	1,779	1,596	1,396	(13)	-
	Total electricity emissions(6)		49,632	51,941	52,497	46,499	42,389	43,257	41,064	38,267	35,970	32,322	29,855	(8)	(40)
Scope 3 Indirect	Business air travel emissions(7)	tCO2-e	78,018	79,330	73,260	63,334	48,870	41,954	40,721	36,674	40,277	55,724	44,405	(20)	(43)
Total Indirect Emissions	Total Scope 2 and Scope 3	tCO2-e	128,941(1)	131,271	125,757	109,833	91,259	85,211	81,785	74,941	76,246	88,046	74,260	(16)	(42)
Total emissions	Total Scope 1,2 and Scope 3(8)	tCO2-e	128,941(1)	131,271	125,757	109,833	91,259	85,211	81,785	75,374	76,765	88,615	74,742	(16)	-
Energy	Total Macquarie energy use(9)	TJ	237	268	275	243	231	228	215	208	201	194	189	(3)	(20)

		Units	Baseline (1)	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19 ⁽²⁾	FY20	Change		
														Prior Year %	Baseline %	
Per Capita Emissions	Electricity emissions per capita:	tCO2-e per person														
	— corporate offices and data centres		3.93	3.35	3.55	3.40	3.05	2.97	2.70	2.67	2.36	2.04	1.85	(9)	(53)	
	— base buildings		–	–	–	–	–	0.11	0.16	0.14	0.13	0.11	0.09	(15)	-	
	Total emissions per capita		3.93	3.35	3.55	3.40	3.05	3.08	2.86	2.81	2.49	2.15	1.94	(10)	(50)	
	Business air travel emissions per capita	tCO2-e per person	5.34	5.11	4.95	4.64	3.51	2.99	2.83	2.70	2.78	3.70	2.88	(22)	(46)	

(1) Note that the baseline for Scope 2 electricity emissions is FY2009 while, due to data availability, the baseline for Scope 3 business air travel emissions is FY2010. Total Scope 2 and Scope 3 emissions reductions are calculated based on a FY2010 baseline.

(2) Some numbers in this column have been revised from last year's Annual Report to reflect updated invoice data.

(3) Scope 1 emissions and associated energy use were not reported prior to FY2017. Scope 1 emissions are not considered material, comprising <1% of total reported emissions.

(4) Macquarie corporate offices and data centres are defined as:

- space leased by Macquarie operating entities that are also occupied by Macquarie staff and have a Net Usable Area greater than 100m²
- data centres where Macquarie Group has oversight of electricity usage and pays for this usage
- new space from business acquisitions from the month of acquisition
- including Australian and international corporate offices.

(5) Base building refers to the energy required to operate a building and excludes tenanted energy use. It includes the mechanical plant, lifts, and lighting in lobby and other common areas. Base building applies only where Macquarie owns and occupies the building, i.e. 50 Martin Place, Sydney.

(6) Estimates make up a portion of energy consumption and Scope 2 emissions amounts for March 2020. These estimates do not consider any office closures related to Covid-19. Energy consumption and Scope 2 emissions amounts for that month may therefore be slightly overstated.

(7) Business air travel is defined as travel ticketed through Macquarie's Travel Management Companies for the primary purpose of business.

(8) Since 2010, Macquarie has maintained its carbon neutral commitment by reducing and offsetting emissions from its office energy use and business air travel. In FY2020, to meet this commitment, Macquarie purchased and retired a diverse portfolio of voluntary carbon offsets.