



Environmental
Protection Authority
Te Mana Rauhi Taiao

CLIMATE CHANGE RESPONSE ACT 2002

2014 Synthetic Greenhouse Gas Levy Report

for the period 1 July 2014 to 30 June 2015, under section 250 of the Climate Change
Response Act 2002



Introduction

The Environmental Protection Authority (EPA) publishes the following information in accordance with section 250 of the Climate Change Response Act 2002 (the Act).

All reported information:

- is current to 30 June 2015 and relates to levies reported or paid during the 2014/15 financial year (1 July 2014 to 30 June 2015)
- relates to leviable goods imported and leviable motor vehicles registered, and is based on current requirements of the Act.

From 1 July 2013, importers of hydrofluorocarbons (HFC) and perfluorocarbons (PFC) in goods and motor vehicles have paid a carbon price through a levy. The levy on motor vehicles recognises the synthetic greenhouse gas used in vehicle air-conditioning systems. The levy is applied when a motor vehicle is first registered for on-road use in New Zealand and is administered by the New Zealand Transport Agency (NZTA). The levy on other goods that contain HFC and PFC recognises the synthetic greenhouse gases used in other cooling and heating systems (for example, refrigerators and air-conditioners). This levy is applied at time of import and is administered by the New Zealand Customs Service (Customs).

Levy collection

Over the period 1 July 2014 to 30 June 2015, \$386,598 was collected from the synthetic greenhouse gas levy on goods and vehicles with no instances of non-payment of the levy.

Motor vehicles

- 271,790 motor vehicles subject to the levy were registered.
- 165,461kg of synthetic greenhouse gases were contained in motor vehicles subject to the levy.

Synthetic Greenhouse Gases

In relation to goods containing synthetic greenhouse gases:

- 3,945 consignments of goods containing synthetic greenhouse gases subject to the levy were imported
- 129,539 items imported contained HFC-134a
- 559 items imported contained R404A
- 106,515 items imported contained R410A
- 198,754kg of synthetic greenhouse gases contained in imported leviable goods were imported.

The Environmental Protection Authority would like to acknowledge the help of the Ministry for the Environment, the New Zealand Transport Agency and the New Zealand Customs Service in compiling this report.

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Table 1: Number of people who registered a motor vehicle

This table shows the total number of people who registered a vehicle under each class of leviable motor vehicle.

Released under section 250(1) (a)

Class of leviable motor vehicle	Number of people who registered a vehicle
Small passenger motor vehicles (MA, MB, MC)	166,892
Medium passenger vehicles (MD)	931
Large passenger vehicles (ME)	167
Small goods vehicles (NA)	28,262
Large goods vehicles (NB, NC)	4,105

Table 2: Number of leviable motor vehicles registered

This table shows the total number of leviable motor vehicles registered for each specified synthetic greenhouse gas used in the air-conditioning system of a leviable motor vehicle.

Released under section 250(1) (b)

Synthetic greenhouse gas	Number of leviable motor vehicles registered
HFC-134a	271,790

Table 3: Number of leviable motor vehicles registered

This table shows the total number of motor vehicles registered for each class of leviable motor vehicle.

Released under section 250(1) (e)

Class of leviable motor vehicle	Number of leviable motor vehicles
Small passenger motor vehicles (MA, MB, MC)	226,785
Medium passenger vehicles (MD)	1,257
Large passenger vehicles (ME)	276
Small goods vehicles (NA)	37,487
Large goods vehicles (NB, NC)	5,985
Total number of leviable motor vehicles	271,790

Table 4: Quantity of synthetic greenhouse gas treated as contained in the air-conditioning systems of leviable motor vehicles

This table shows the total quantity of synthetic greenhouse gas treated as contained in the air-conditioning systems of leviable motor vehicles for each class registered.

Released under section 250(1) (g)

Class of leviable motor vehicle	Quantity of synthetic greenhouse gas (kg)
Small passenger motor vehicles (MA, MB, MC)	136,071
Medium passenger vehicles (MD)	1,006
Large passenger vehicles (ME)	1,104
Small goods vehicles (NA)	22,492
Large goods vehicles (NB, NC)	4,788
Total	165,461

Table 5: Number of people who imported leviable goods¹

This table shows the number of people who imported leviable goods of that class for each class.

Released under section 250(1) (c)

Class of leviable good	Number of people who imported leviable goods
Air-conditioning units (household and small commercial window- or wall-mounted heat pumps)	19
Air-conditioning units for installing in vehicles (not including those already installed in vehicles)	2
Air-conditioning units (household and small commercial heat pumps)	12
Air-conditioning units (large commercial and industrial reversible heat pumps)	6
Air-conditioning units (household and small commercial heat pumps, not covered under headings 1 to 4)	7
Air-conditioning units (large commercial and industrial heat pumps not covered under headings 1 to 5)	5
Air-conditioning unit parts (for all types of household, commercial, and industrial heat pumps)	6
Combined refrigerator–freezers	12
Refrigerators (household)	23
Chest freezers	8
Upright freezers	12
Refrigerating units (such as commercial display cooling and freezing equipment)	46
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7)	15
Refrigerating units (water coolers, ice- or ice-cream makers, refrigerated transport units, and other commercial cooling and freezing equipment not expressly covered in classes covered under headings 1 to 13)	53
Parts for refrigerating or freezing units (charged with refrigerant for all types of household and commercial equipment) and some heat pumps	3
Refrigerated beverage-vending machines	6
Dehumidifiers	8
Refrigerated containers, vehicles, trailers, tankers, and vessels	9

¹ Tables 5, 7 and 8 refer to the classes numbered 1–18 and are in the order they appear in the Climate Change (Synthetic Greenhouse Gas Levies) Regulations 2013.

Table 6: Total quantity of goods imported for each specified synthetic greenhouse gas treated as contained in a class of leviable goods

This table shows the total quantity of goods of that class imported for each specified synthetic greenhouse gas treated as contained in a class of leviable goods.

Released under section 250(1) (d)

Specified SGG contained in a class of leviable goods	Quantity of goods imported
HFC-134a	129,539
R404A	559
R410A	106,515
Total quantity of goods imported	236,613

Table 7: Number of consignments imported in each class of leviable goods

This table shows the number of consignments imported for each class of leviable goods.

Released under section 250(1) (f)

Class of leviable goods	Number of consignments imported
Air-conditioning units (household and small commercial window- or wall-mounted heat pumps)	933
Air-conditioning units for installing in vehicles (not including those already installed in vehicles)	4
Air-conditioning units (household and small commercial heat pumps)	207
Air-conditioning units (large commercial and industrial reversible heat pumps)	16
Air-conditioning units (household and small commercial heat pumps, not covered under headings 1 to 4)	582
Air-conditioning units (large commercial and industrial heat pumps not covered under headings 1 to 5)	51
Air-conditioning unit parts (for all types of household, commercial, and industrial heat pumps)	593
Combined refrigerator–freezers	667
Refrigerators (household)	144
Chest freezers	56
Upright freezers	69
Refrigerating units (such as commercial display cooling and freezing equipment)	292
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7)	48
Refrigerating units (water coolers, ice- or ice-cream makers, refrigerated transport units, and other commercial cooling and freezing equipment not expressly covered in classes covered under headings 1 to 13)	169
Parts for refrigerating or freezing units (charged with refrigerant for all types of household and commercial equipment) and some heat pumps	8
Refrigerated beverage-vending machines	23
Dehumidifiers	37
Refrigerated containers, vehicles, trailers, tankers, and vessels	46
Total number of consignments imported	3,945

Table 8: Quantity of synthetic greenhouse gas treated as contained in leviable goods

This table shows the total quantity of synthetic greenhouse gas treated as contained in leviable goods of each class imported. These figures capture all goods for which a levy was paid and instances where leviable goods were not required to pay a levy as they contained zero synthetic greenhouse gases.

Released under section 250(1) (h)

Class of leviable goods imported	Quantity of synthetic greenhouse gas (kg)
Air-conditioning units (household and small commercial window- or wall-mounted heat pumps)	50,214
Air-conditioning units for vehicles (not including those already installed in vehicles)	10
Air-conditioning units (household and small commercial heat pumps)	24,270
Air-conditioning units (large commercial and industrial reversible heat pumps)	719
Air-conditioning units (household and small commercial heat pumps, not covered under headings 1 to 4)	25,031
Air-conditioning units (large commercial and industrial heat pumps not covered under headings 1 to 5)	1,624
Air-conditioning unit parts (for all types of household, commercial, and industrial heat pumps)	76,462
Combined refrigerator-freezers	9,177
Refrigerators (household)	782
Chest freezers	1,048
Upright freezers	509
Refrigerating units (such as commercial display cooling and freezing equipment)	2,757
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7)	1,851
Refrigerating units (water coolers, ice- or ice-cream makers, refrigerated transport units, and other commercial cooling and freezing equipment not expressly covered in classes covered under headings 1 to 13)	371
Parts for refrigerating or freezing units (charged with refrigerant for all types of household and commercial equipment) and some heat pumps	91
Refrigerated beverage-vending machines	119
Dehumidifiers	3,653
Refrigerated containers, vehicles, trailers, tankers, and vessels	65
Total	198,754²

² Due to rounding of the individual class quantity to the nearest kg, the total appears to be out by one.

Table 9: Total amount of money collected from the levy

This table shows the total amount of money collected from the levy.

Released under section 250(1) (i)

Total amount of levy money collected
\$386,598.00

The information in this table is correct as of 30 June 2015 and covers the total amount of levy money collected between 1 July 2014 and 30 June 2015.

Table 10: Number of people who failed to comply with their obligation to pay a levy

This table shows the total number of people who failed to comply with their obligation to pay a levy.

Released under section 250(1) (j)

Number of people who failed to comply with their obligation to pay a levy
0

The information in this table is correct as of 30 June 2015 and covers the total number of people who failed to comply with their obligation to pay a levy between 1 July 2014 and 30 June 2015.